

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055339.D
 Acq On : 2 May 2019 10:21
 Operator : JC/SP
 Sample : VN0502WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:09:12 PM

Quant Time: May 03 02:25:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	369604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	593226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	249207	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	7.59	113	193385	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.09	98	708504	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	228021	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	90721	20.034	ug/l	96
3) Chloromethane	2.06	50	106662	19.022	ug/l	99
4) Vinyl Chloride	2.19	62	84257	18.641	ug/l	99
5) Bromomethane	2.56	94	45654	19.069	ug/l	97
6) Chloroethane	2.70	64	45433	18.555	ug/l	98
7) Trichlorofluoromethane	3.02	101	121895	18.965	ug/l	100
8) Diethyl Ether	3.41	74	44459	19.771	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	75391	19.698	ug/l	98
10) Methyl Iodide	3.96	142	102726	19.072	ug/l	99
11) Tert butyl alcohol	4.79	59	29108	105.147	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	69928	19.153	ug/l	99
13) Acrolein	3.61	56	17957	83.059	ug/l	92
14) Allyl chloride	4.33	41	146047	19.314	ug/l	99
15) Acrylonitrile	4.99	53	161477	103.774	ug/l #	89
16) Acetone	3.82	43	153991	102.211	ug/l	98
17) Carbon Disulfide	4.06	76	171548	18.004	ug/l	99
18) Methyl Acetate	4.33	43	84291	22.395	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	209725	20.433	ug/l	99
20) Methylene Chloride	4.55	84	85183	18.524	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	73950	19.125	ug/l	92
22) Diisopropyl ether	5.95	45	310731	20.682	ug/l	96
23) Vinyl Acetate	5.90	43	1004084	101.969	ug/l	99
24) 1,1-Dichloroethane	5.85	63	161244	20.142	ug/l	98
25) 2-Butanone	6.84	43	205515	106.664	ug/l	94
26) 2,2-Dichloropropane	6.82	77	105171	19.025	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	89918	20.449	ug/l	100
28) Bromochloromethane	7.20	49	81981	20.317	ug/l	97
29) Tetrahydrofuran	7.21	42	134243	108.809	ug/l	99
30) Chloroform	7.37	83	152149	20.050	ug/l	99
31) Cyclohexane	7.65	56	141412	18.593	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	120743	19.605	ug/l	99
36) 1,1-Dichloropropene	7.79	75	105055	18.488	ug/l	99
37) Ethyl Acetate	6.93	43	85312	19.590	ug/l	97
38) Carbon Tetrachloride	7.77	117	101400	18.499	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	113061	18.714	ug/l	98
40) Benzene	8.04	78	326771	19.508	ug/l	99
41) Methacrylonitrile	7.17	41	43558	18.947	ug/l	94
42) 1,2-Dichloroethane	8.12	62	117278	19.768	ug/l	99
43) Isopropyl Acetate	8.17	43	142162	20.313	ug/l #	87
44) Trichloroethene	8.84	130	81635	19.117	ug/l	97
45) 1,2-Dichloropropane	9.12	63	93930	19.442	ug/l	98
46) Dibromomethane	9.21	93	53755	20.356	ug/l	98
47) Bromodichloromethane	9.40	83	113759	20.080	ug/l	98
48) Methyl methacrylate	9.20	41	68057	19.781	ug/l	97
49) 1,4-Dioxane	9.20	88	14825	416.831	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	418791	106.283	ug/l	98
52) Toluene	10.16	92	195376	20.328	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	100516	20.438	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	124803	20.354	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	72185	20.226	ug/l	98
56) Ethyl methacrylate	10.43	69	91407	20.808	ug/l	98
57) 1,3-Dichloropropane	10.71	76	127058	20.294	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	109453	88.706	ug/l	99
59) 2-Hexanone	10.75	43	267787	108.618	ug/l	98
60) Dibromochloromethane	10.90	129	74664	20.469	ug/l	98
61) 1,2-Dibromoethane	11.00	107	66845	20.264	ug/l	97
64) Tetrachloroethene	10.63	164	77284	18.670	ug/l	98
65) Chlorobenzene	11.43	112	191603	19.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	74037	19.106	ug/l	98
67) Ethyl Benzene	11.51	91	356061	19.924	ug/l	98
68) m/p-Xylenes	11.62	106	256050	40.140	ug/l	99
69) o-Xylene	11.95	106	125600	19.865	ug/l	97
70) Styrene	11.96	104	203476	20.960	ug/l	99
71) Bromoform	12.13	173	45501	21.161	ug/l #	100
73) Isopropylbenzene	12.25	105	345865	21.467	ug/l	100
74) N-amyl acetate	12.07	43	97686	20.379	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	87434	21.834	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76465m	20.541	ug/l	
77) Bromobenzene	12.53	156	80236	21.250	ug/l	99
78) n-propylbenzene	12.59	91	364854	19.016	ug/l	99
79) 2-Chlorotoluene	12.67	91	230309	21.219	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	281417	19.218	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20266	20.562	ug/l	98
82) 4-Chlorotoluene	12.77	91	216942	19.447	ug/l	98
83) tert-Butylbenzene	12.99	119	238805	21.374	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	258613	19.747	ug/l	99
85) sec-Butylbenzene	13.17	105	309282	19.432	ug/l	99
86) p-Isopropyltoluene	13.29	119	255771	19.552	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	122068	19.530	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	114607	19.471	ug/l	99
89) n-Butylbenzene	13.61	91	179045	19.262	ug/l	97
90) Hexachloroethane	13.87	117	44814	20.713	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	118739	19.168	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10717	21.809	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	33194	16.003	ug/l	96
94) Hexachlorobutadiene	15.01	225	42773	21.342	ug/l	96
95) Naphthalene	15.13	128	71590	16.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	36619	17.043	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

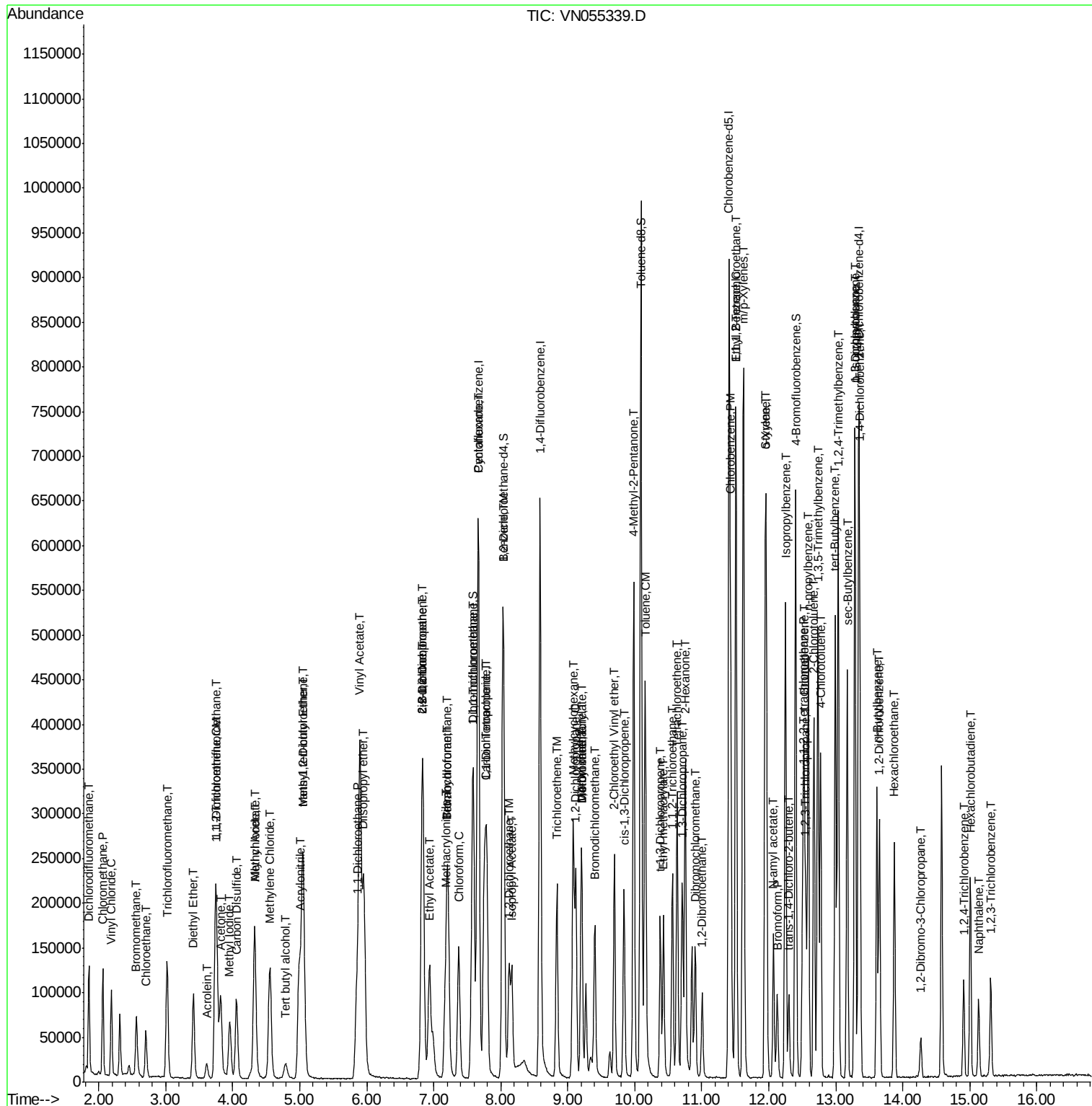
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Acq On : 2 May 2019 10:21
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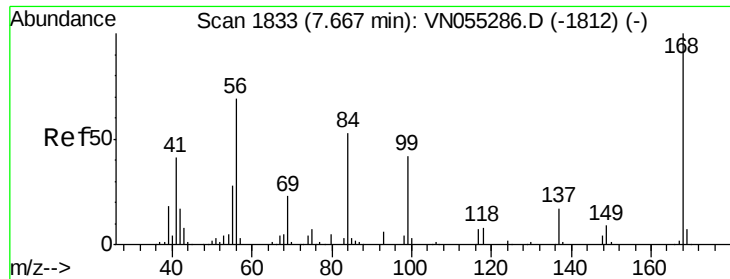
Instrument :
MSVOA_N
Client Sampled :
VN0502WBS01

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion:168 Resp: 369604

Ion Ratio Lower Upper

168 100

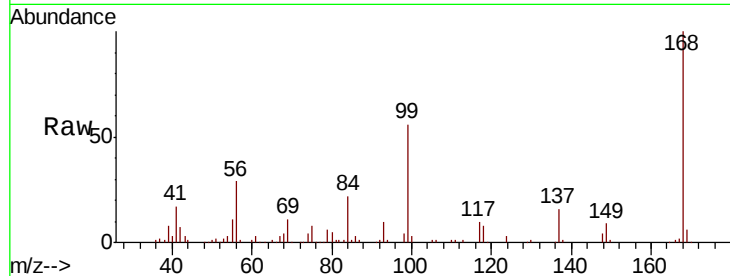
99 55.0 43.6 65.4

Manual Integrations

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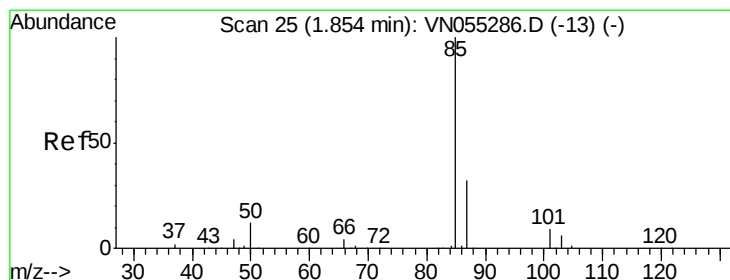
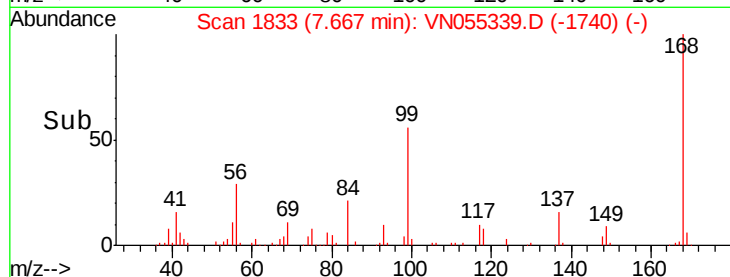
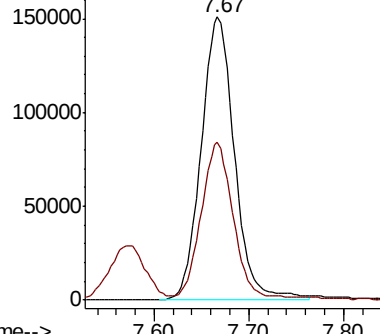
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.034 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055339.D

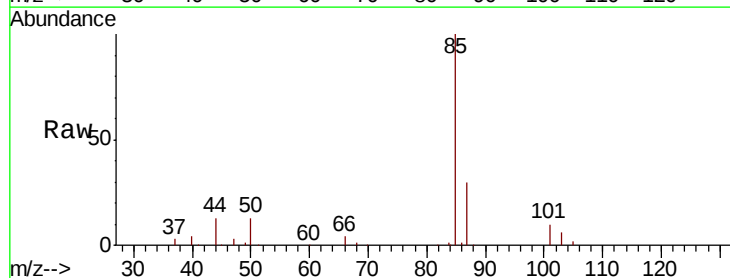
Acq: 2 May 2019 10:21

Tgt Ion: 85 Resp: 90721

Ion Ratio Lower Upper

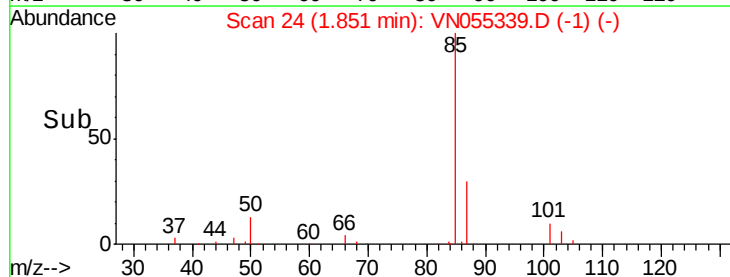
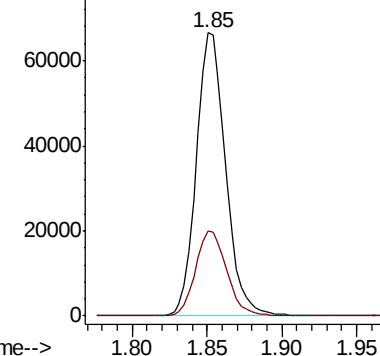
85 100

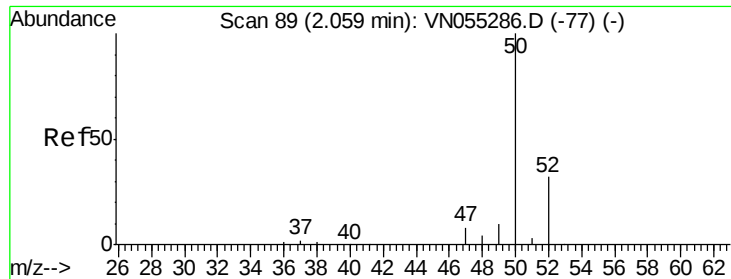
87 29.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.022 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

VN0502WBS01

Tgt Ion: 50 Resp: 106662

Ion Ratio Lower Upper

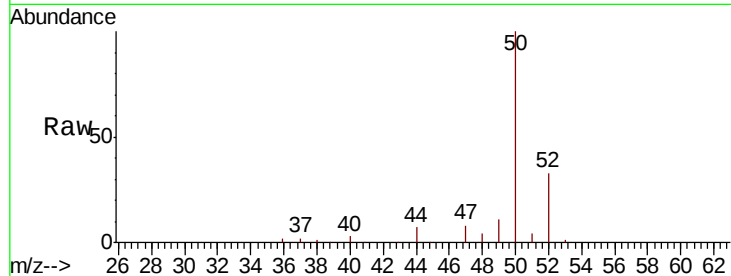
50 100

52 32.9 25.7 38.5

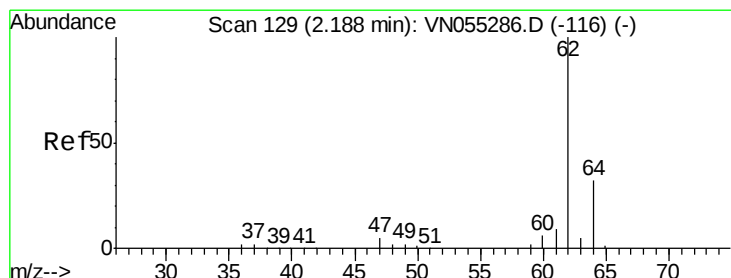
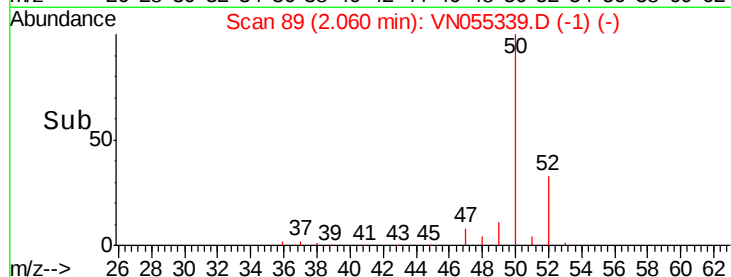
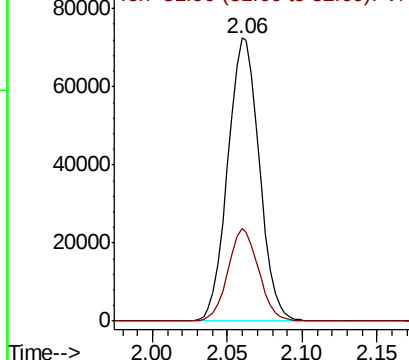
Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.641 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055339.D

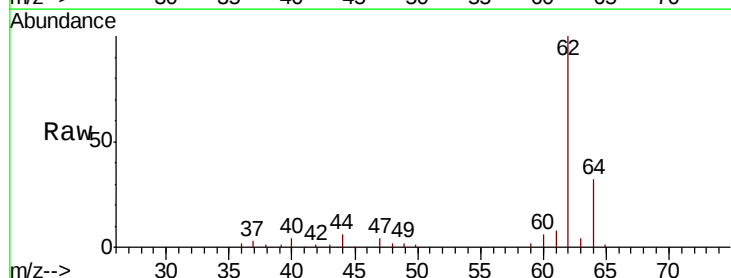
Acq: 2 May 2019 10:21

Tgt Ion: 62 Resp: 84257

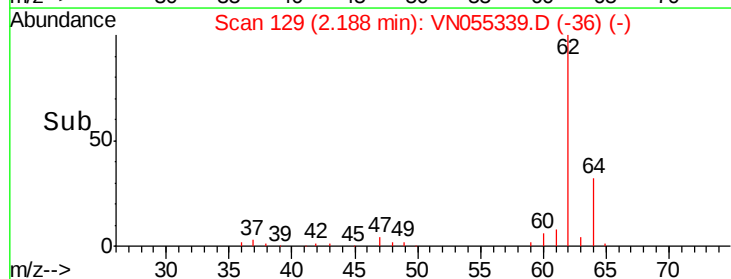
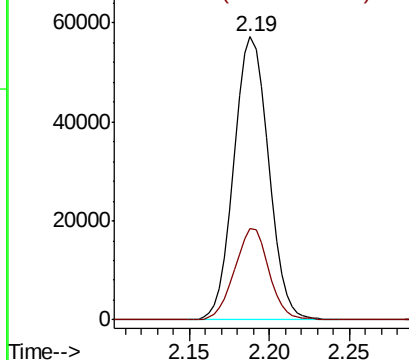
Ion Ratio Lower Upper

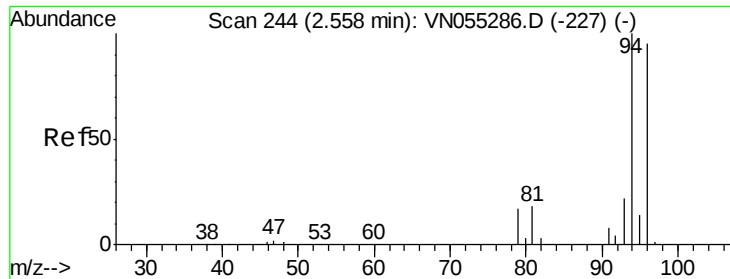
62 100

64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.069 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

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Tgt Ion: 94 Resp: 45654

Ion Ratio Lower Upper

94 100

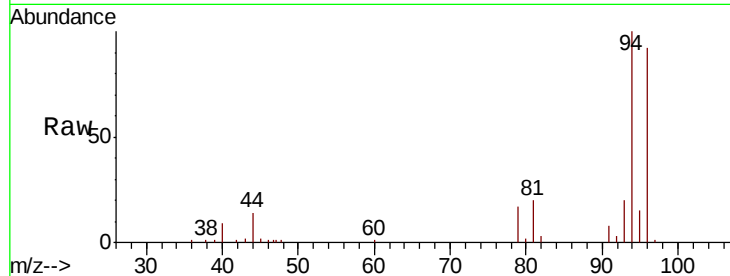
96 91.8 76.0 114.0

Manual Integrations

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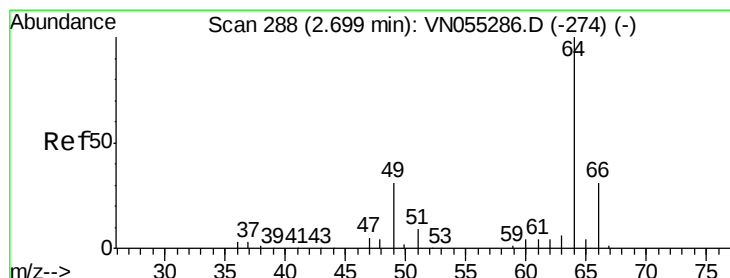
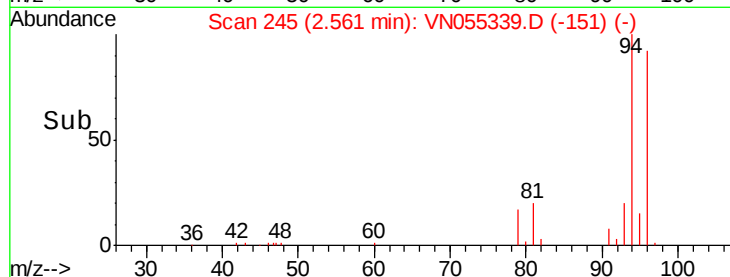
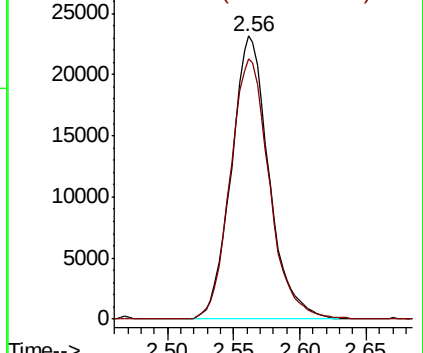
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.555 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN055339.D

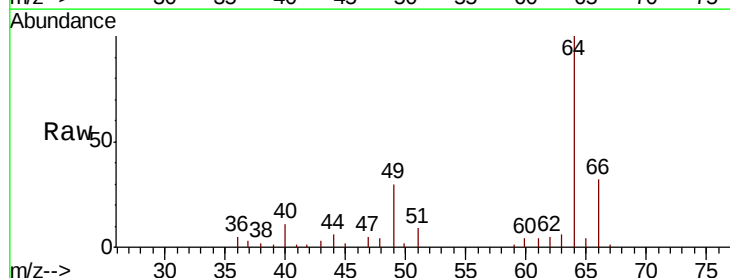
Acq: 2 May 2019 10:21

Tgt Ion: 64 Resp: 45433

Ion Ratio Lower Upper

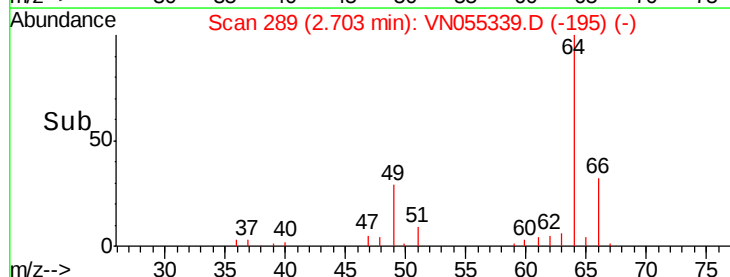
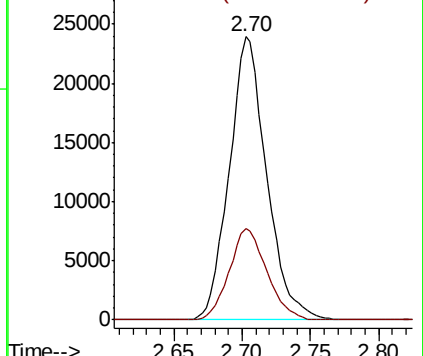
64 100

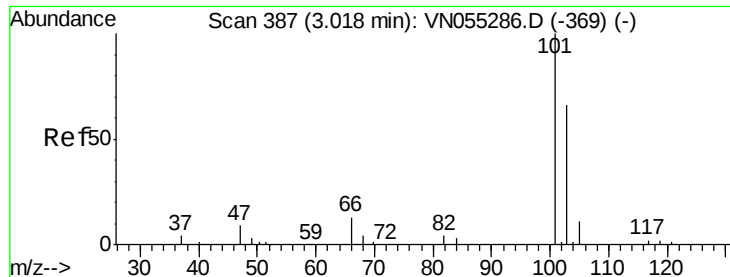
66 32.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

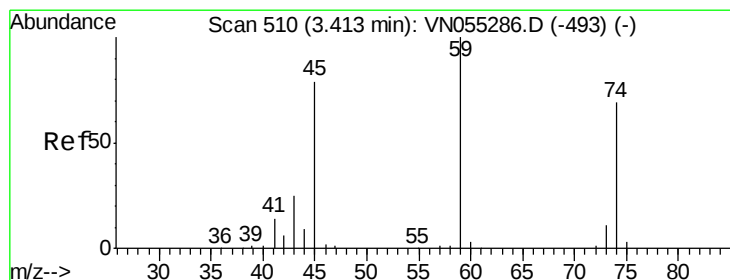
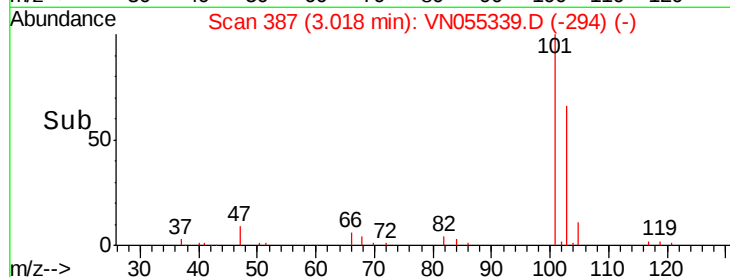
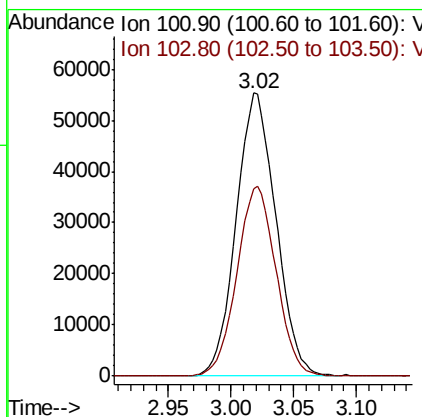
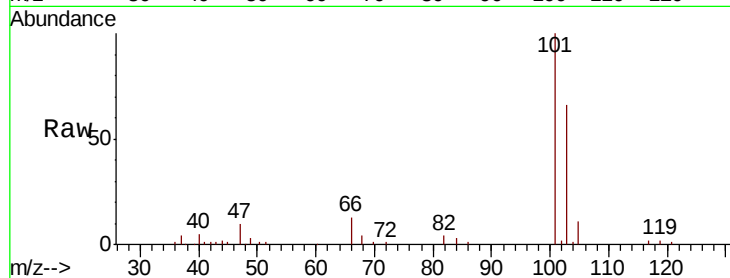
Trichlorofluoromethane
Concen: 18.965 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN055339.D
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Instrument :
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ClientSampleId :
VN0502WBS01

Tgt Ion: 101 Resp: 121895
Ion Ratio Lower Upper
101 100
103 66.2 52.6 79.0

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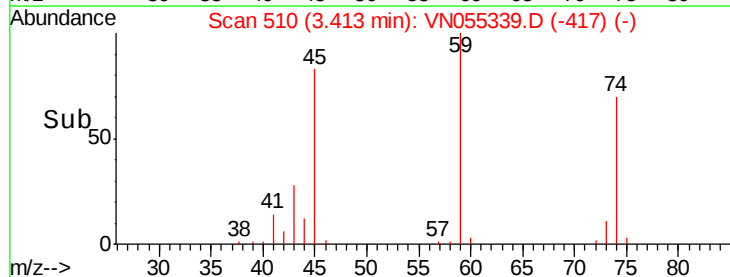
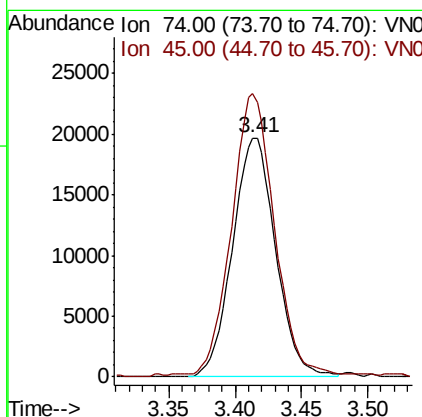
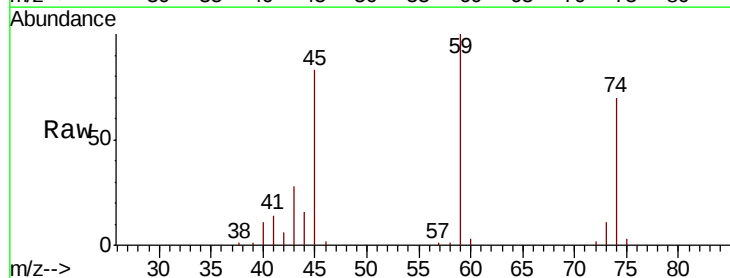
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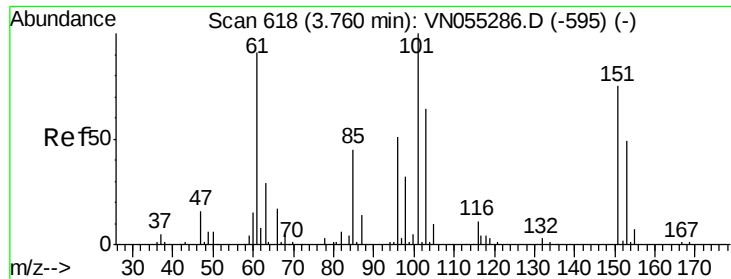


#8

Diethyl Ether
Concen: 19.771 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 74 Resp: 44459
Ion Ratio Lower Upper
74 100
45 115.1 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.698 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

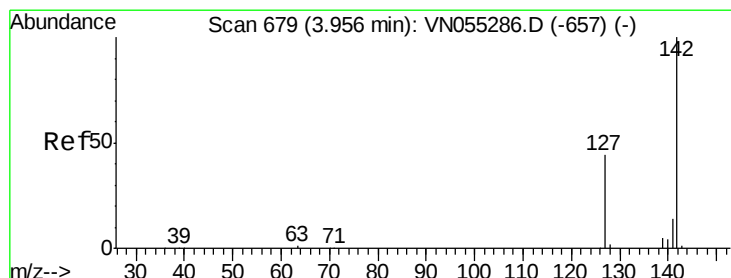
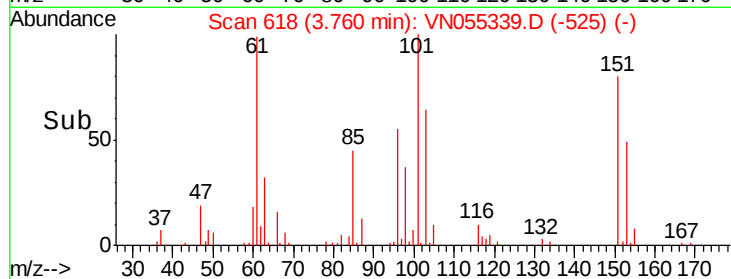
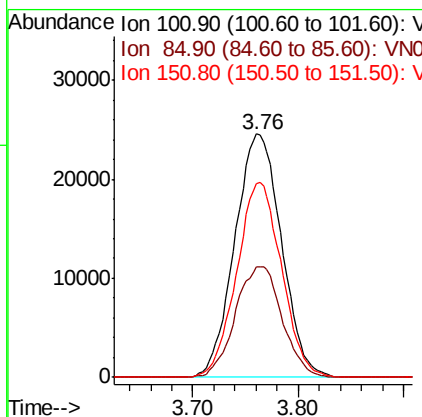
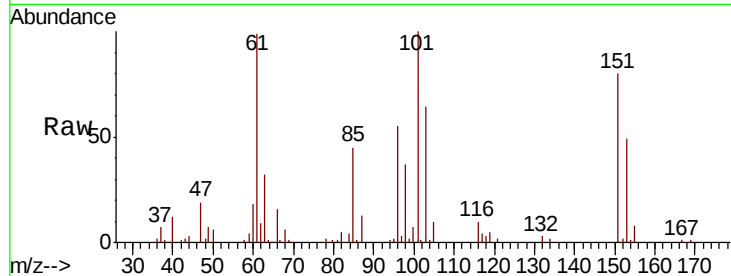
ClientSampleId :

VN0502WBS01

Tgt Ion:	101	Resp:	75391
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.7	53.5
151	77.1	63.3	94.9

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#10

Methyl Iodide

Concen: 19.072 ug/l

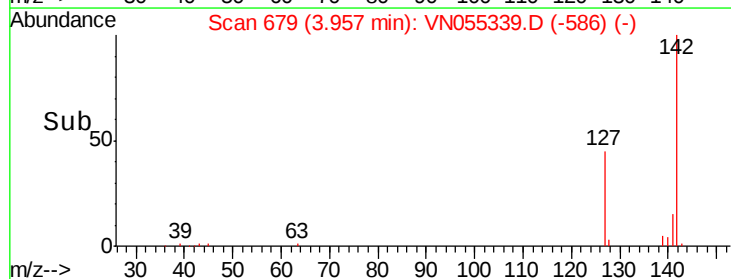
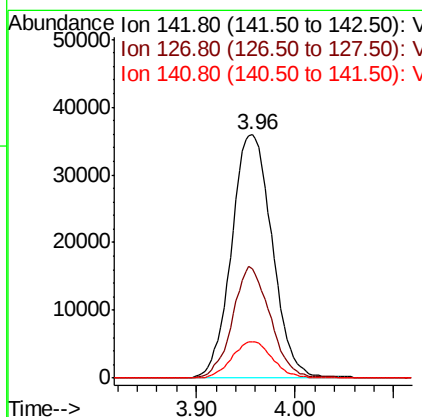
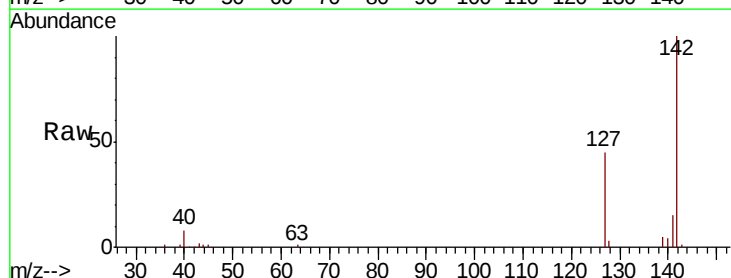
RT: 3.96 min Scan# 679

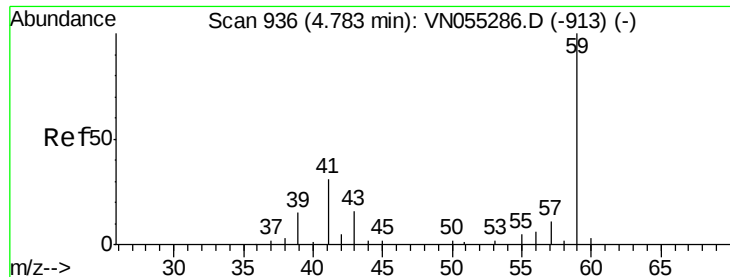
Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Tgt Ion:	142	Resp:	102726
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.4	51.6
141	14.8	11.5	17.3





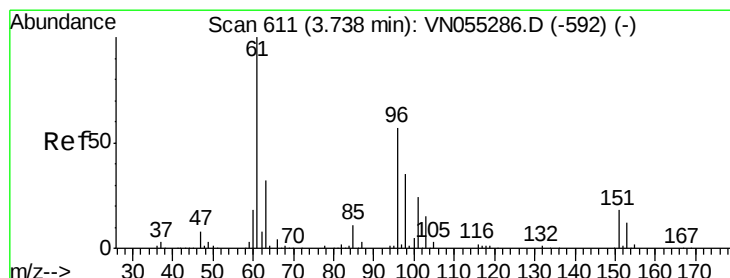
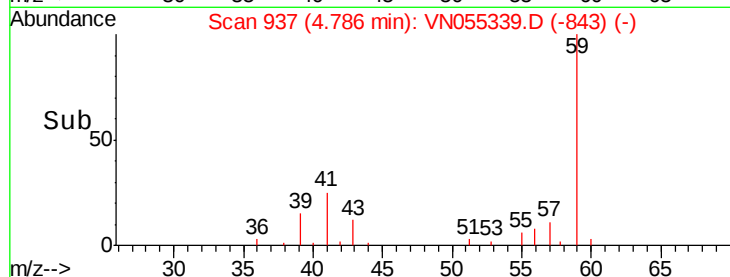
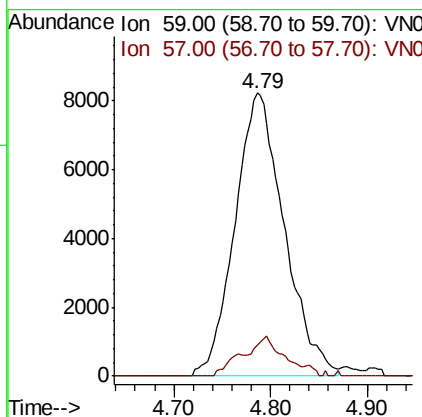
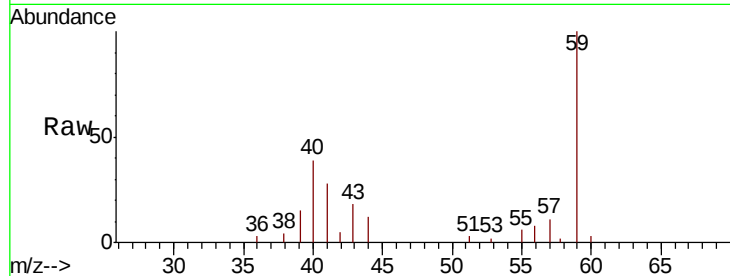
#11
Tert butyl alcohol
Concen: 105.147 ug/l
RT: 4.79 min Scan# 937
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion: 59 Resp: 29108
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.2#

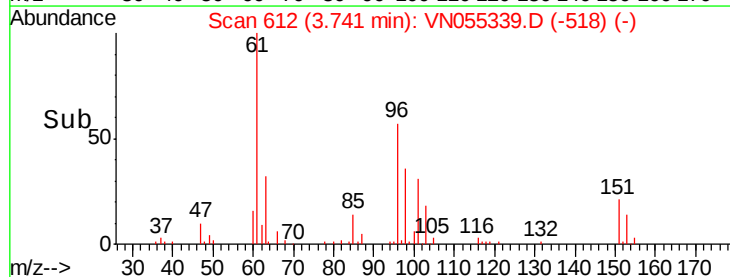
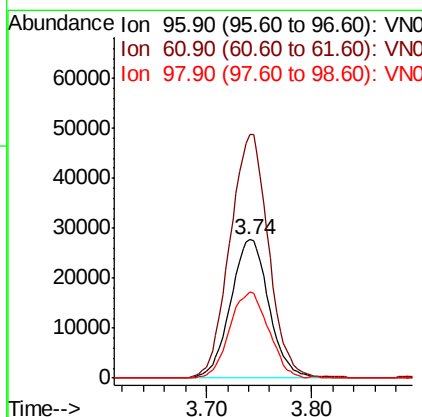
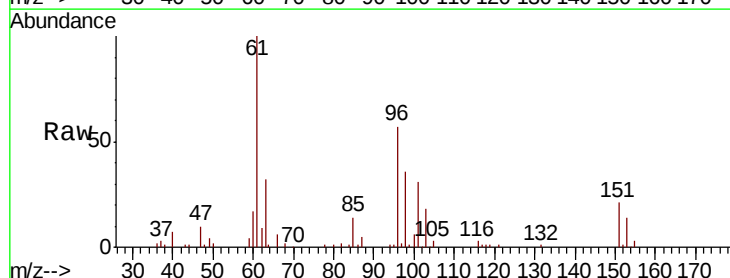
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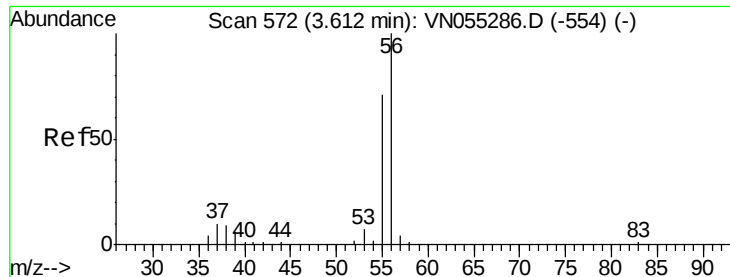
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#12
1,1-Dichloroethene
Concen: 19.153 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 96 Resp: 69928
Ion Ratio Lower Upper
96 100
61 175.2 140.9 211.3
98 62.4 50.0 75.0





#13

Acrolein

Concen: 83.059 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion: 56 Resp: 17957

Ion Ratio Lower Upper

56 100

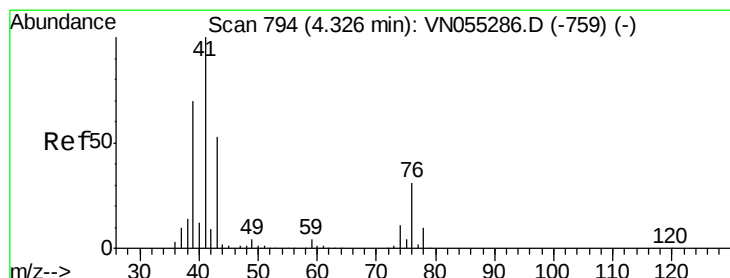
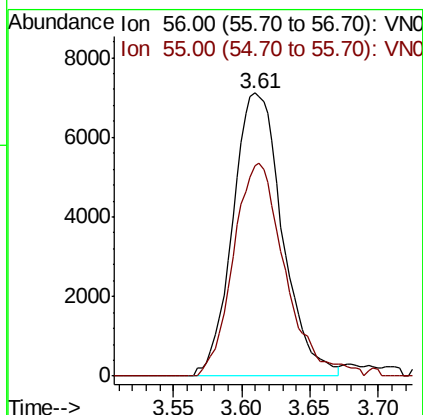
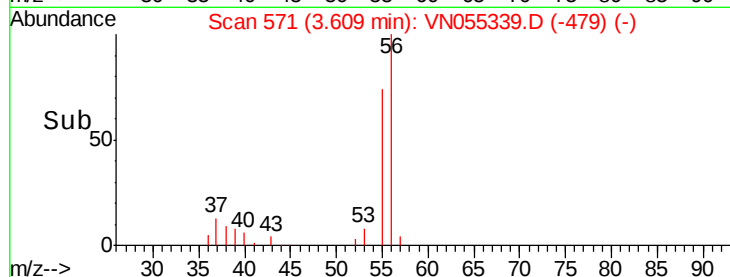
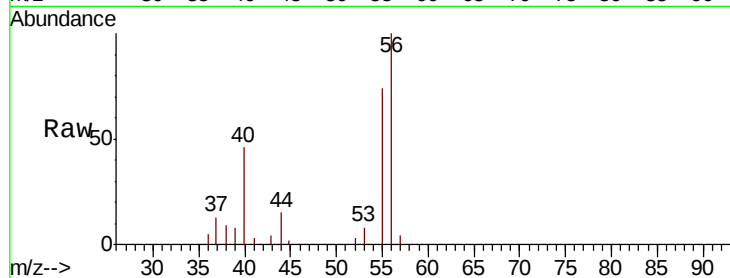
55 78.1 57.4 86.2

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#14

Allyl chloride

Concen: 19.314 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

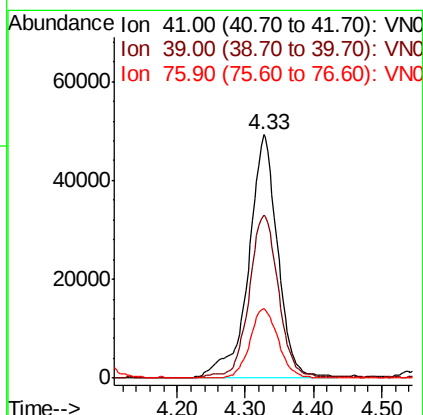
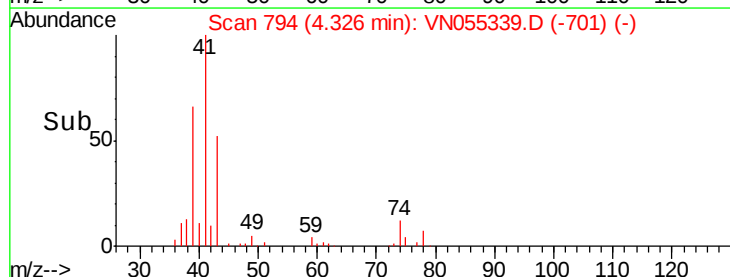
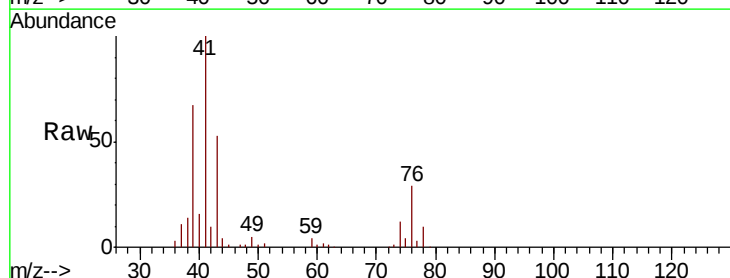
Tgt Ion: 41 Resp: 146047

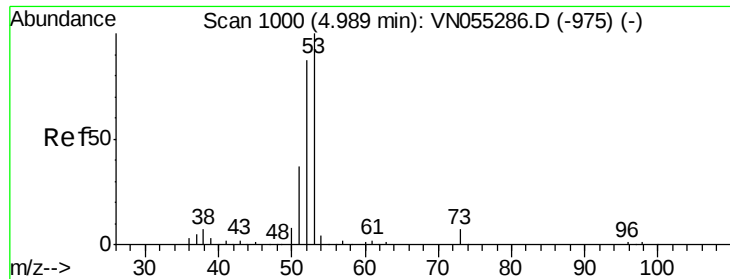
Ion Ratio Lower Upper

41 100

39 65.3 53.0 79.6

76 27.6 22.7 34.1





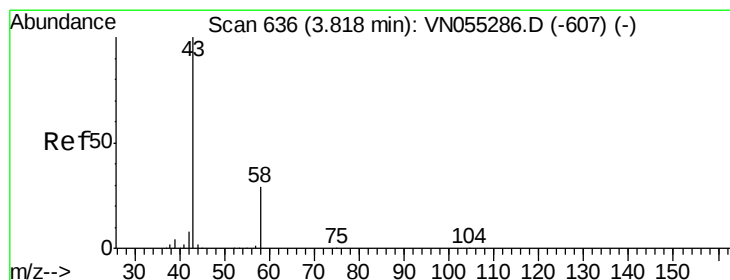
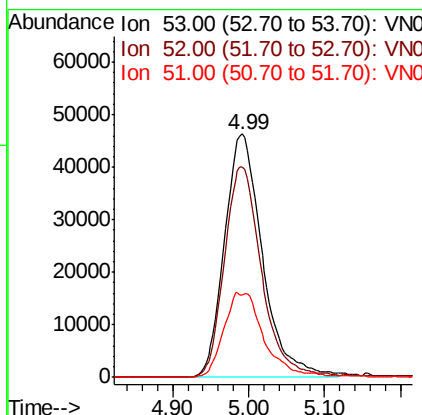
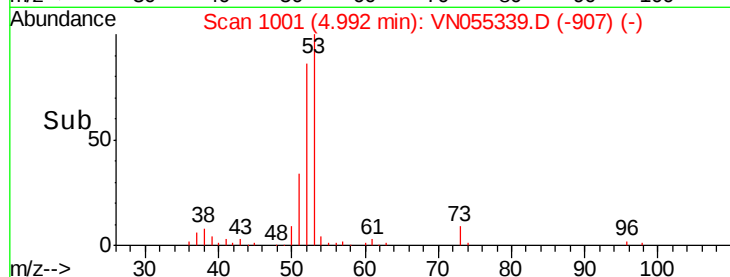
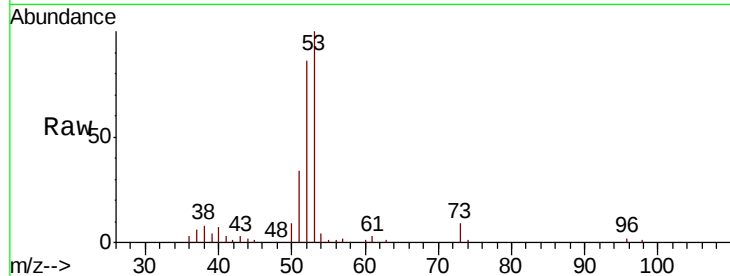
#15
 Acrylonitrile
 Concen: 103.774 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.5	99.7
51	17.6	29.6	44.4

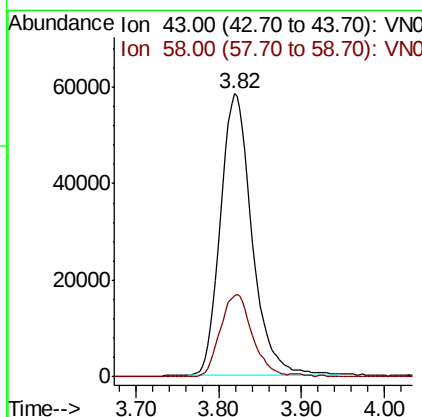
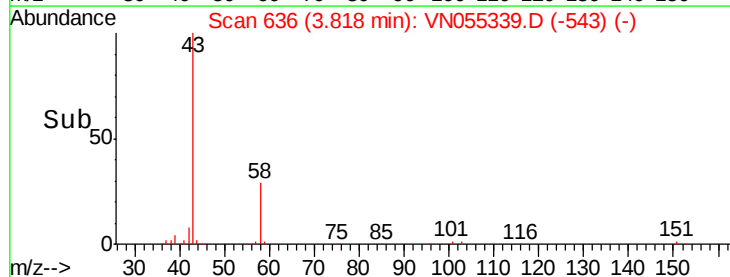
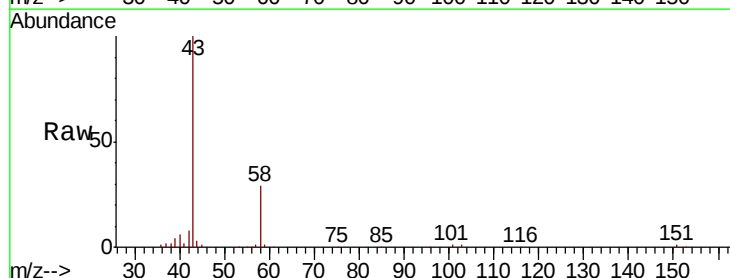
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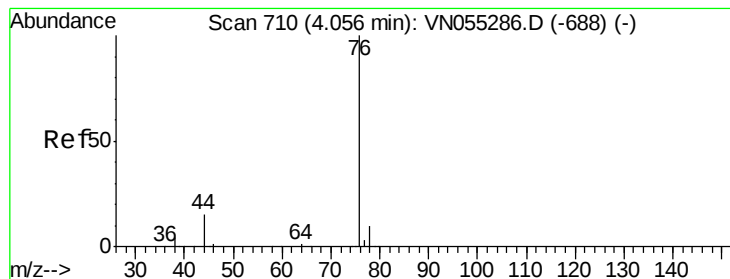
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#16
 Acetone
 Concen: 102.211 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.6	35.4





#17

Carbon Disulfide

Concen: 18.004 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion: 76 Resp: 171548

Ion Ratio Lower Upper

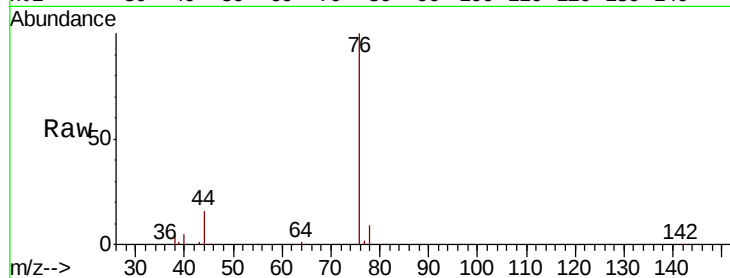
76 100

78 9.1 7.6 11.4

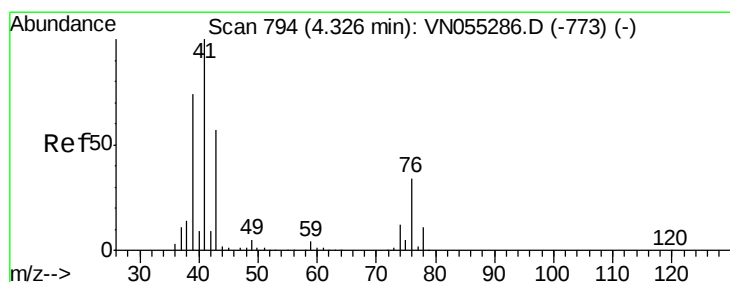
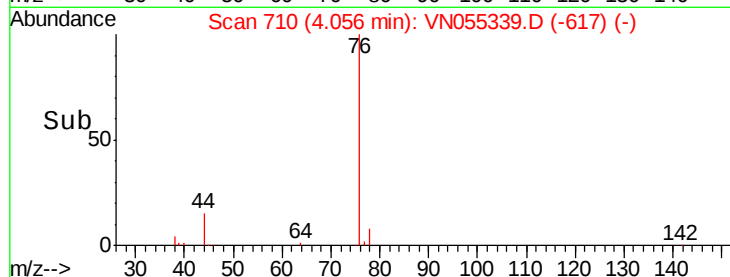
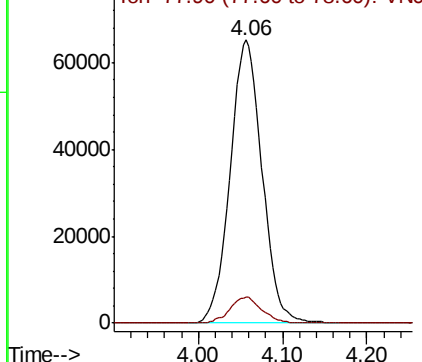
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 22.395 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055339.D

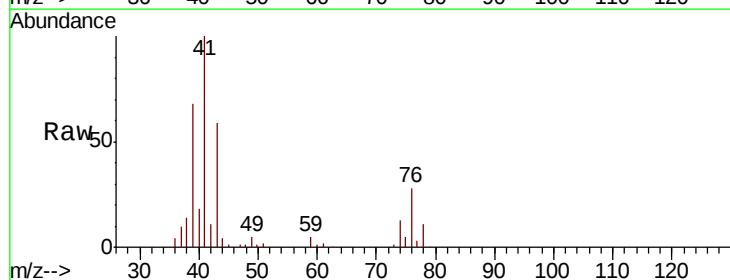
Acq: 2 May 2019 10:21

Tgt Ion: 43 Resp: 84291

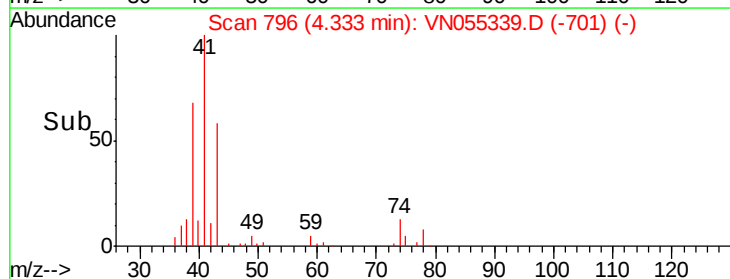
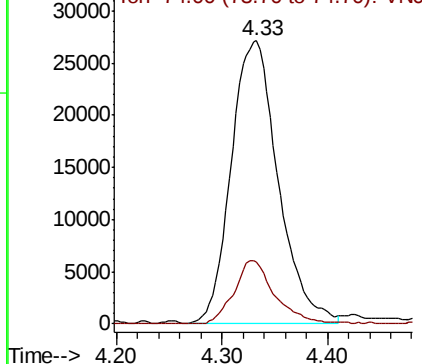
Ion Ratio Lower Upper

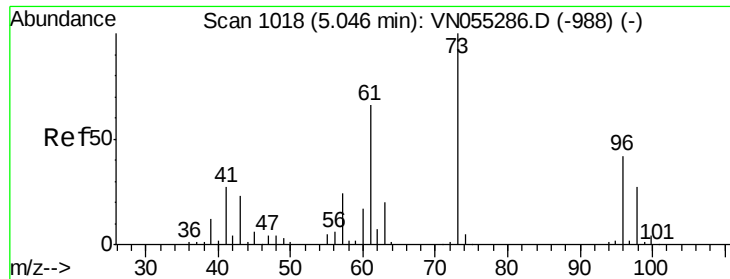
43 100

74 19.2 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





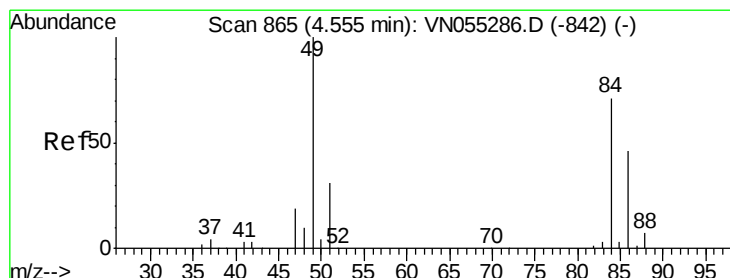
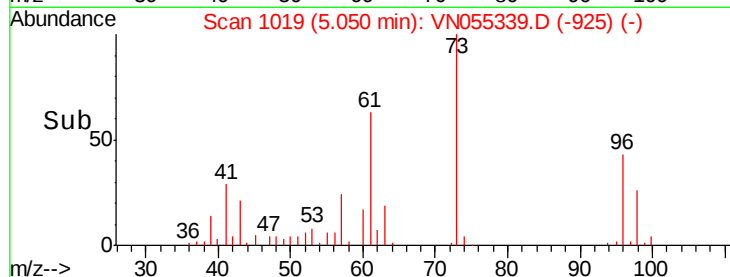
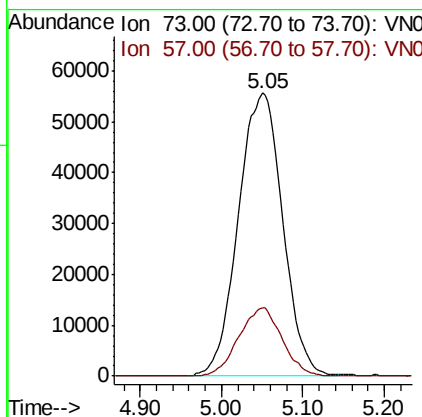
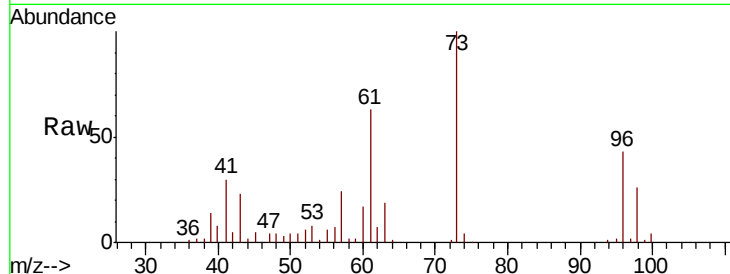
#19
Methyl tert-butyl Ether
Concen: 20.433 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion: 73 Resp: 209725
Ion Ratio Lower Upper
73 100
57 24.2 19.1 28.7

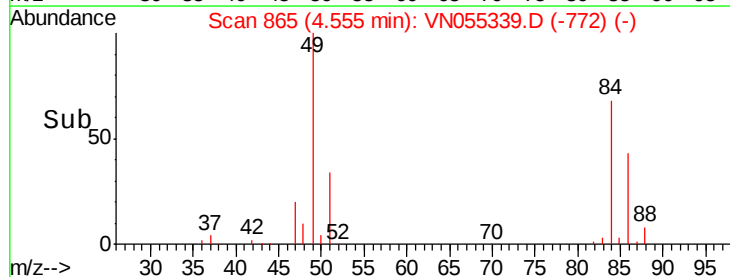
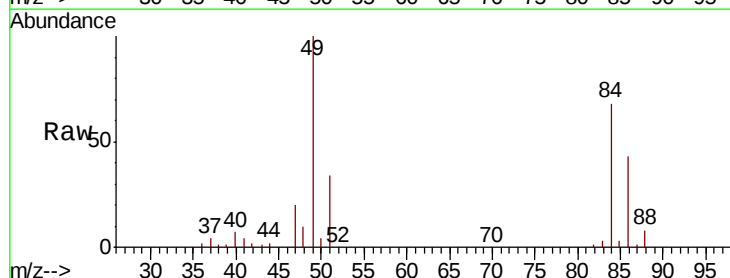
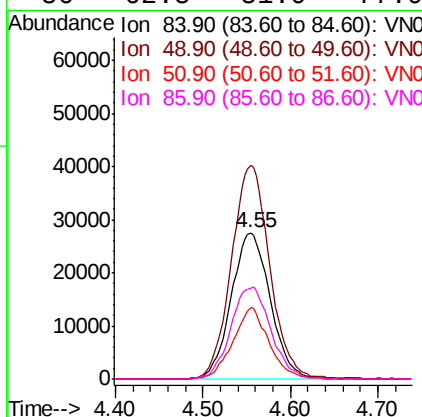
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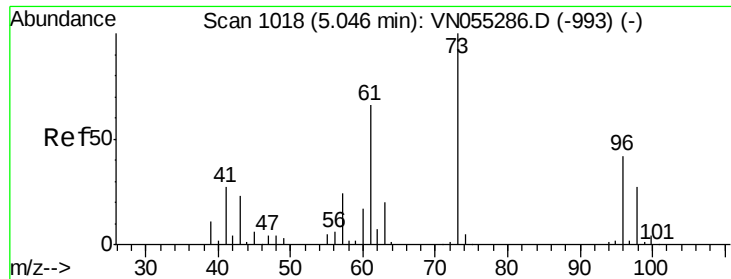
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#20
Methylene Chloride
Concen: 18.524 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 84 Resp: 85183
Ion Ratio Lower Upper
84 100
49 146.2 112.4 168.6
51 49.0 34.6 51.8
86 62.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.125 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

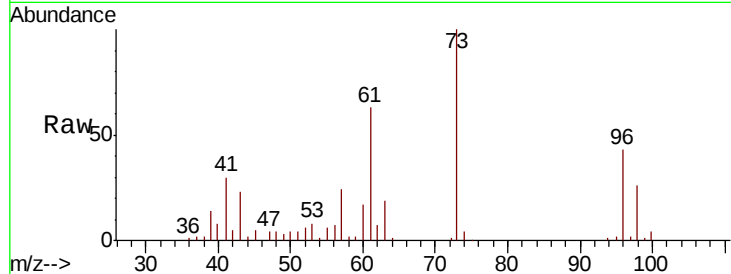
ClientSampleId :

VN0502WBS01

Tgt Ion:	96	Resp:	73950
Ion	Ratio	Lower	Upper
96	100		
61	146.7	126.2	189.4
98	59.9	52.2	78.2

Manual Integrations
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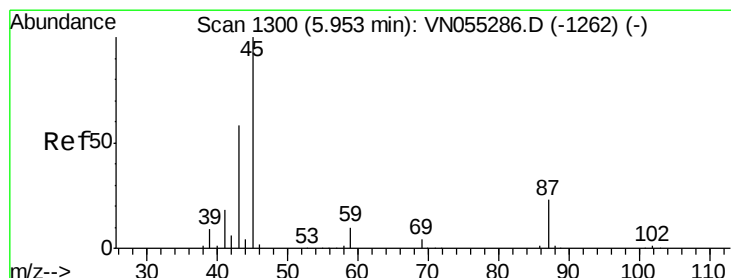
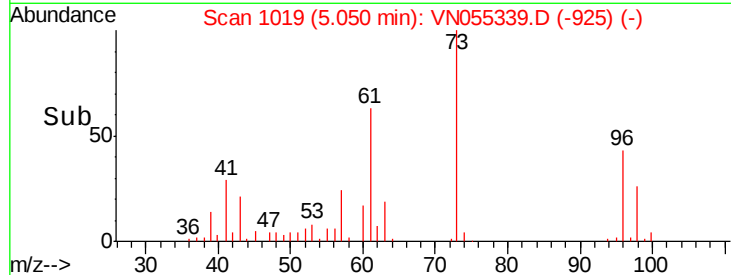
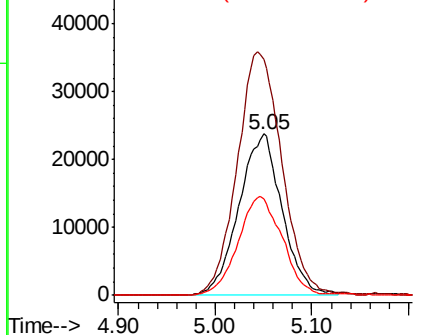


Abundance

Ion 95.90 (95.60 to 96.60): VN055286.D (-993) (-)

Ion 60.90 (60.60 to 61.60): VN055286.D (-993) (-)

Ion 97.90 (97.60 to 98.60): VN055286.D (-993) (-)



#22

Diisopropyl ether

Concen: 20.682 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Tgt Ion:	45	Resp:	310731
Ion	Ratio	Lower	Upper
45	100		
43	62.6	46.6	70.0
87	22.2	18.1	27.1
59	9.6	8.2	12.2

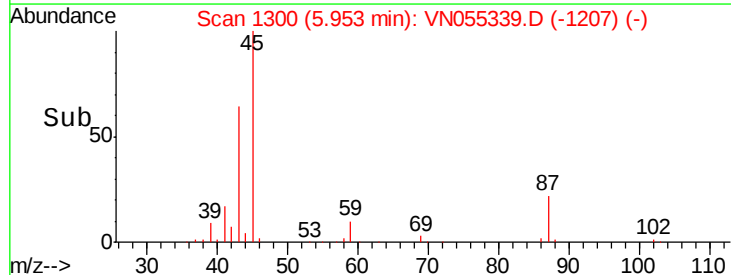
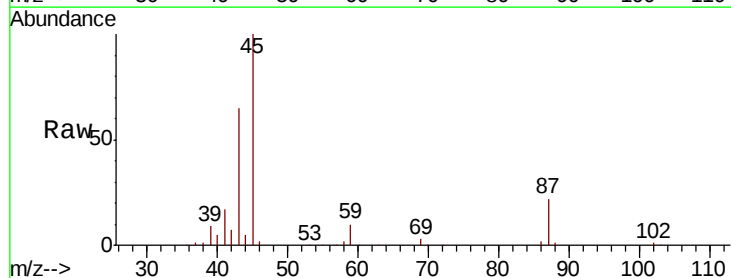
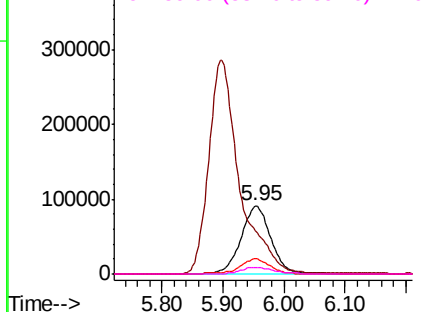
Abundance

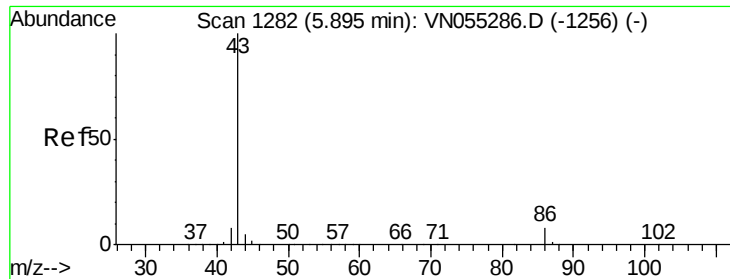
Ion 45.00 (44.70 to 45.70): VN055286.D (-1262) (-)

Ion 43.00 (42.70 to 43.70): VN055286.D (-1262) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1262) (-)

Ion 59.00 (58.70 to 59.70): VN055286.D (-1262) (-)





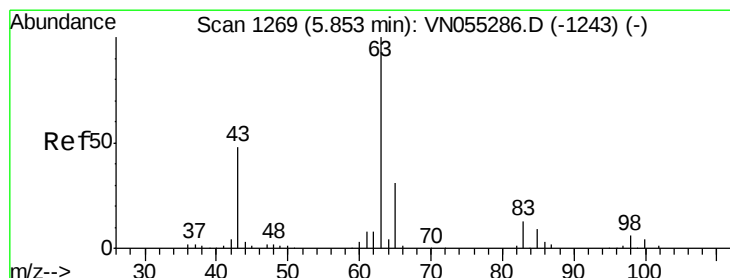
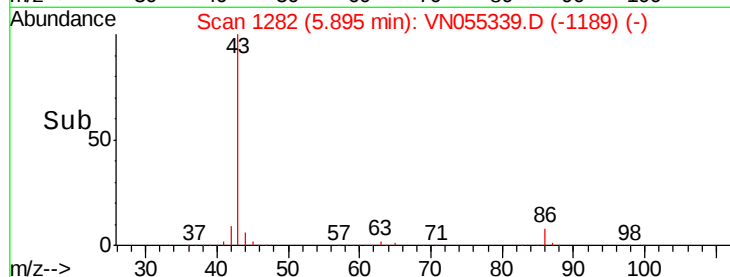
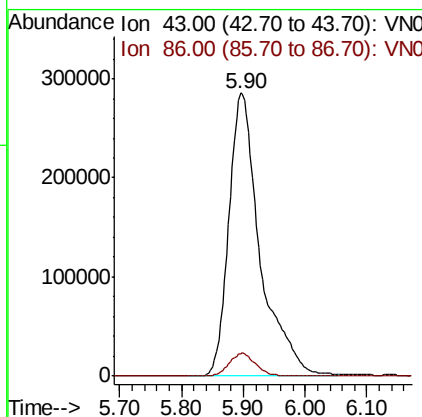
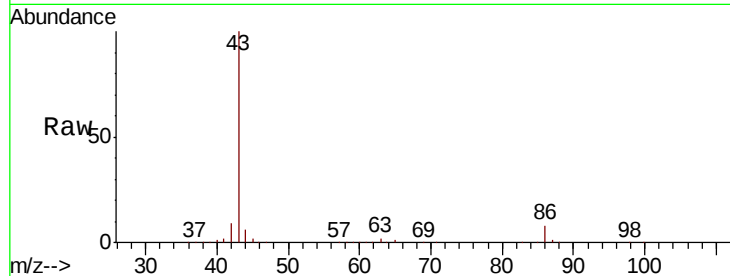
#23
 Vinyl Acetate
 Concen: 101.969 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Tgt Ion: 43 Resp: 1004084
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.6 10.0

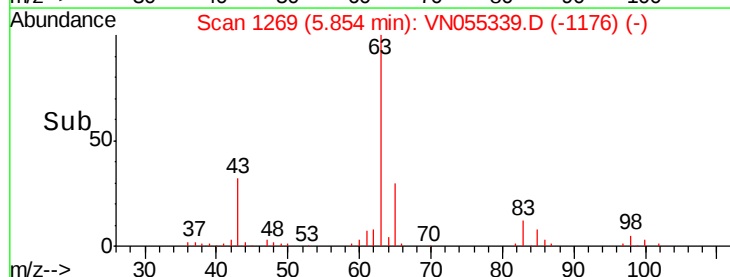
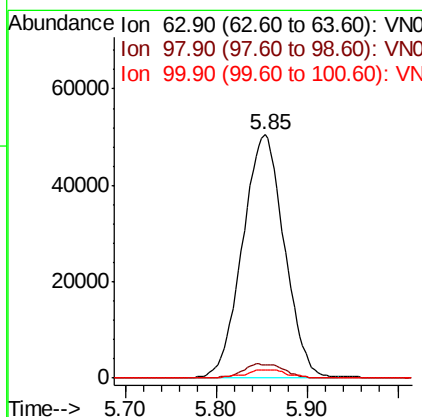
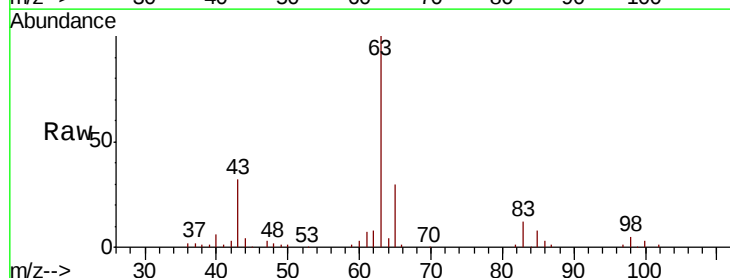
Manual Integrations
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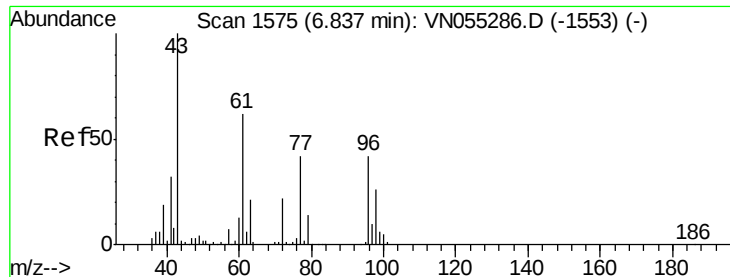
MMDadoda
 5/3/2019 1:09:12 PM



#24
 1,1-Dichloroethane
 Concen: 20.142 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion: 63 Resp: 161244
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.0 9.0
 100 3.4 1.8 5.4





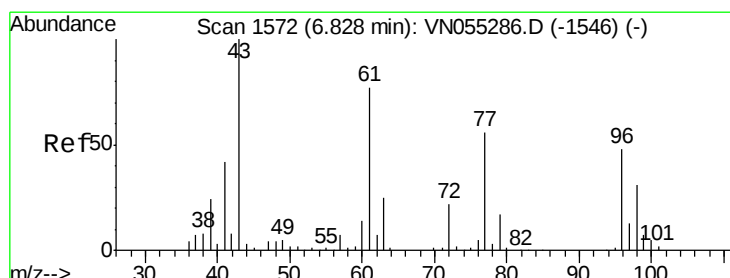
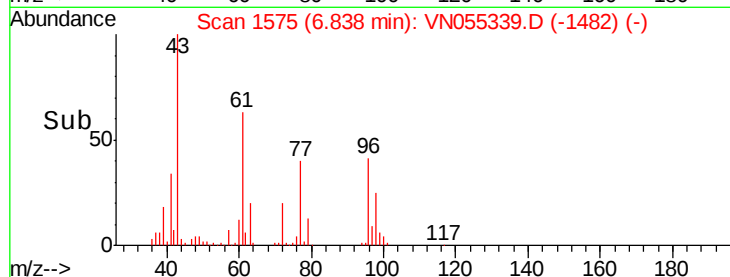
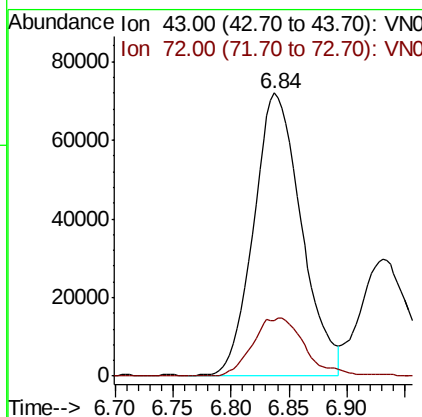
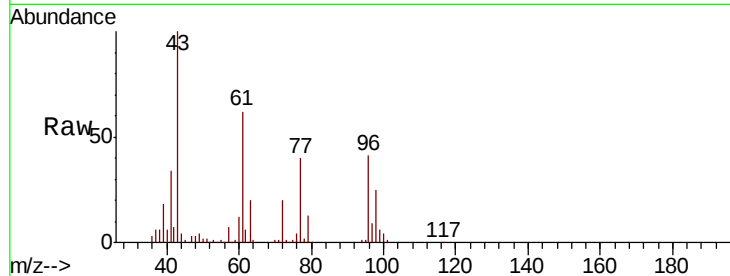
#25
2-Butanone
Concen: 106.664 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampled :
VN0502WBS01

Tgt Ion: 43 Resp: 205515
Ion Ratio Lower Upper
43 100
72 19.7 18.0 27.0

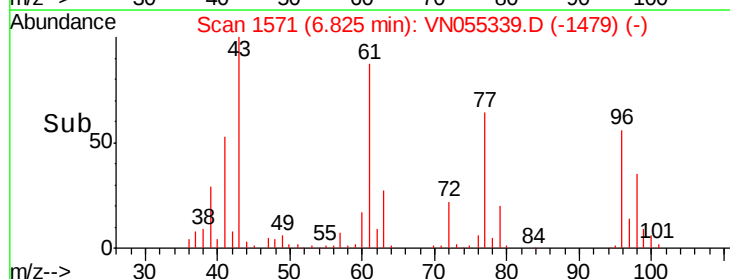
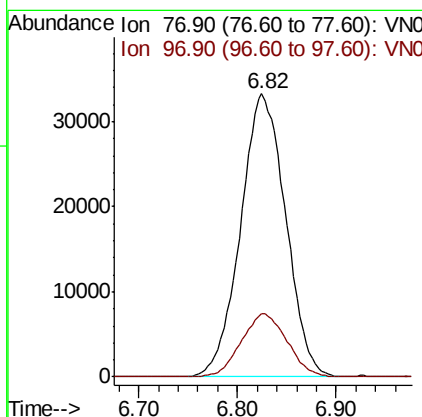
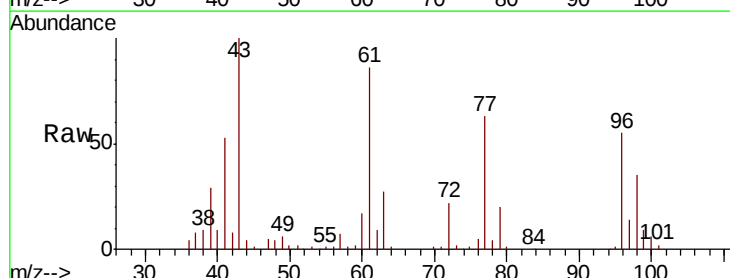
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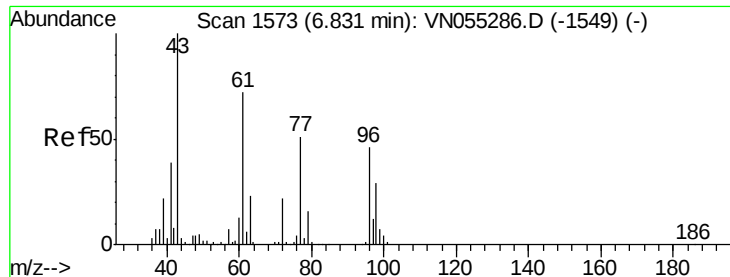
MMDadoda
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#26
2,2-Dichloropropane
Concen: 19.025 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 77 Resp: 105171
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





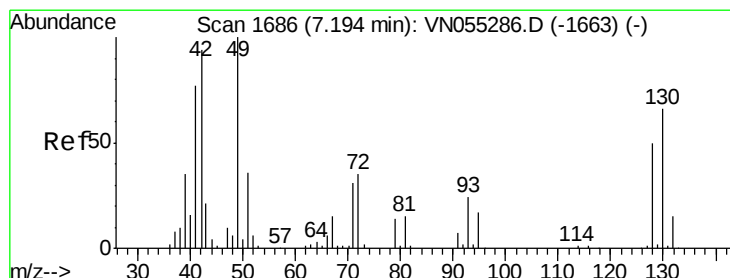
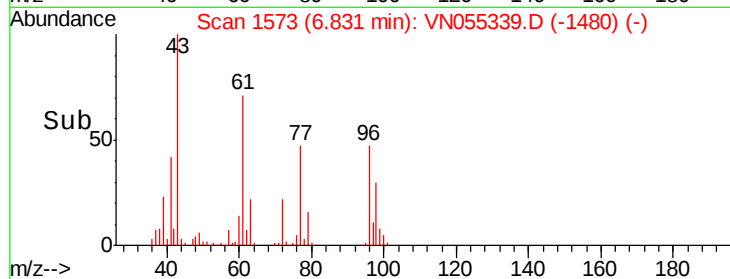
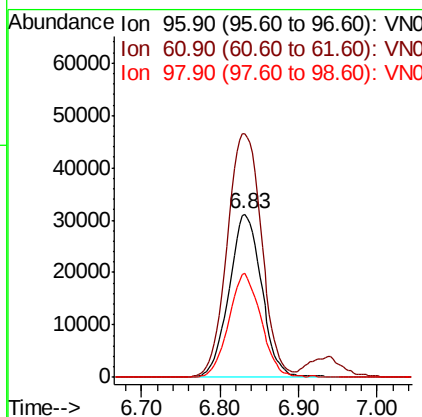
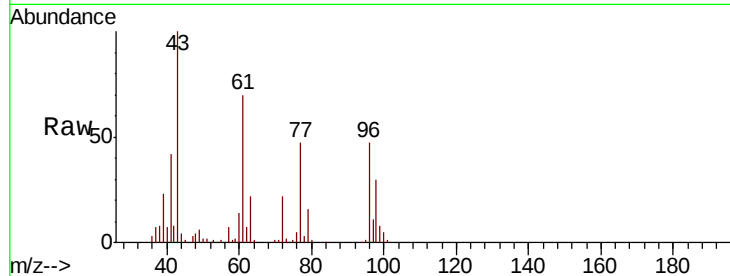
#27
 cis-1,2-Dichloroethene
 Concen: 20.449 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	89918		
61	157.6	0.0	316.2	
98	62.8	0.0	126.6	

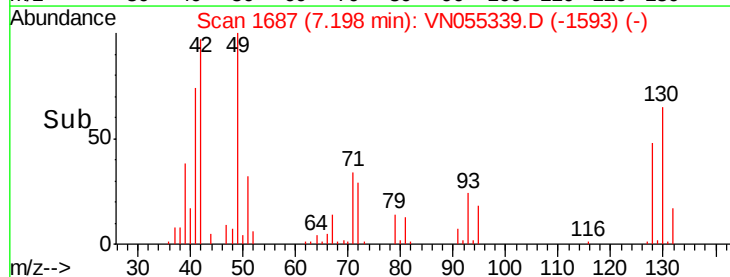
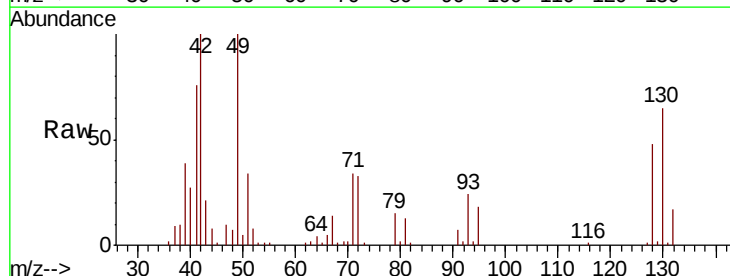
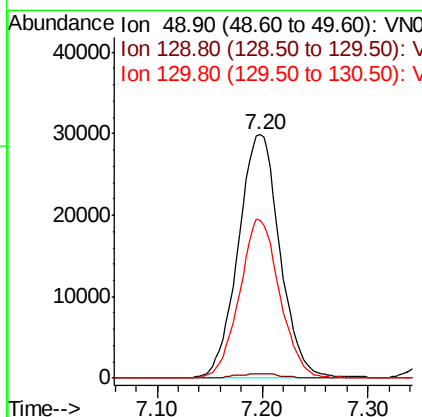
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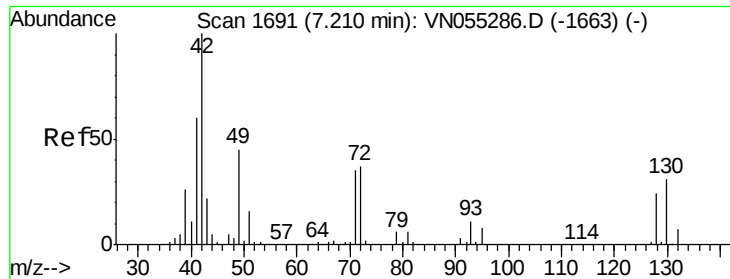
MMDadoda
 5/3/2019 1:09:12 PM



#28
 Bromochloromethane
 Concen: 20.317 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81981		
129	1.0	0.0	2.4	
130	62.9	52.0	78.0	





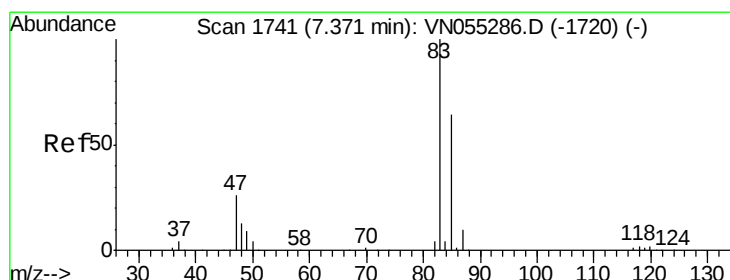
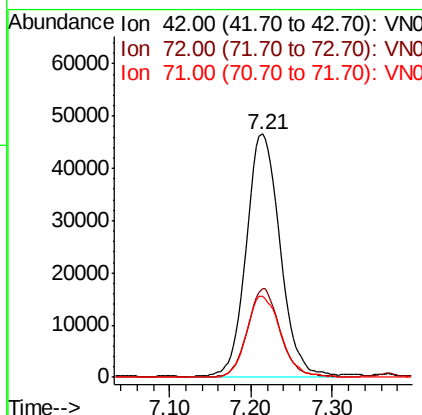
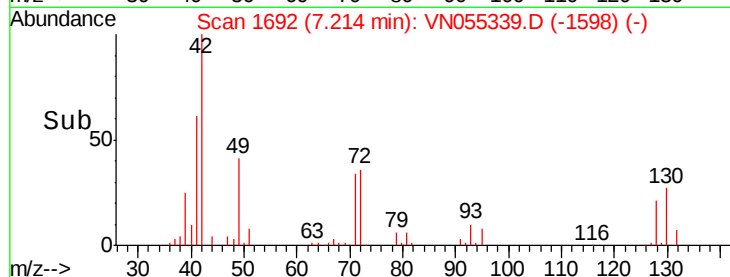
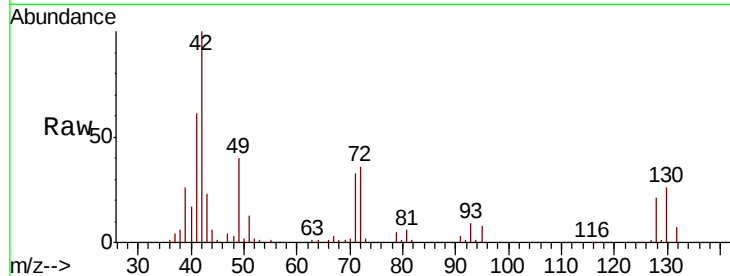
#29
Tetrahydrofuran
Concen: 108.809 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	34.9	29.0	43.6
71	33.6	27.1	40.7

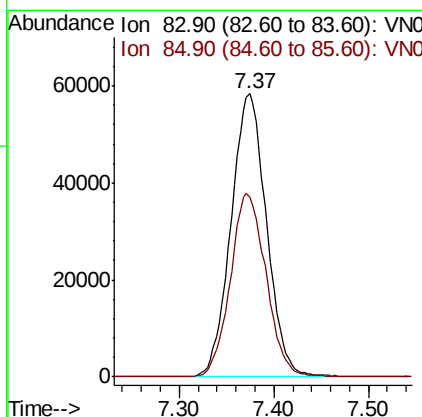
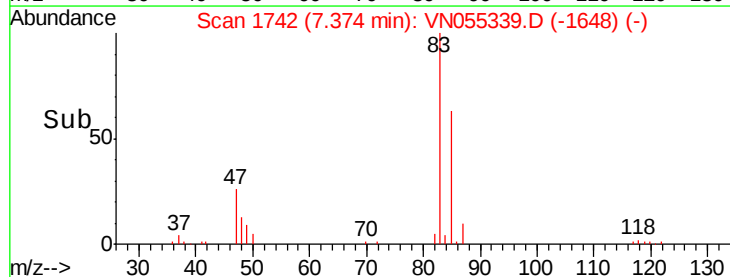
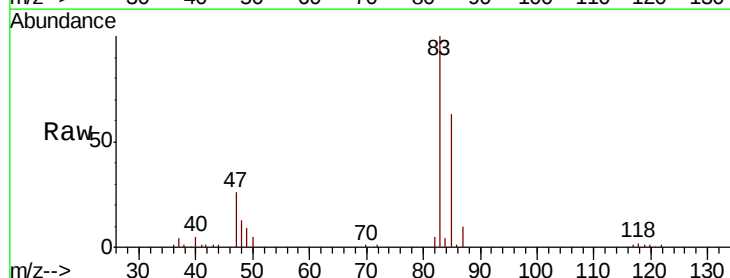
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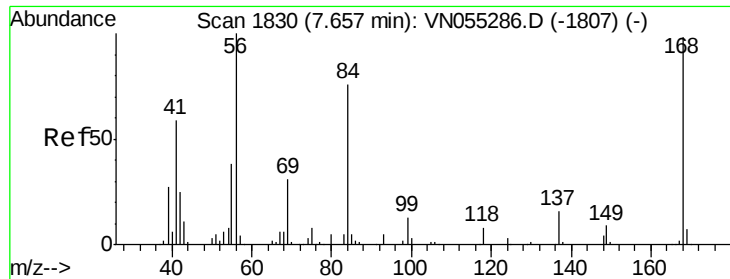
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#30
Chloroform
Concen: 20.050 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.2





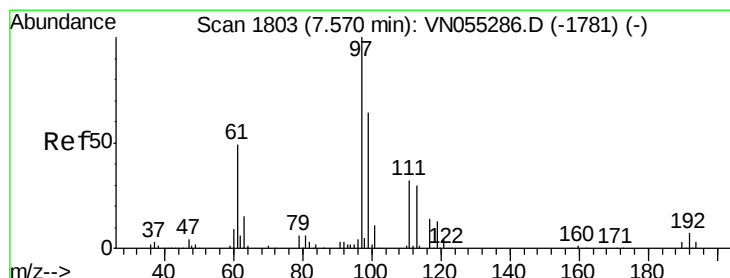
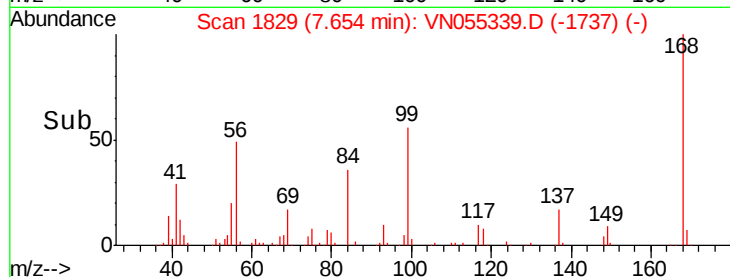
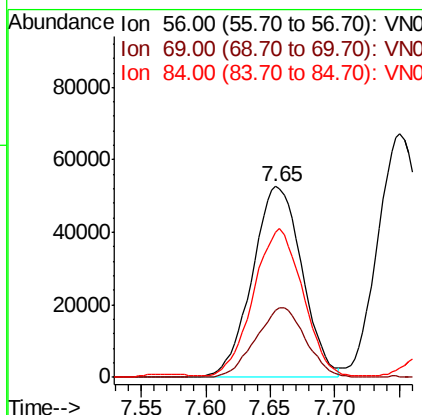
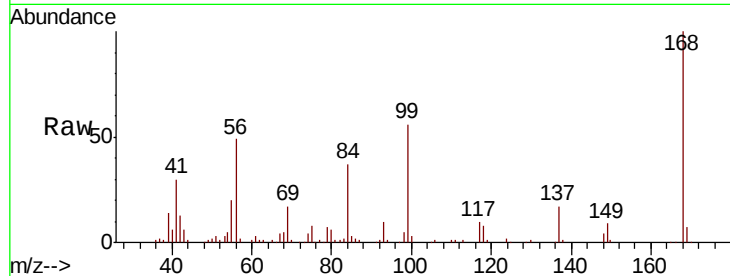
#31
Cyclohexane
Concen: 18.593 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampled :
VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.0	25.2	37.8
84	75.2	61.1	91.7

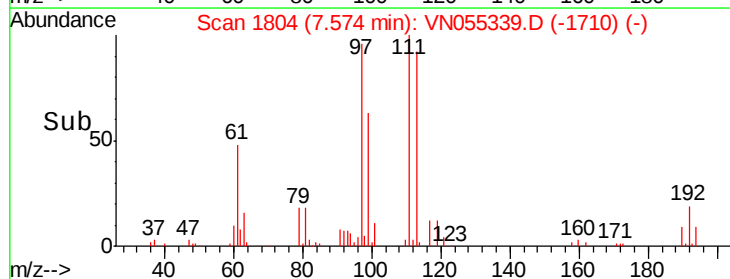
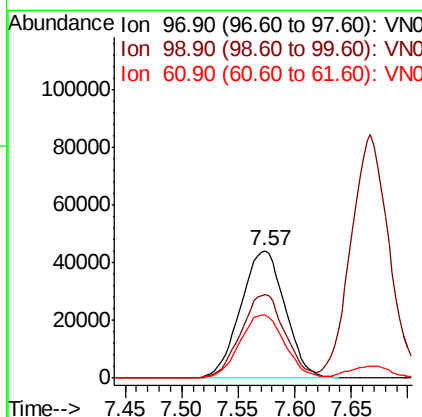
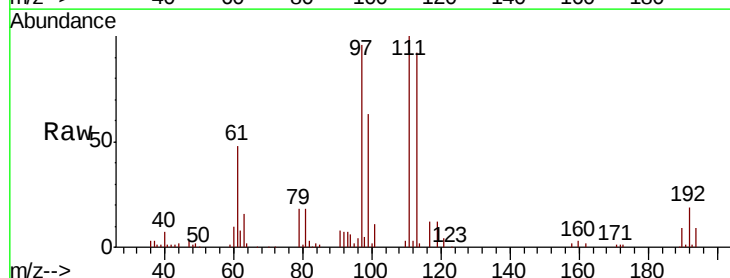
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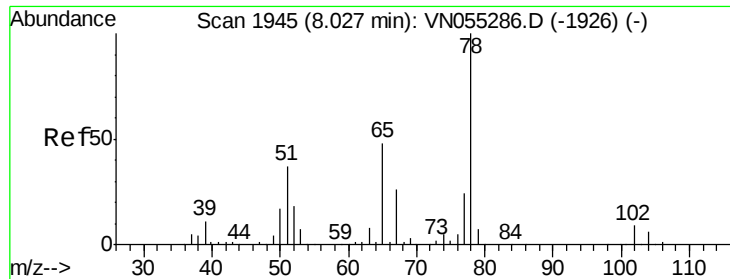
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5/3/2019 1:09:12 PM



#32
1,1,1-Trichloroethane
Concen: 19.605 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	50.0	39.0	58.6





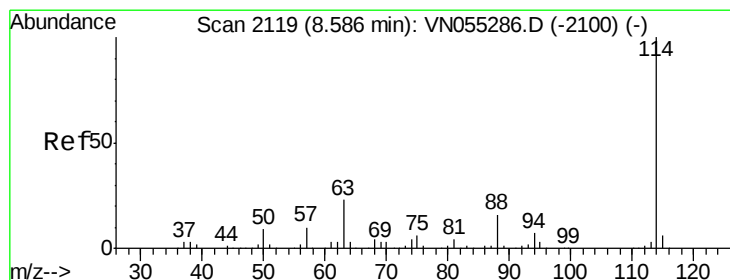
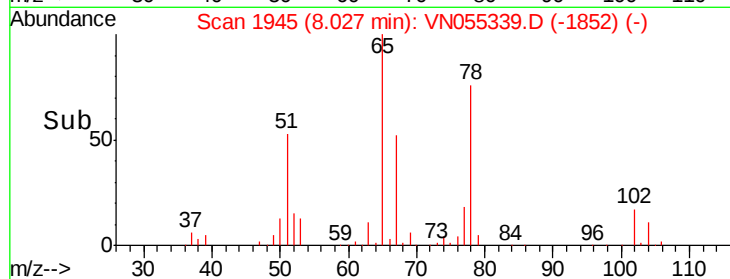
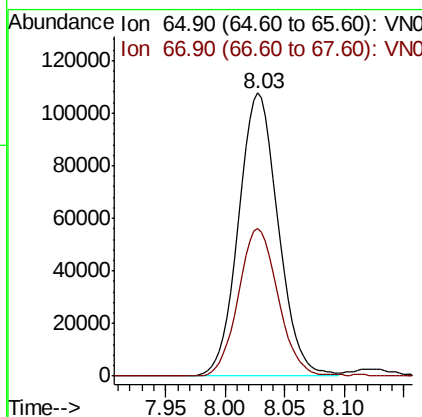
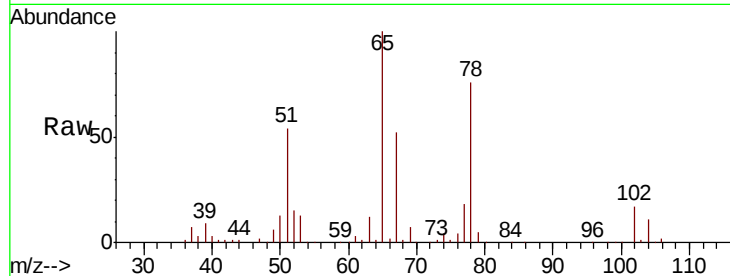
#33
 1,2-Dichloroethane-d4
 Concen: 51.540 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Tgt Ion: 65 Resp: 249207
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8

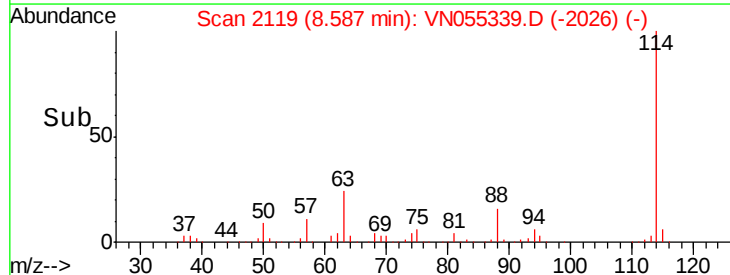
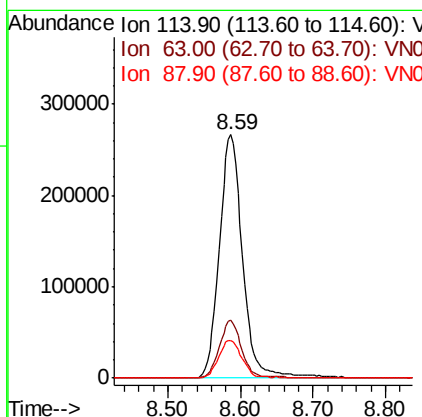
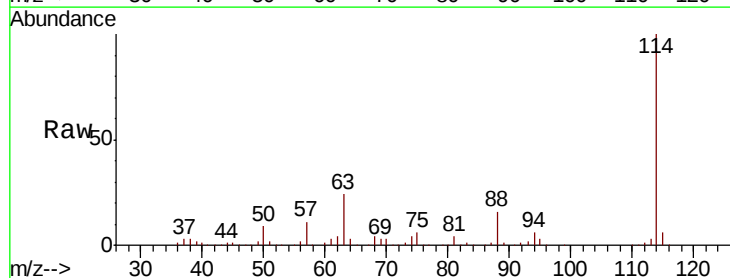
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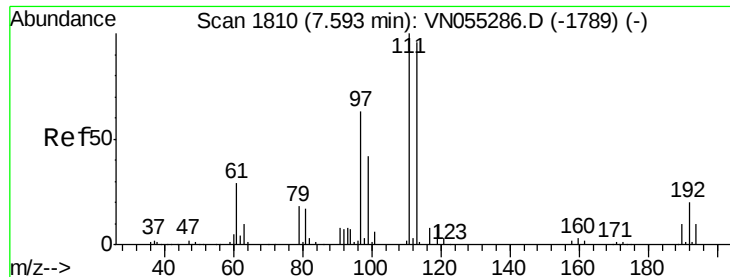
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion: 114 Resp: 593226
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.2
 88 15.5 0.0 31.6





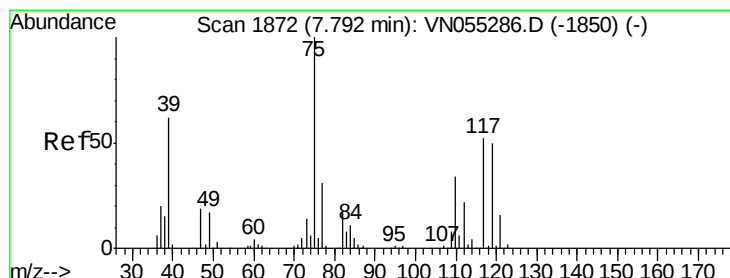
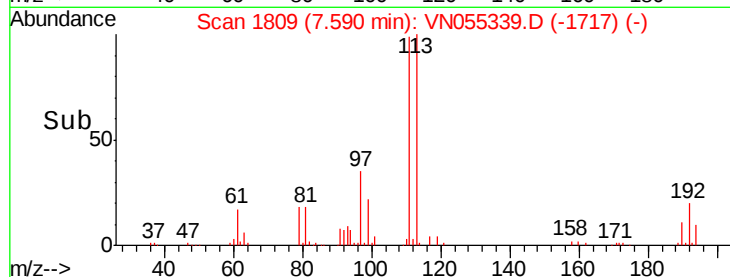
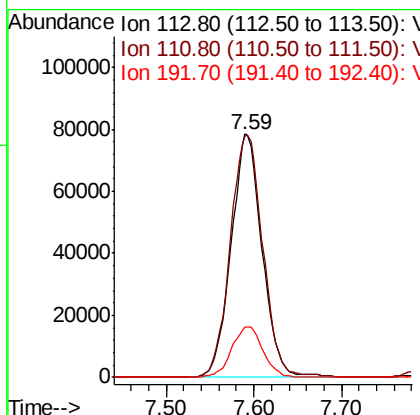
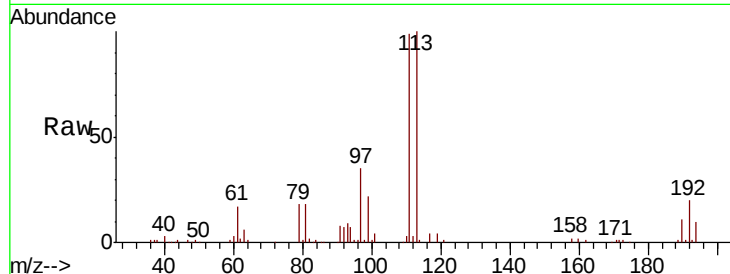
#35
 Dibromofluoromethane
 Concen: 49.666 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	193385		
111	103.8	82.3	123.5	
192	20.9	17.0	25.6	

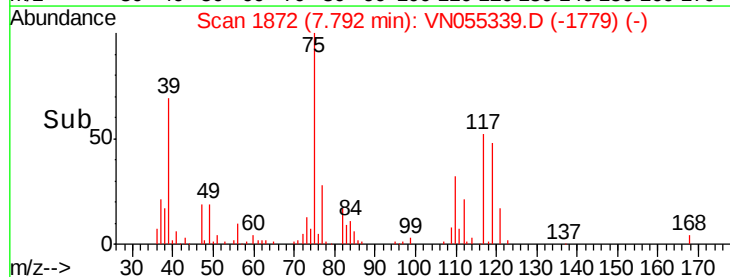
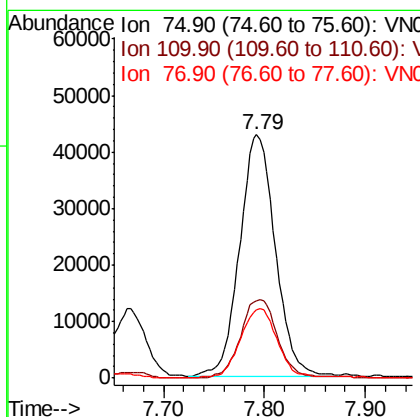
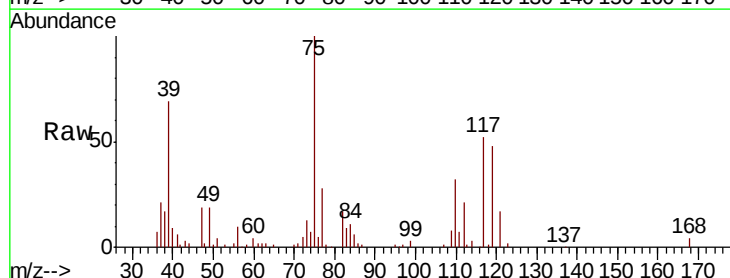
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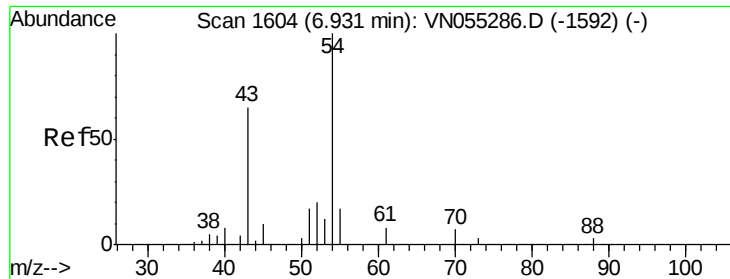
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#36
 1,1-Dichloropropene
 Concen: 18.488 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	105055		
110	33.5	16.8	50.4	
77	29.9	25.0	37.6	





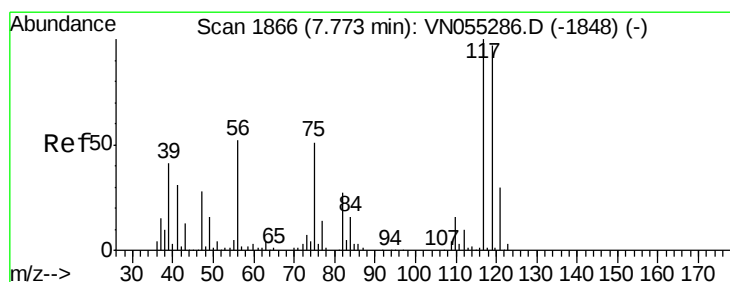
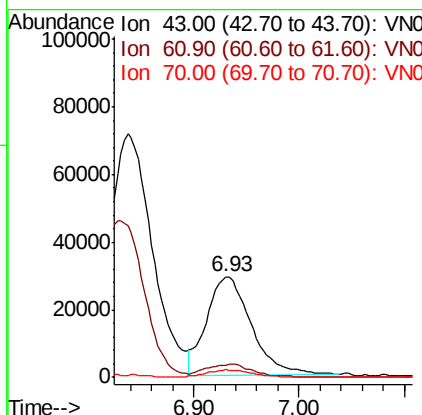
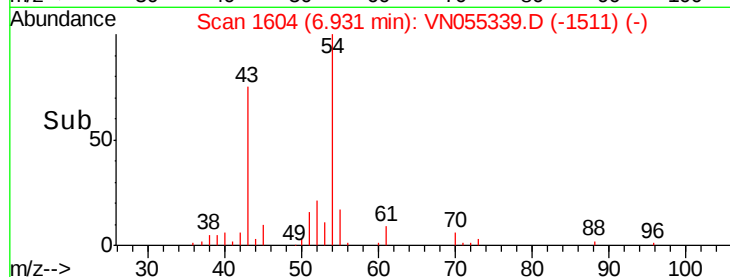
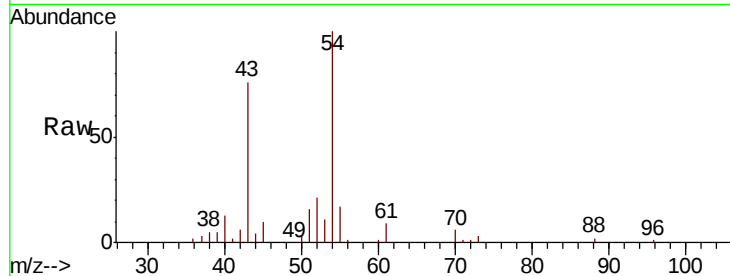
#37
Ethyl Acetate
Concen: 19.590 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion: 43 Resp: 85312
Ion Ratio Lower Upper
43 100
61 14.4 10.4 15.6
70 7.9 6.6 10.0

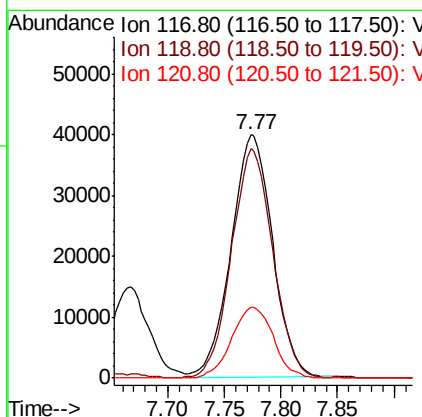
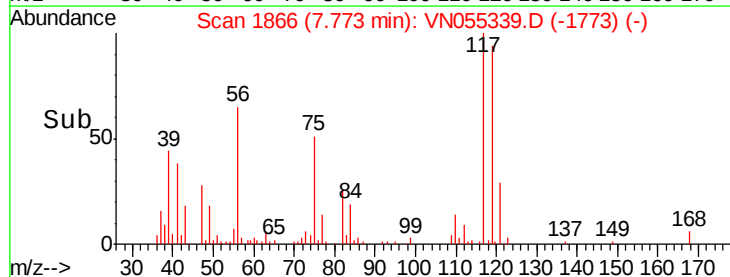
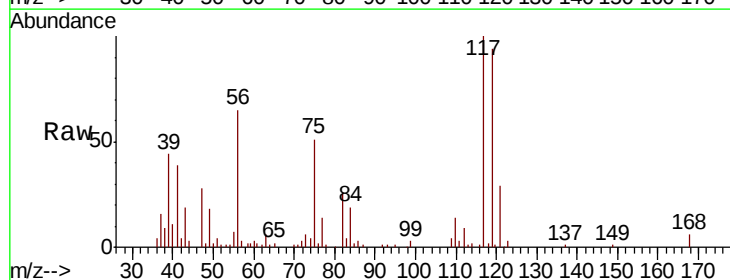
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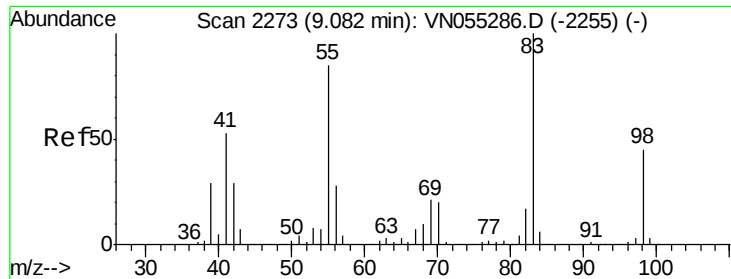
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.499 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 117 Resp: 101400
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.6
121 29.1 23.8 35.8





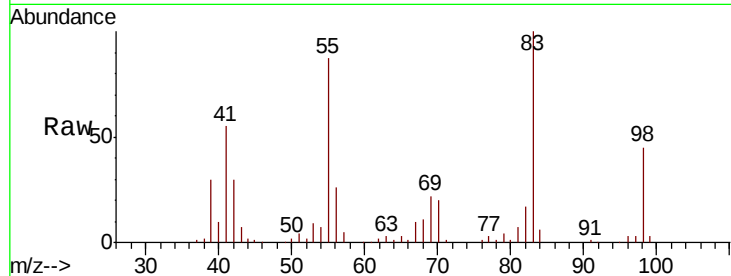
#39
Methylcyclohexane
Concen: 18.714 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

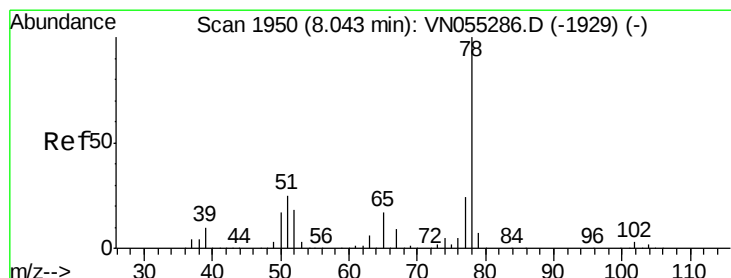
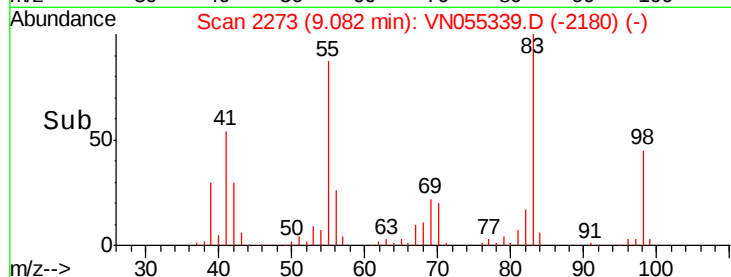
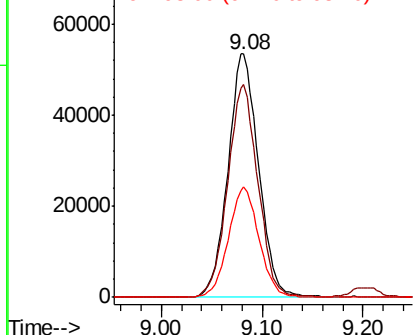
Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.3	67.8	101.6
98	45.2	36.2	54.4

Manual Integrations
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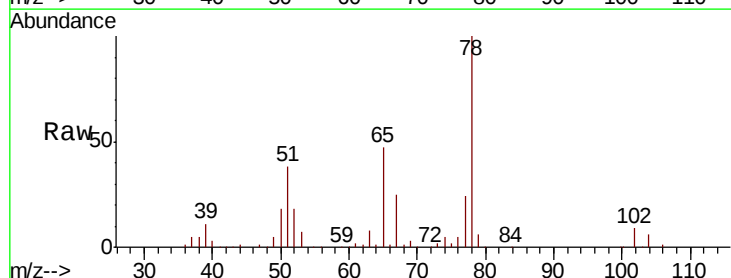


Abundance Ion 83.00 (82.70 to 83.70): VN055286.D (-2255) (-)
Ion 55.00 (54.70 to 55.70): VN055286.D (-2255) (-)
Ion 98.00 (97.70 to 98.70): VN055286.D (-2255) (-)

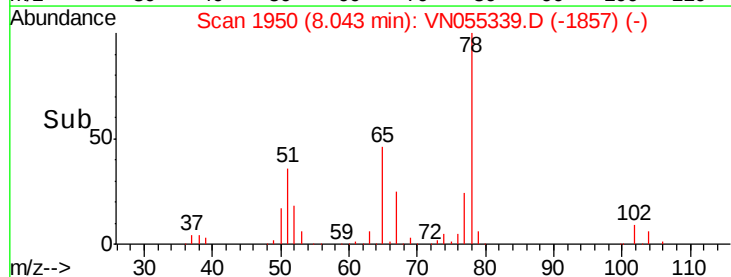
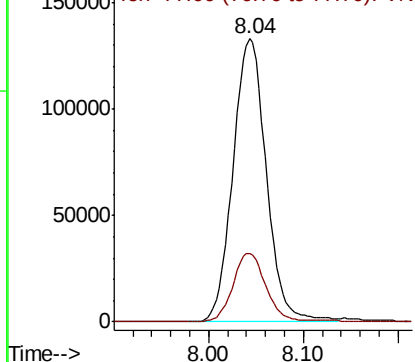


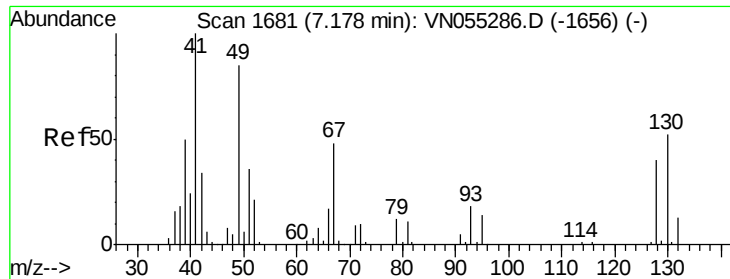
#40
Benzene
Concen: 19.508 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6



Abundance Ion 78.00 (77.70 to 78.70): VN055286.D (-1929) (-)
Ion 77.00 (76.70 to 77.70): VN055286.D (-1929) (-)





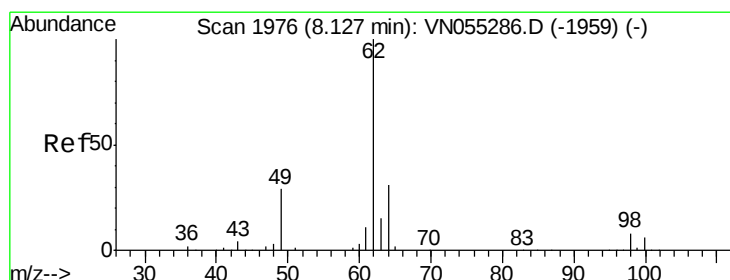
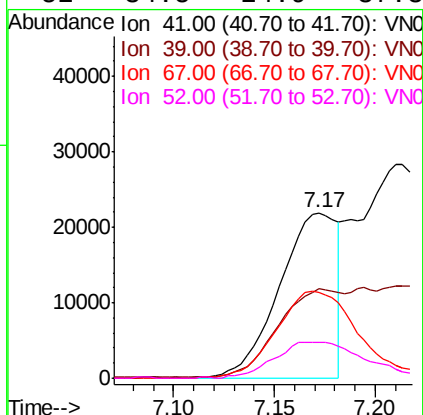
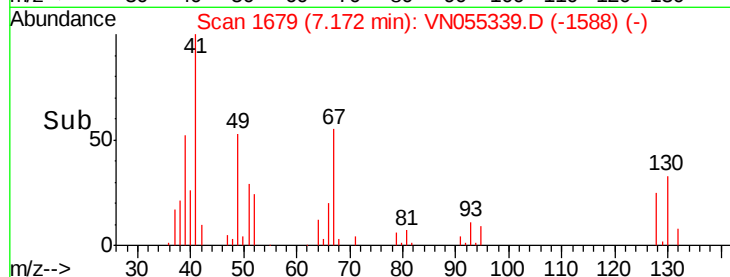
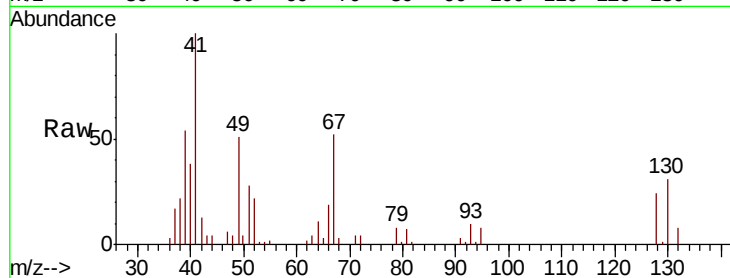
#41
Methacrylonitrile
Concen: 18.947 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.9	48.5	72.7
67	75.8	54.9	82.3
52	34.5	24.9	37.3

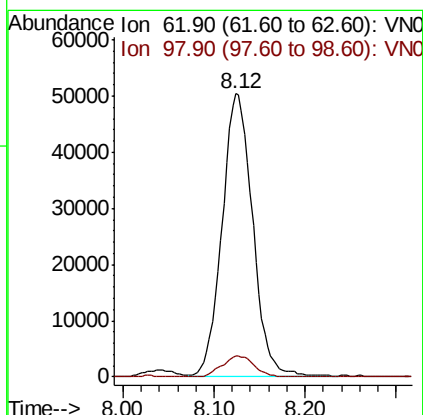
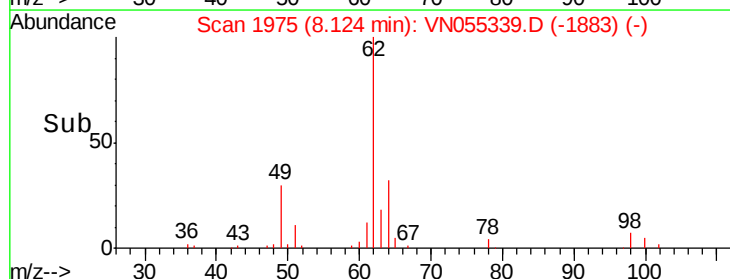
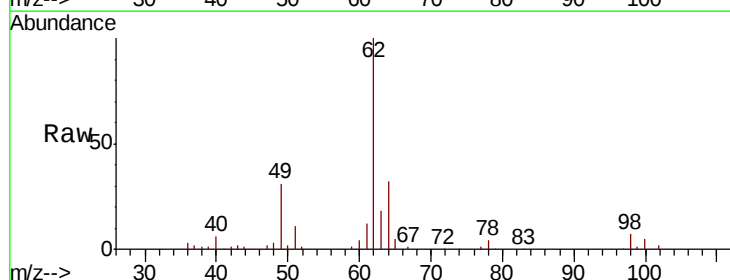
Manual Integrations
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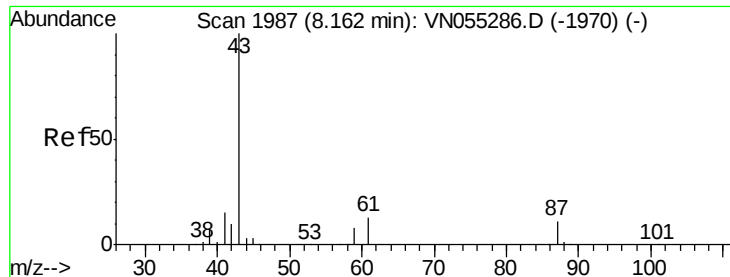
MMDadoda
5/3/2019 1:09:12 PM



#42
1,2-Dichloroethane
Concen: 19.768 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.4





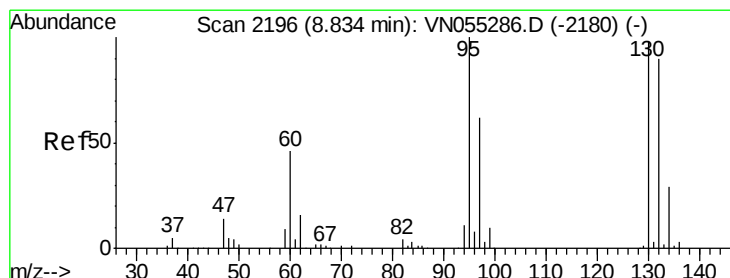
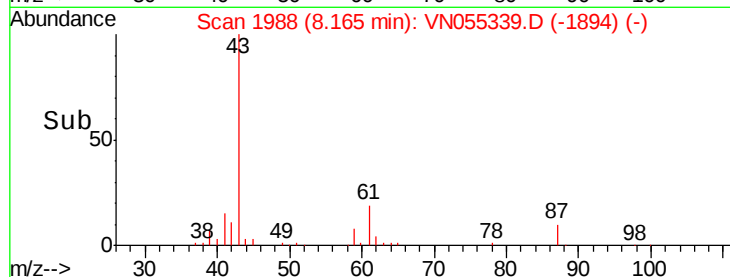
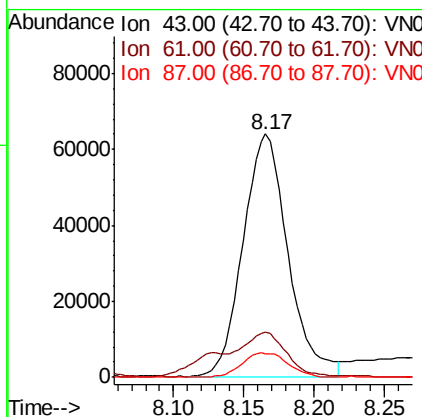
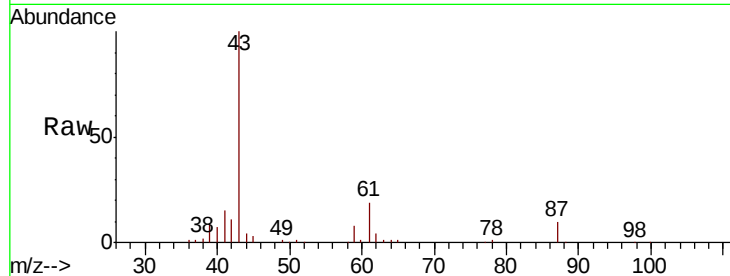
#43
Isopropyl Acetate
Concen: 20.313 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.8	20.8	31.2#
87	10.6	8.5	12.7

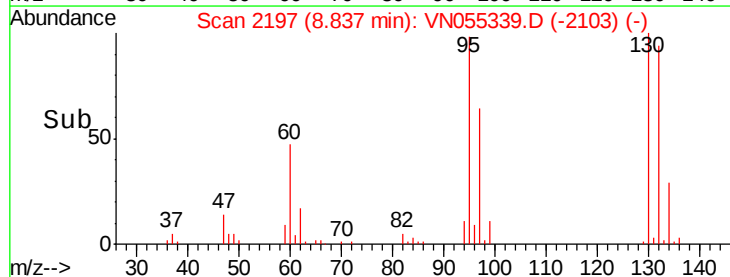
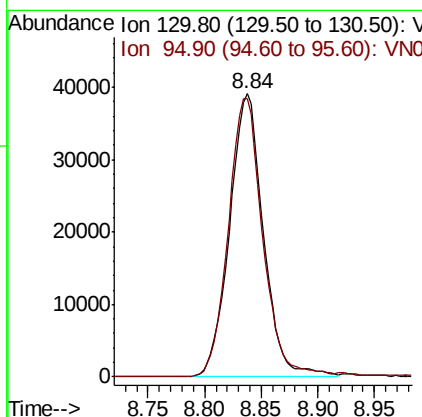
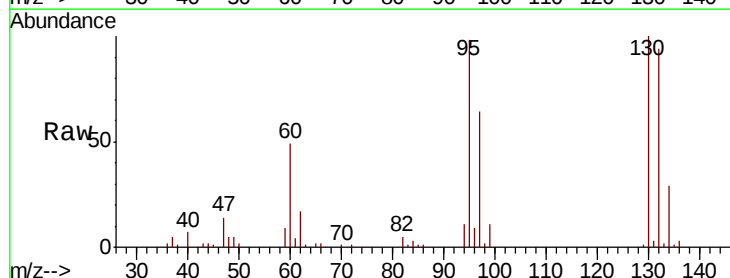
Manual Integrations
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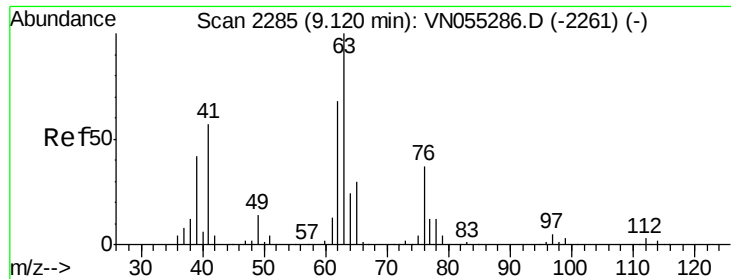
MMDadoda
5/3/2019 1:09:12 PM



#44
Trichloroethene
Concen: 19.117 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	203.4





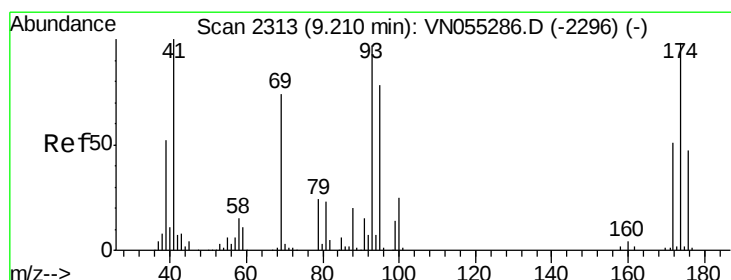
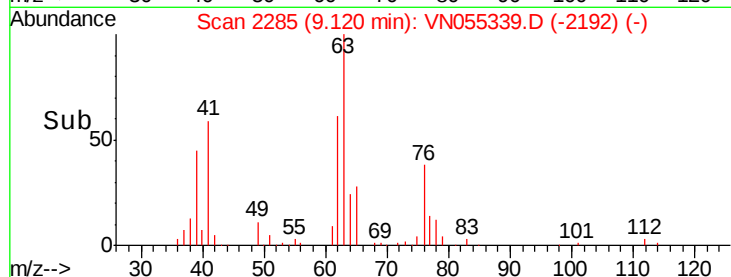
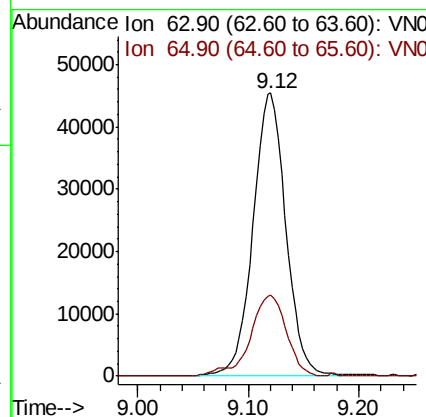
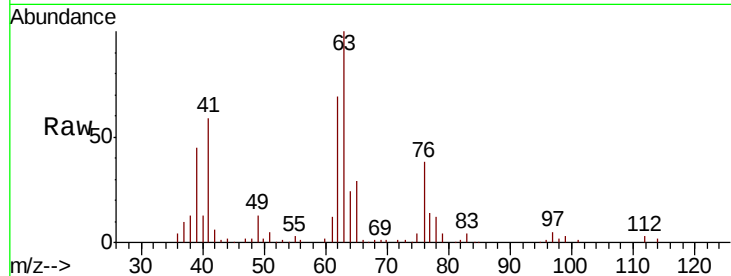
#45
 1,2-Dichloropropane
 Concen: 19.442 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0502WBS01

Tgt Ion: 63 Resp: 93930
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.9 35.9

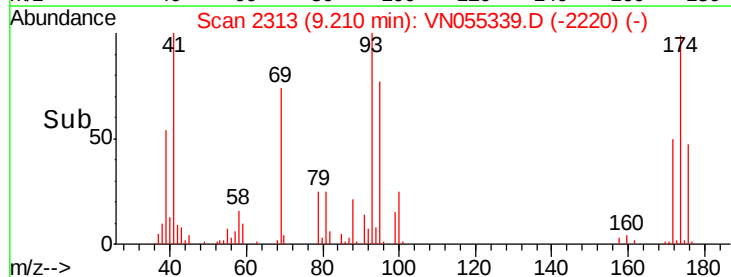
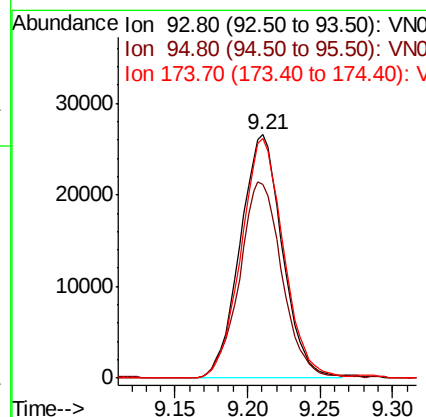
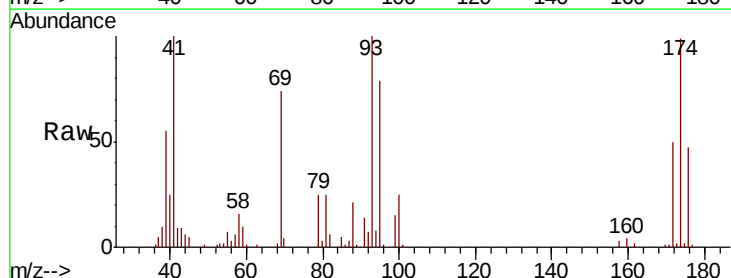
Manual Integrations
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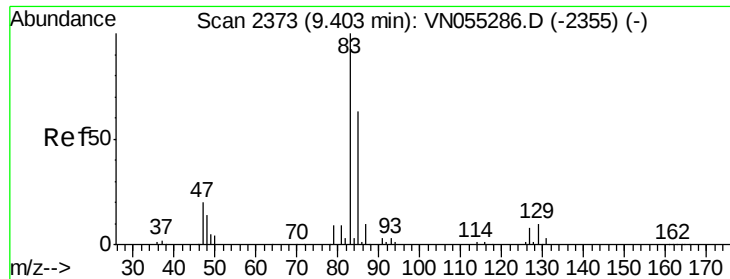
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 5/3/2019 1:09:12 PM



#46
 Dibromomethane
 Concen: 20.356 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion: 93 Resp: 53755
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.7 98.5
 174 98.8 81.5 122.3





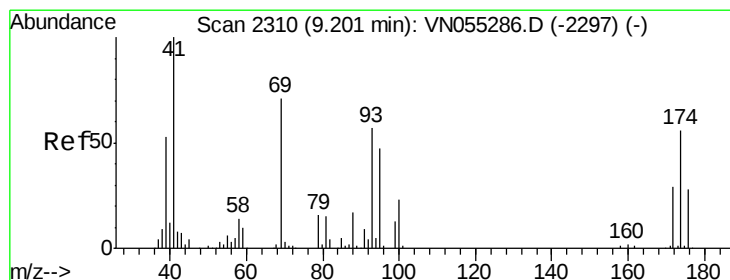
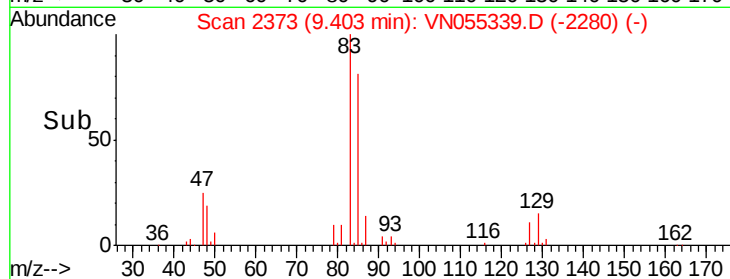
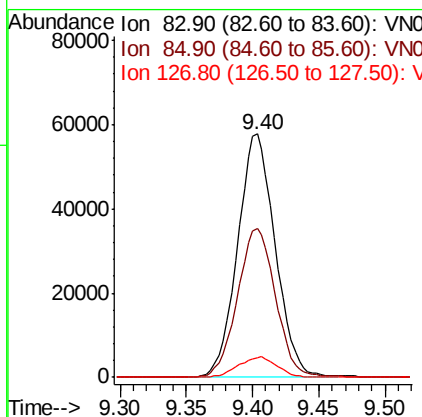
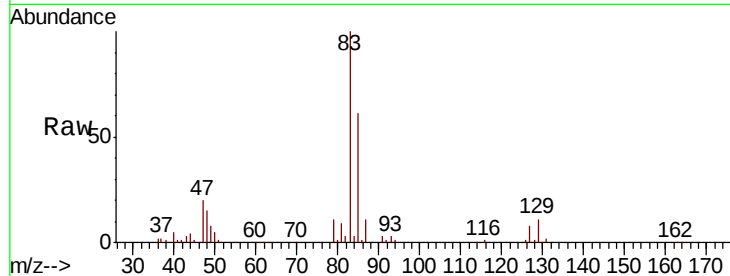
#47
Bromodichloromethane
Concen: 20.080 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	113759		
85	61.1	50.1	75.1	
127	8.2	6.7	10.1	

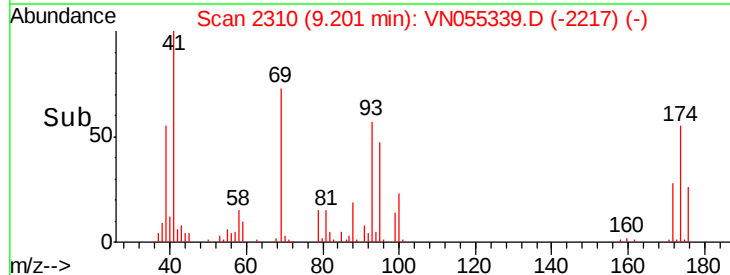
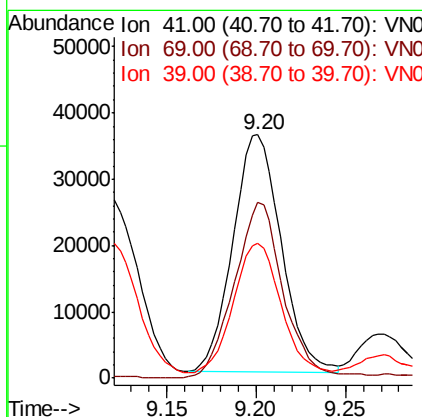
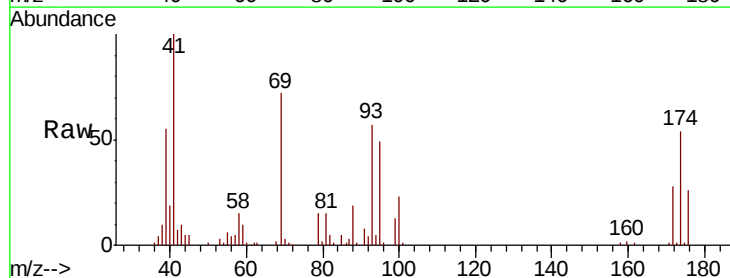
Manual Integrations
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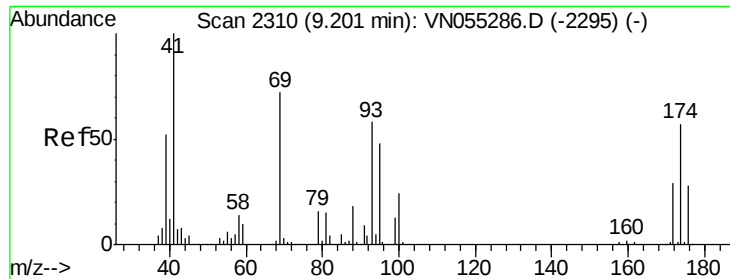
MMDadoda
5/3/2019 1:09:12 PM



#48
Methyl methacrylate
Concen: 19.781 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	68057		
69	75.0	58.6	87.8	
39	57.3	43.8	65.6	





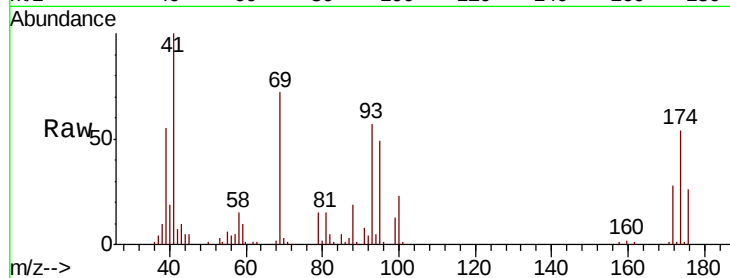
#49
 1,4-Dioxane
 Concen: 416.831 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

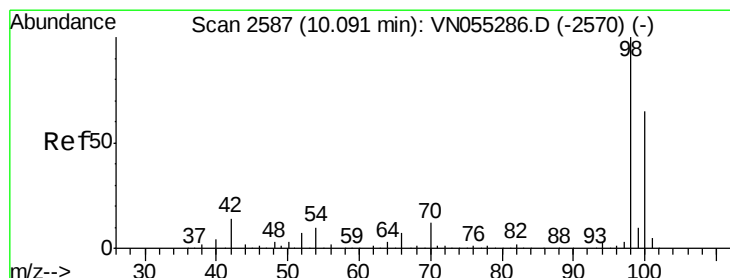
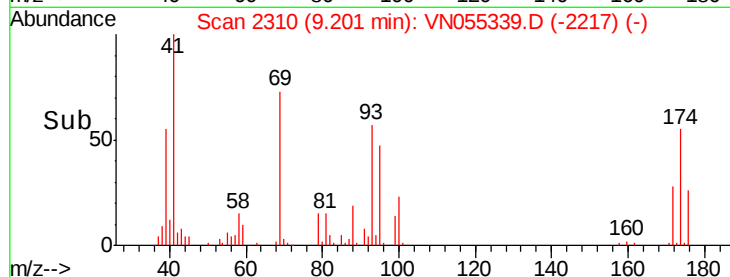
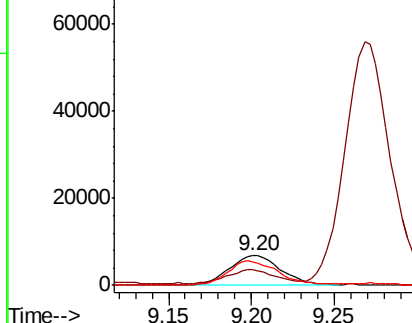
Tgt Ion	Ratio	Resp Lower	Resp Upper
88	100		
43	41.8	33.3	49.9
58	83.2	62.7	94.1

Manual Integrations
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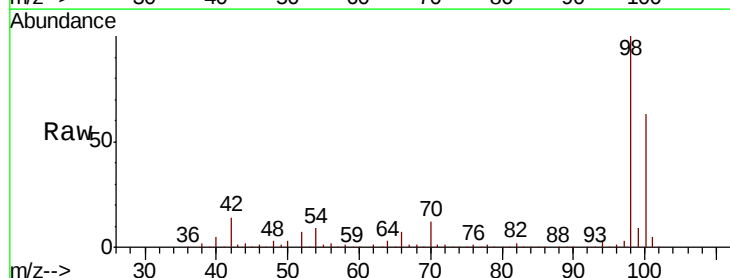


Abundance Ion 88.00 (87.70 to 88.70): VN055339.D (-2217) (-)
 Ion 43.00 (42.70 to 43.70): VN055339.D (-2217) (-)
 Ion 58.00 (57.70 to 58.70): VN055339.D (-2217) (-)

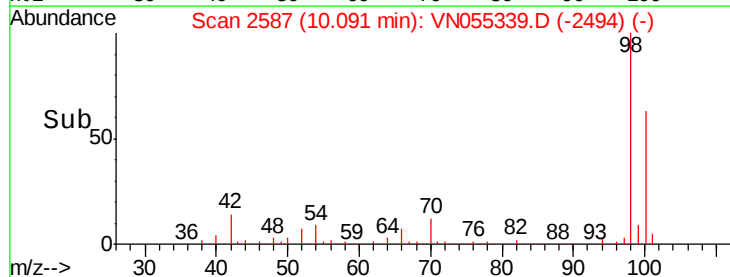
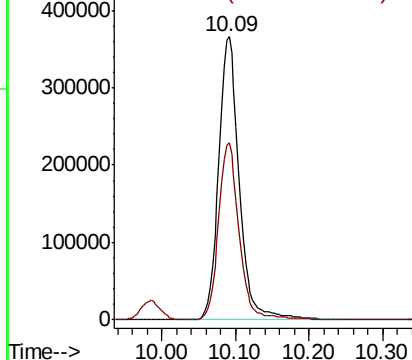


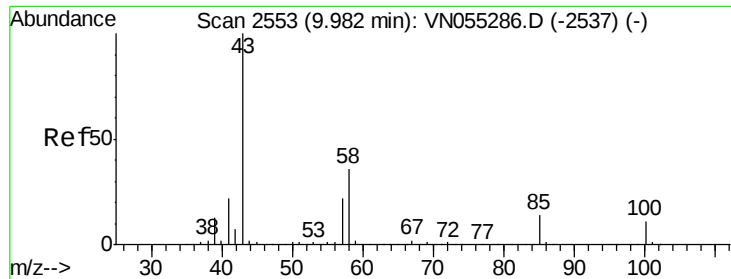
#50
 Toluene-d8
 Concen: 50.392 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
98	100		
100	63.0	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055339.D (-2494) (-)
 Ion 100.00 (99.70 to 100.70): VN055339.D (-2494) (-)





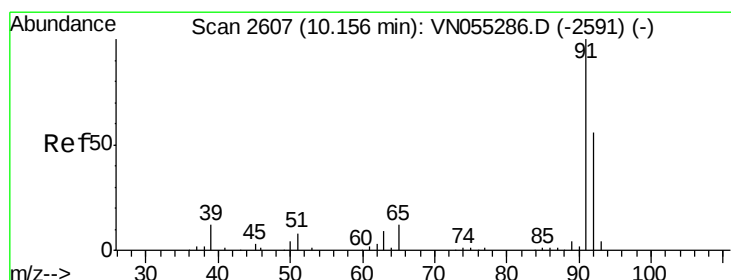
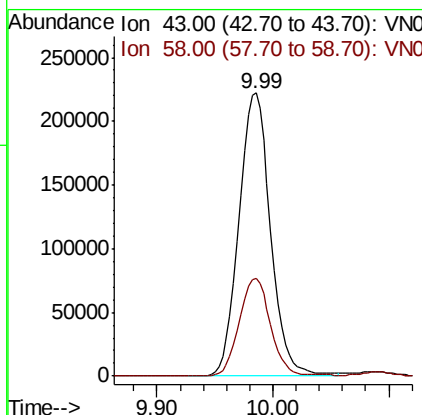
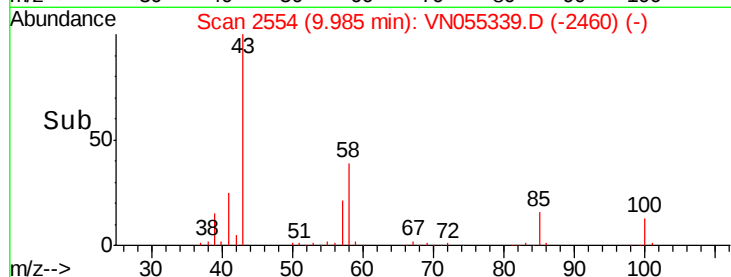
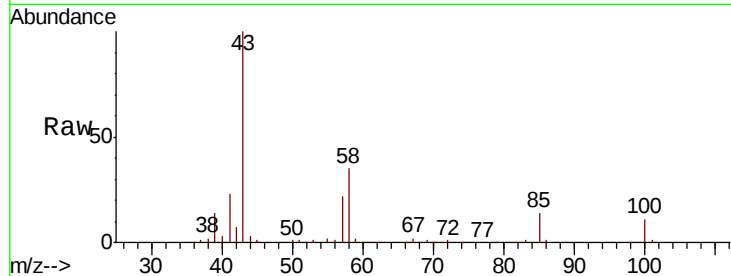
#51
4-Methyl-2-Pentanone
Concen: 106.283 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampled :
VN0502WBS01

Tgt Ion: 43 Resp: 418791
Ion Ratio Lower Upper
43 100
58 34.5 28.5 42.7

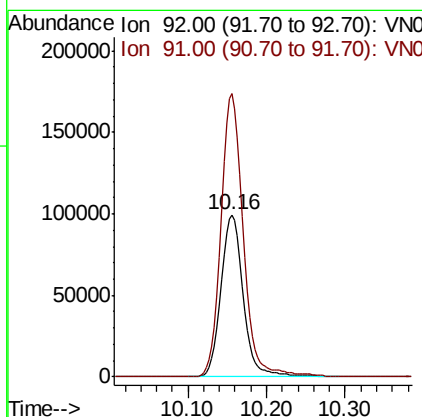
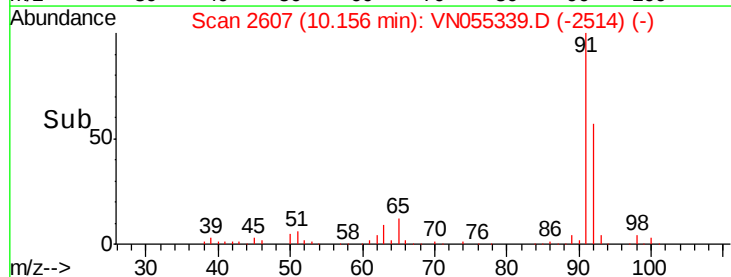
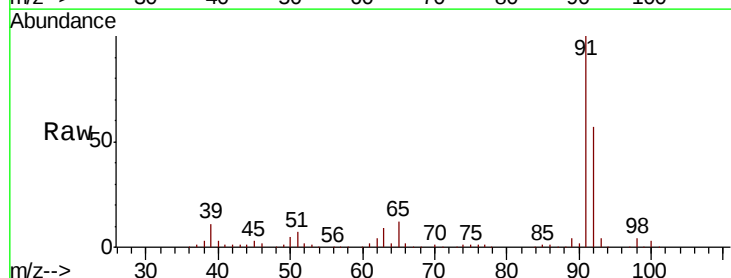
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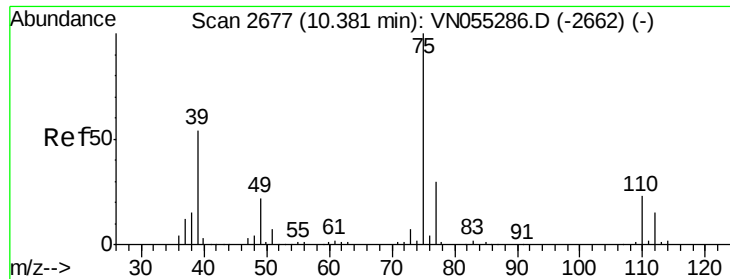
MMDadoda
5/3/2019 1:09:12 PM



#52
Toluene
Concen: 20.328 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 92 Resp: 195376
Ion Ratio Lower Upper
92 100
91 174.3 140.1 210.1





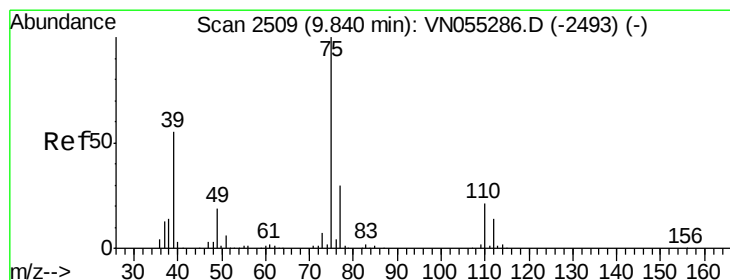
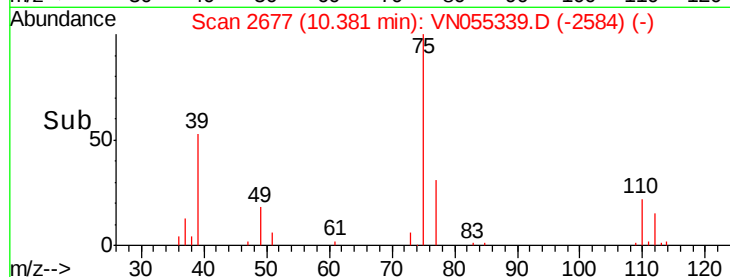
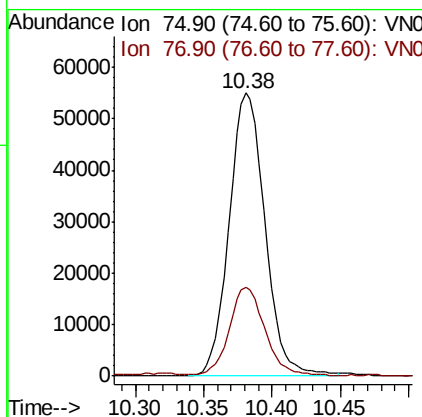
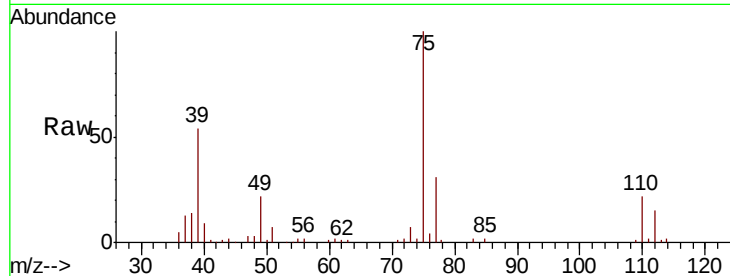
#53
t-1,3-Dichloropropene
Concen: 20.438 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampled :
VN0502WBS01

Tgt Ion: 75 Resp: 100516
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6

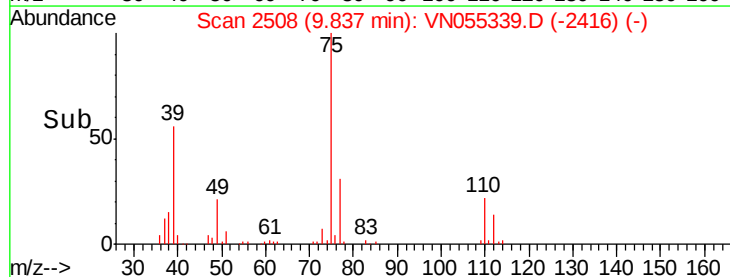
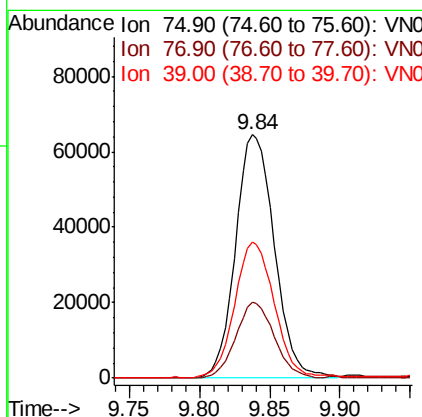
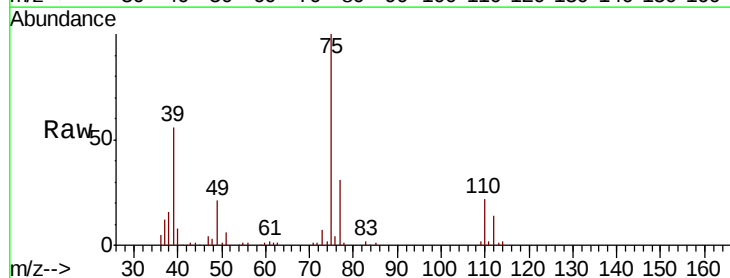
Manual Integrations
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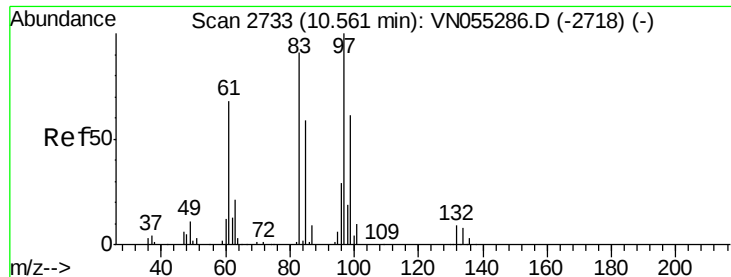
MMDadoda
5/3/2019 1:09:12 PM



#54
cis-1,3-Dichloropropene
Concen: 20.354 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 75 Resp: 124803
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.2
39 55.6 44.2 66.2





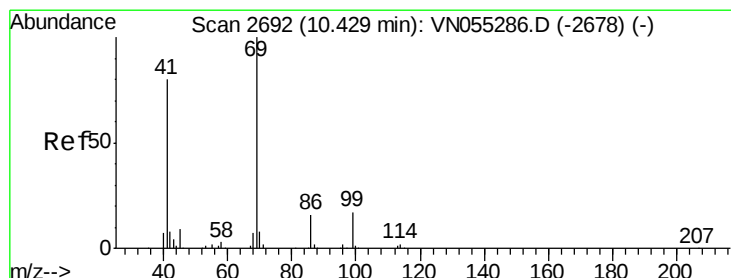
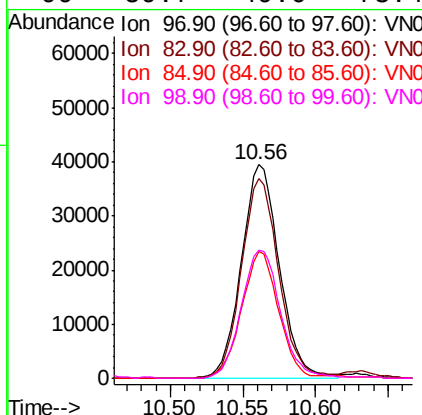
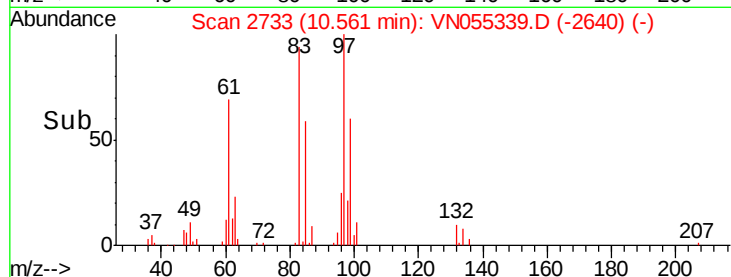
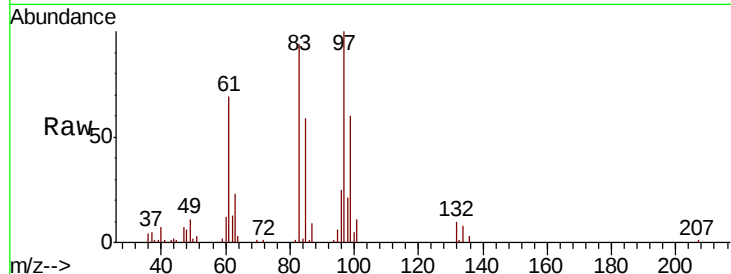
#55
 1,1,2-Trichloroethane
 Concen: 20.226 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Tgt Ion:	97	Resp:	72185
Ion	Ratio	Lower	Upper
97	100		
83	93.6	72.8	109.2
85	59.1	47.0	70.6
99	59.7	49.0	73.4

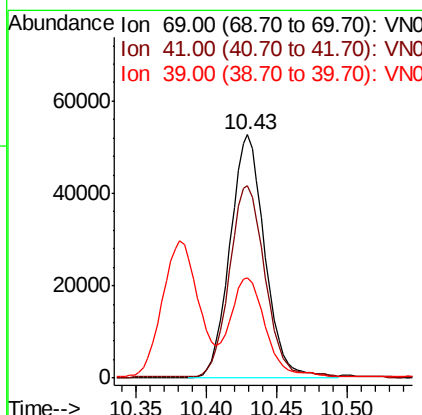
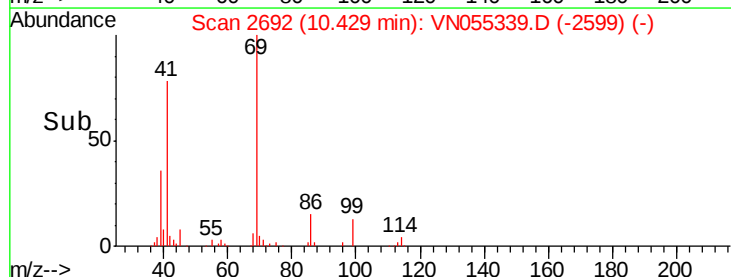
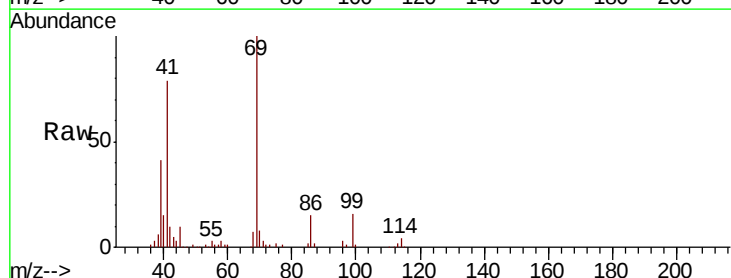
Manual Integrations
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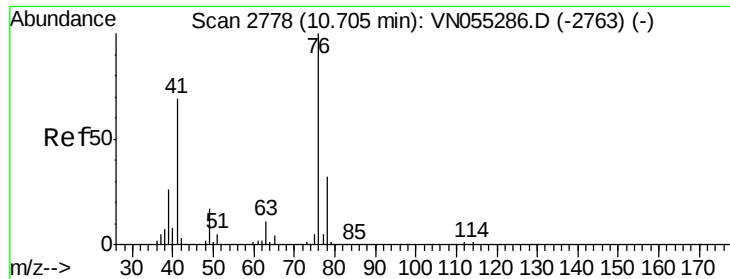
MMDadoda
 5/3/2019 1:09:12 PM



#56
 Ethyl methacrylate
 Concen: 20.808 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion:	69	Resp:	91407
Ion	Ratio	Lower	Upper
69	100		
41	80.3	62.7	94.1
39	41.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.294 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion: 76 Resp: 127058

Ion Ratio Lower Upper

76 100

78 32.9

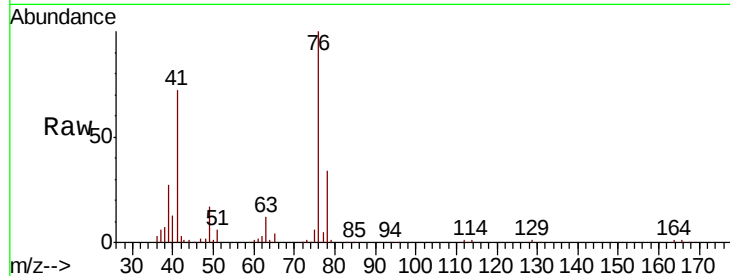
25.6

38.4

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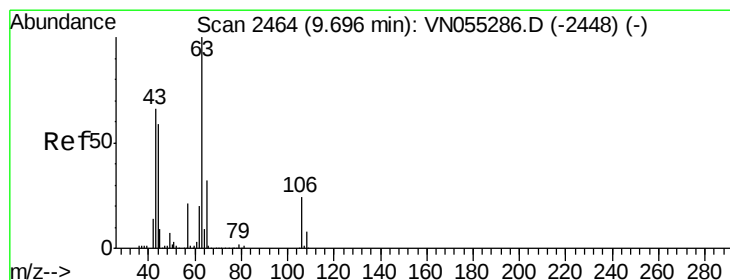
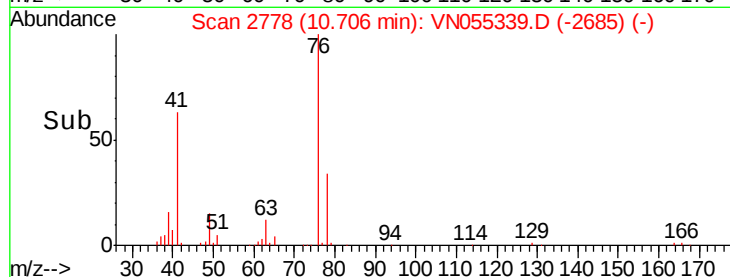
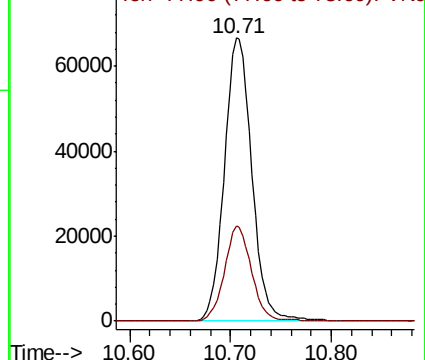
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 88.706 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Tgt Ion: 63 Resp: 109453

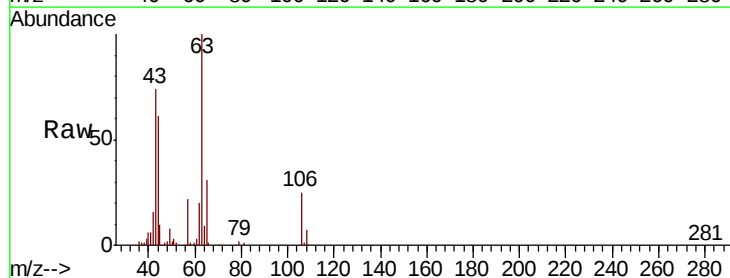
Ion Ratio Lower Upper

63 100

106 24.0

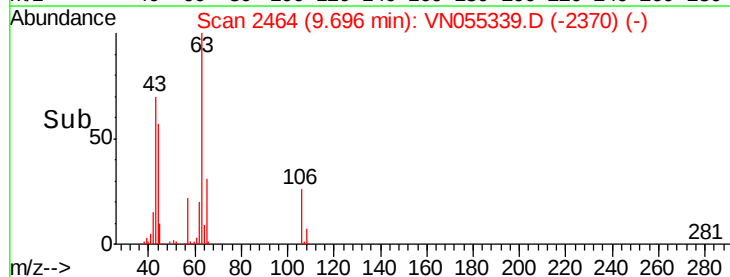
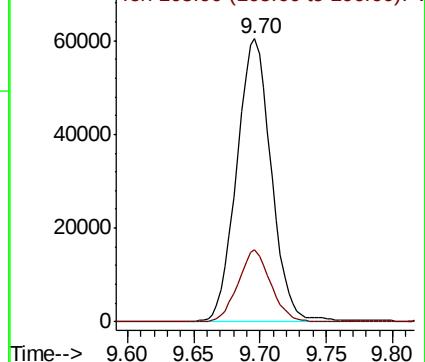
19.0

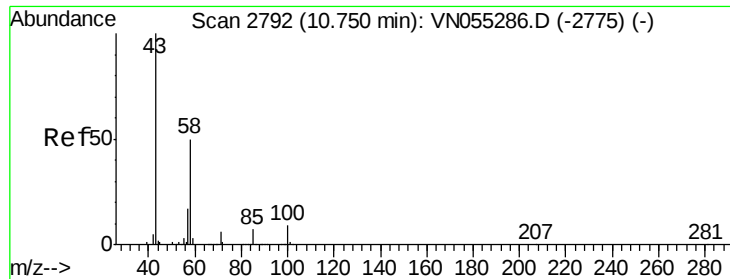
28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





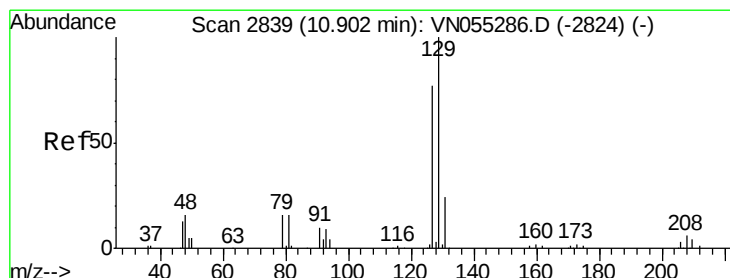
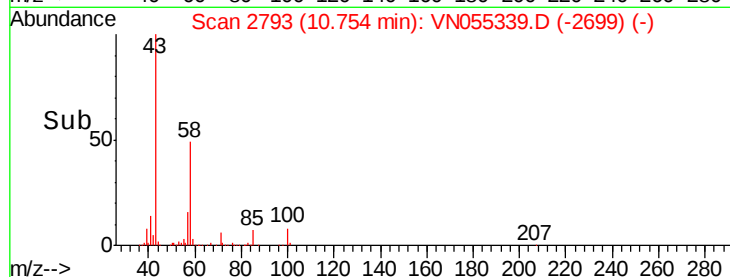
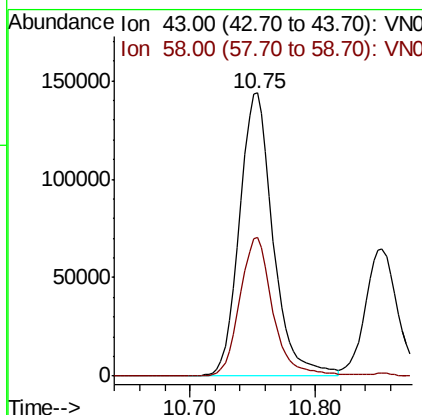
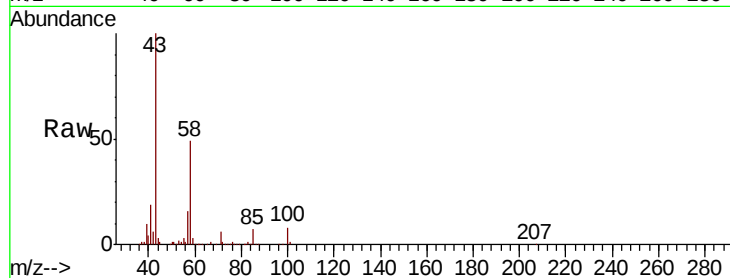
#59
2-Hexanone
Concen: 108.618 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion: 43 Resp: 267787
Ion Ratio Lower Upper
43 100
58 48.3 24.9 74.6

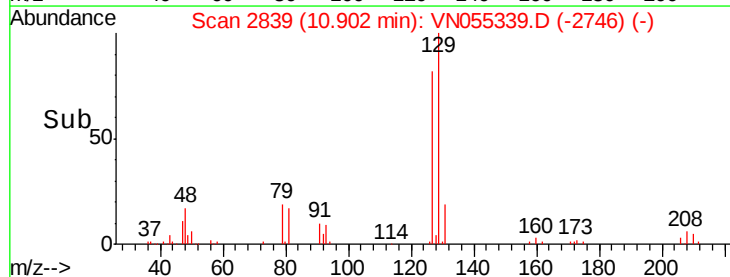
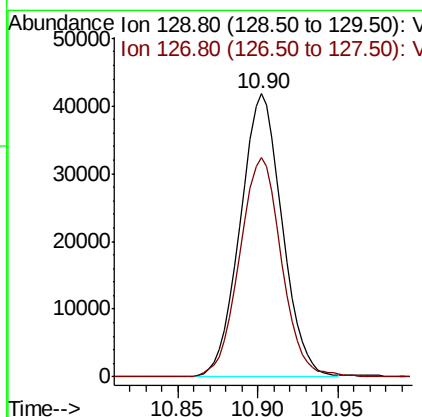
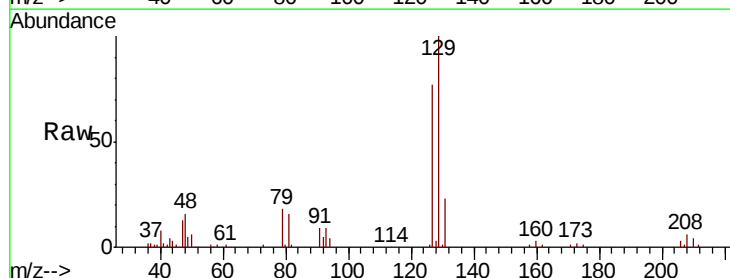
Manual Integrations
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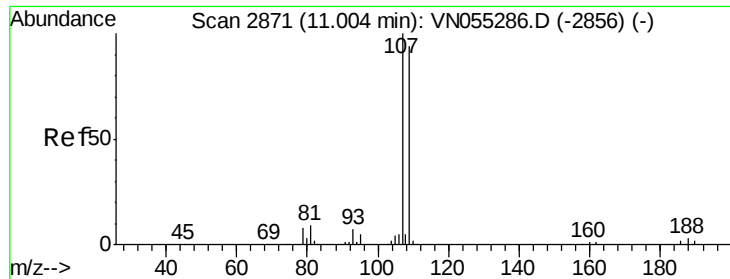
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#60
Dibromochloromethane
Concen: 20.469 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 129 Resp: 74664
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5





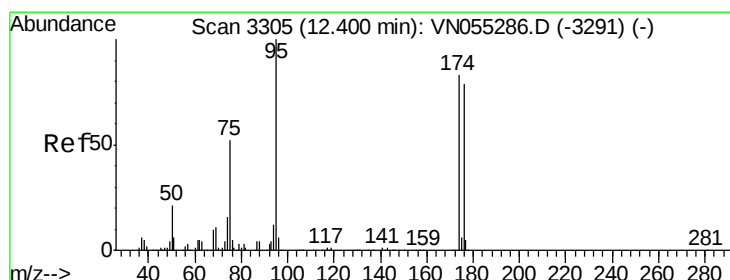
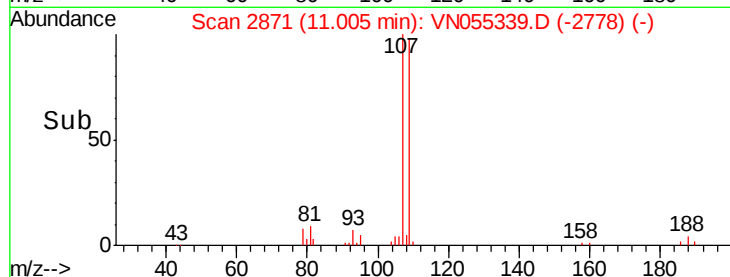
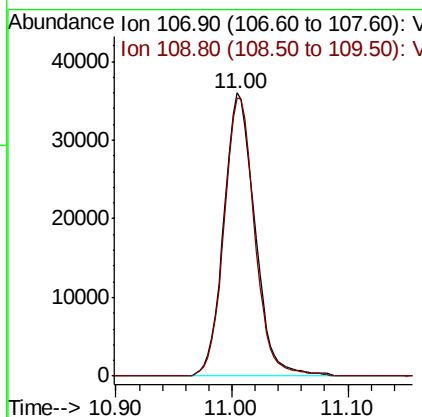
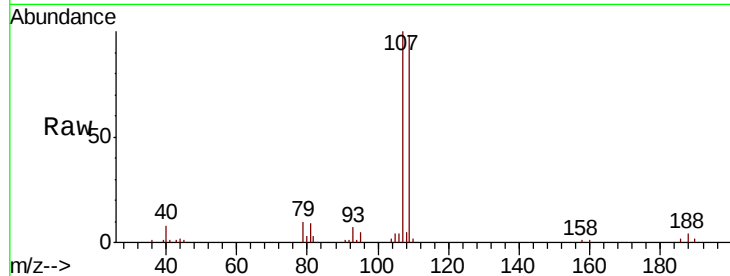
#61
1,2-Dibromoethane
Concen: 20.264 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion: 107 Resp: 66845
Ion Ratio Lower Upper
107 100
109 96.7 75.0 112.6

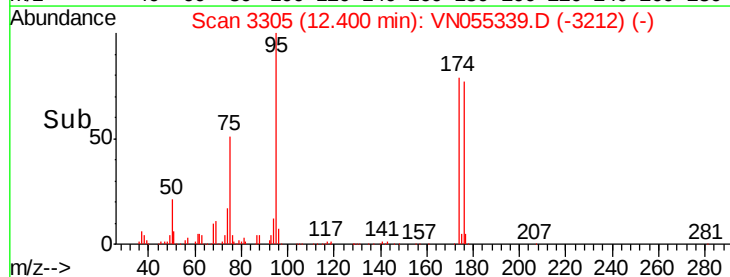
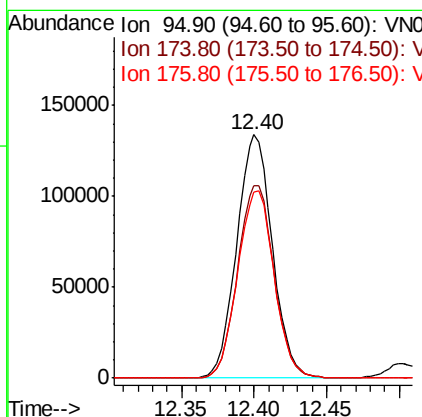
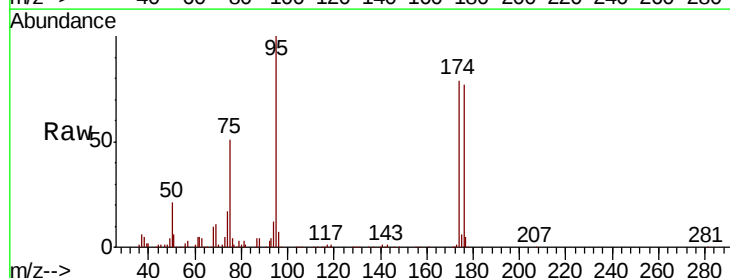
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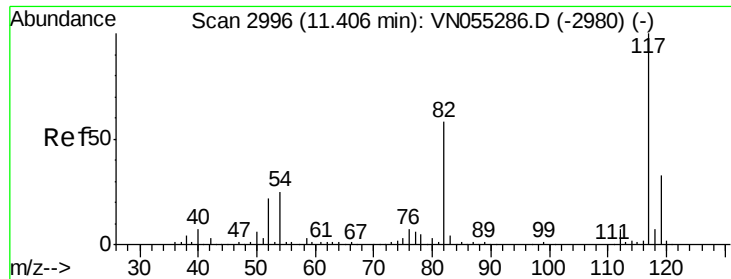
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#62
4-Bromofluorobenzene
Concen: 51.891 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 95 Resp: 228021
Ion Ratio Lower Upper
95 100
174 81.5 0.0 166.6
176 79.2 0.0 157.8





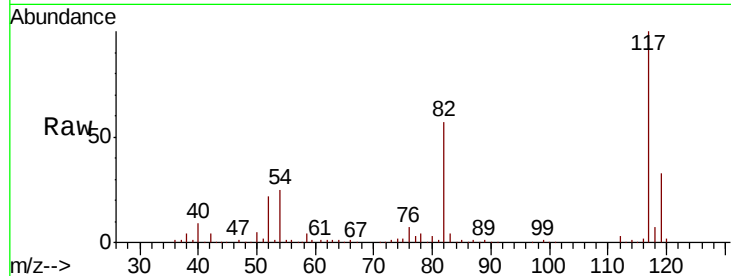
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	506177		
82	57.4	46.2	69.4	
119	32.8	26.6	40.0	

Manual Integrations
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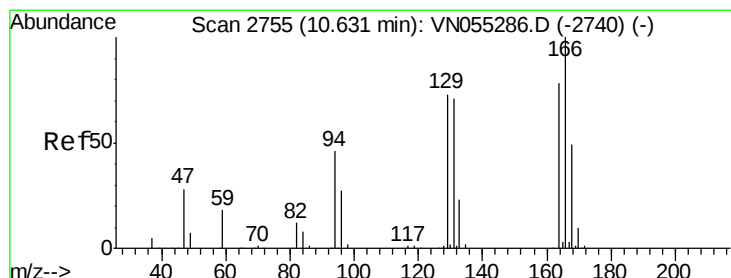
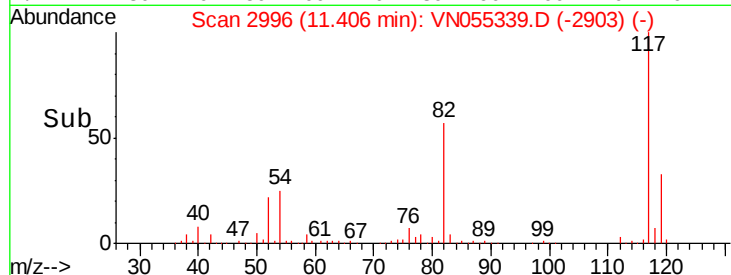
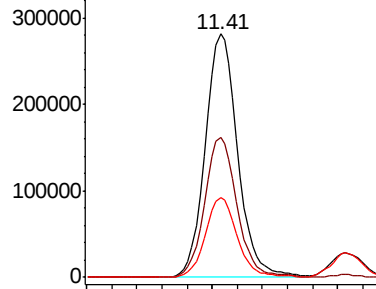


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.670 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	77284		
166	129.1	102.3	153.5	
129	94.5	75.0	112.6	
131	85.7	72.7	109.1	

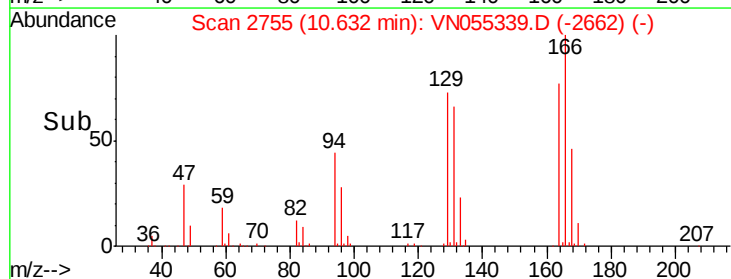
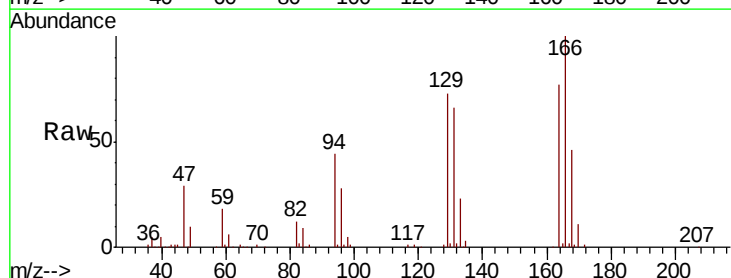
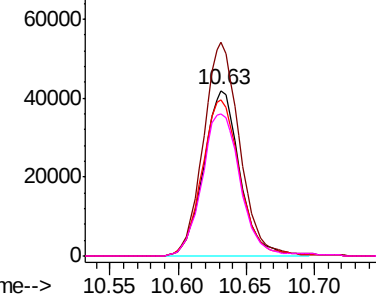
Abundance

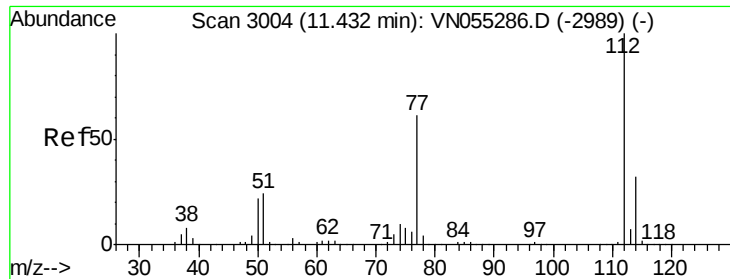
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





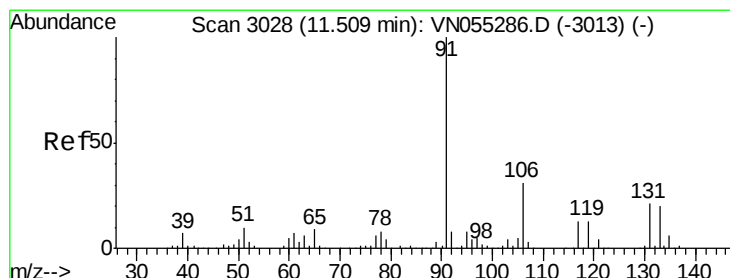
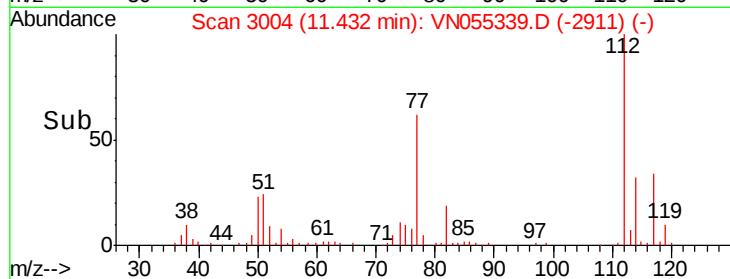
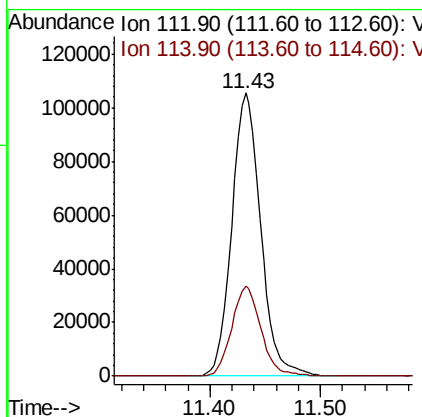
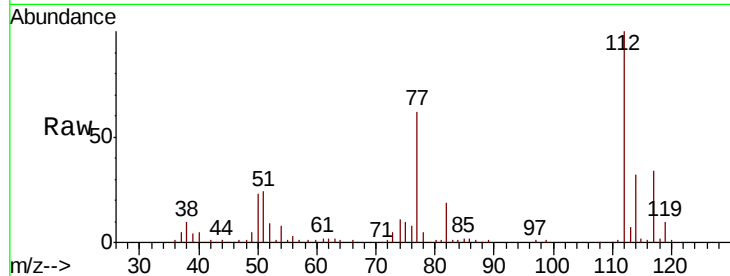
#65
Chlorobenzene
Concen: 19.361 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion:112 Resp: 191603
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

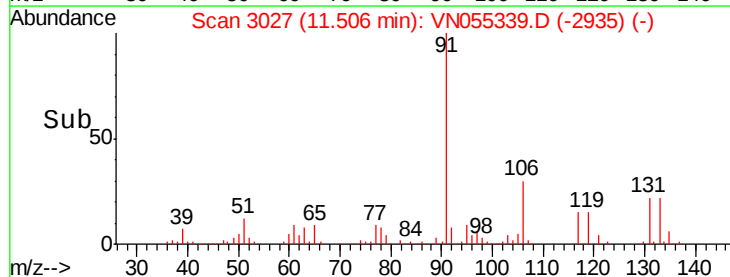
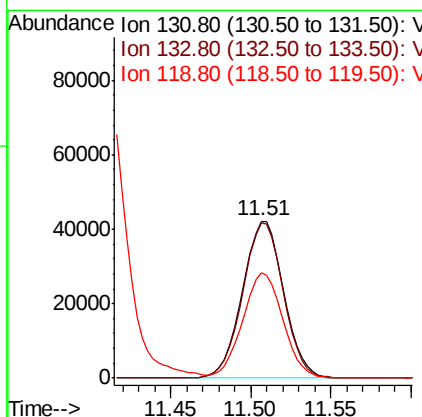
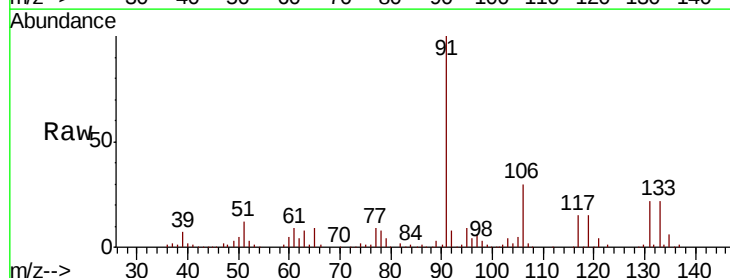
Manual Integrations
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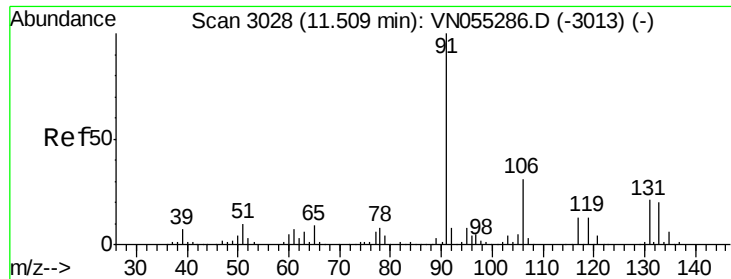
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.106 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion:131 Resp: 74037
Ion Ratio Lower Upper
131 100
133 97.9 47.5 142.6
119 65.7 32.7 98.1





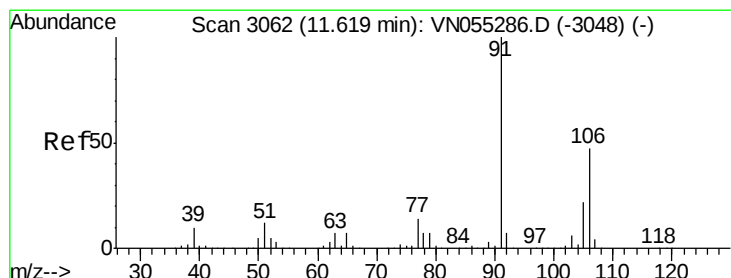
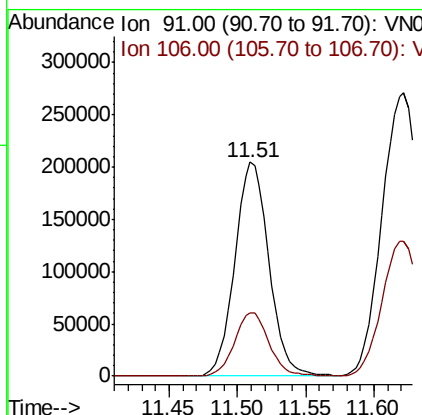
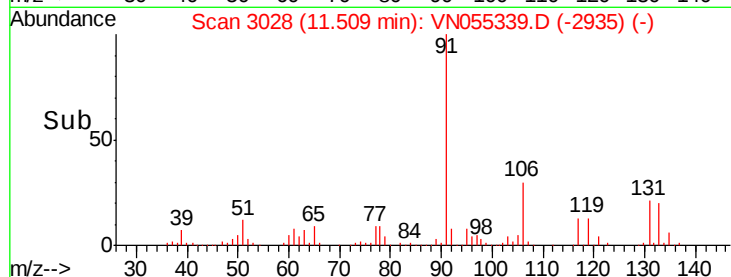
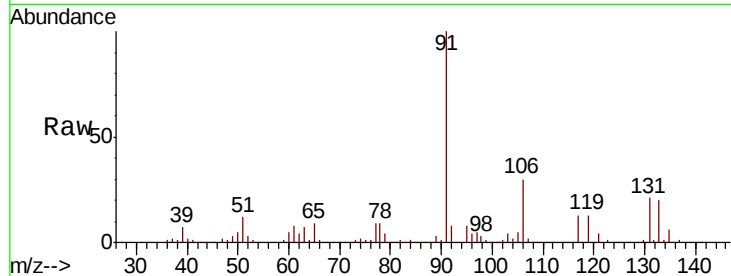
#67
Ethyl Benzene
Concen: 19.924 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampled :
VN0502WBS01

Tgt Ion: 91 Resp: 356061
Ion Ratio Lower Upper
91 100
106 29.9 24.6 36.8

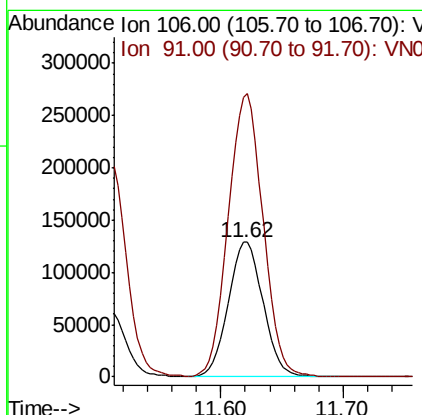
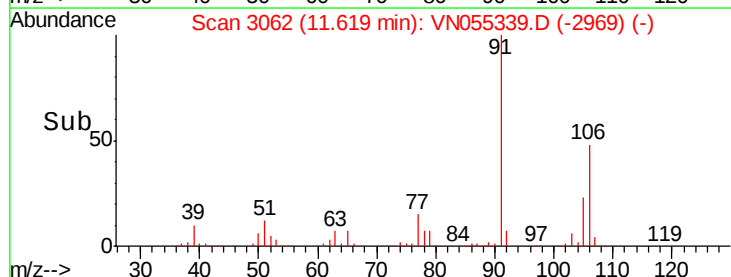
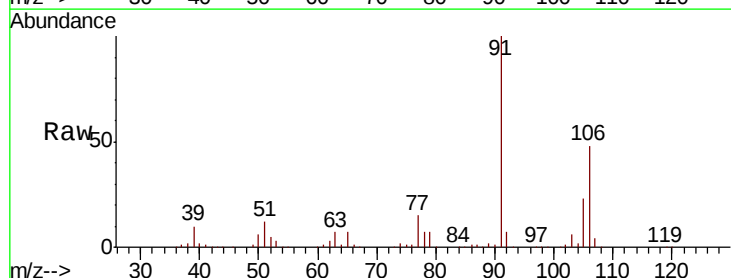
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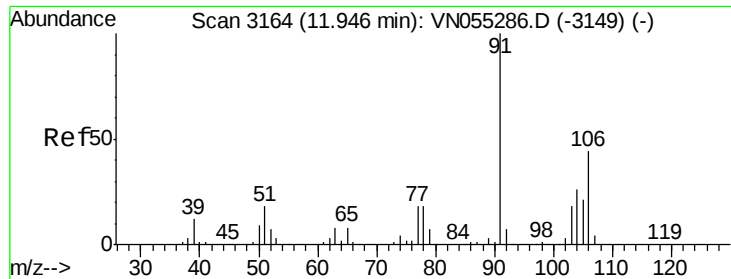
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#68
m/p-Xylenes
Concen: 40.140 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion: 106 Resp: 256050
Ion Ratio Lower Upper
106 100
91 209.8 169.5 254.3





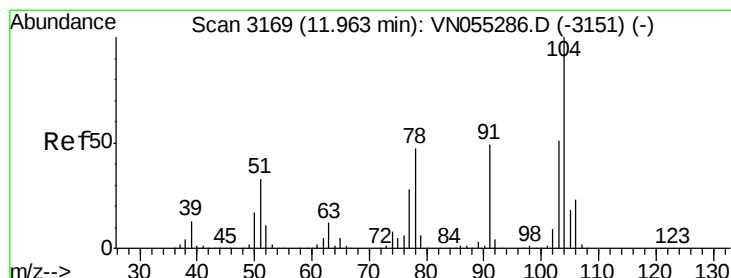
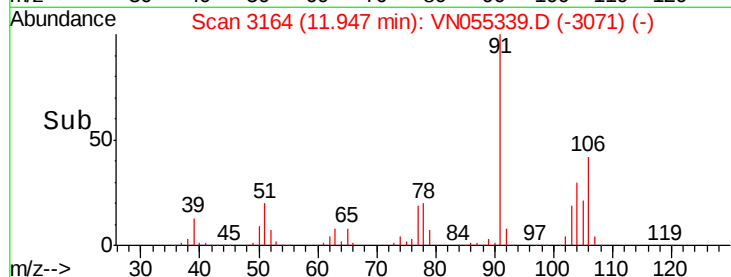
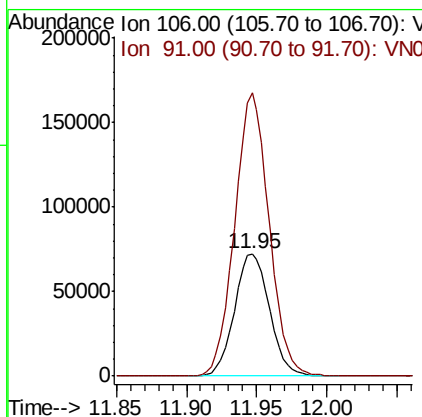
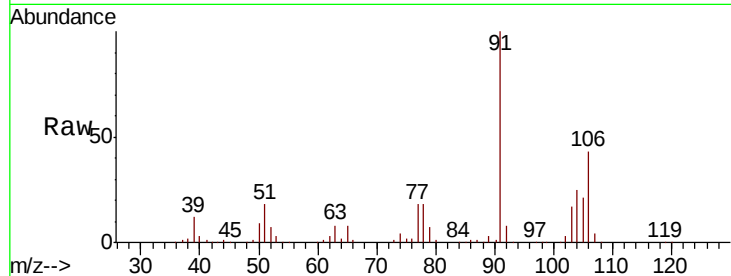
#69
o-Xylene
Concen: 19.865 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion:106 Resp: 125600
Ion Ratio Lower Upper
106 100
91 227.7 111.5 334.5

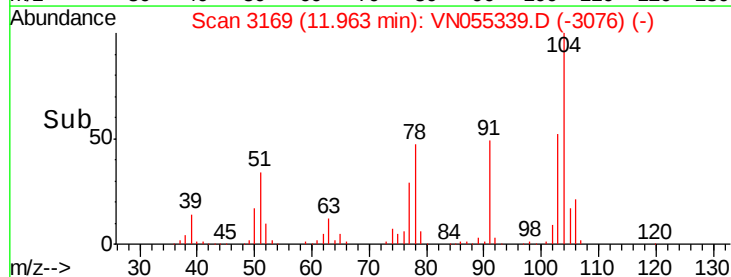
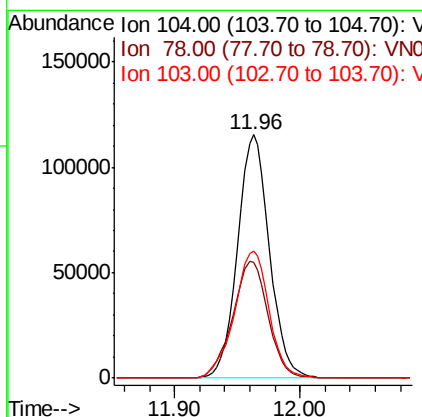
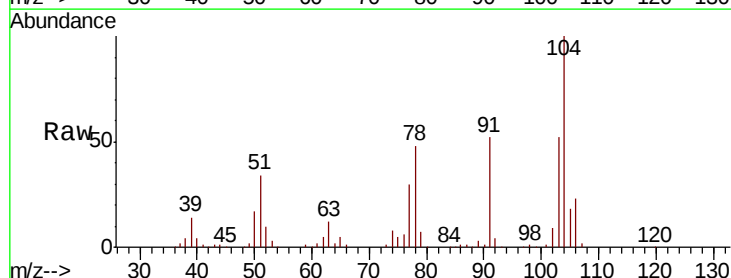
Manual Integrations
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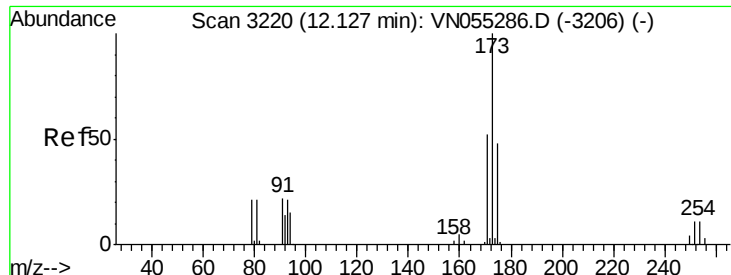
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#70
Styrene
Concen: 20.960 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion:104 Resp: 203476
Ion Ratio Lower Upper
104 100
78 53.3 42.2 63.2
103 57.0 44.6 67.0





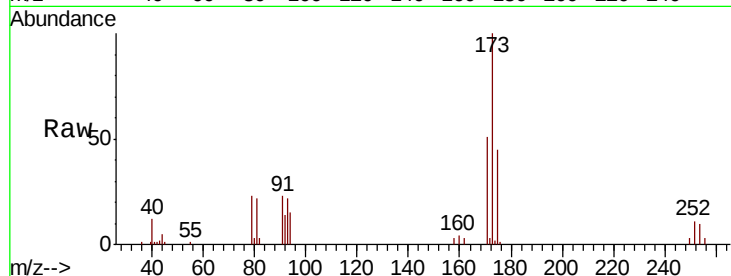
#71
Bromoform
Concen: 21.161 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

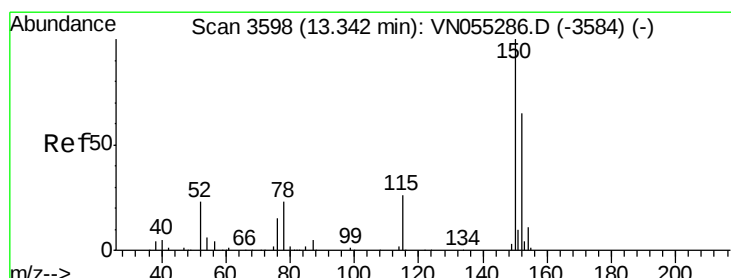
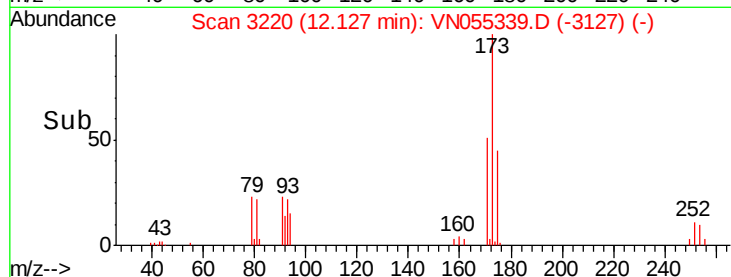
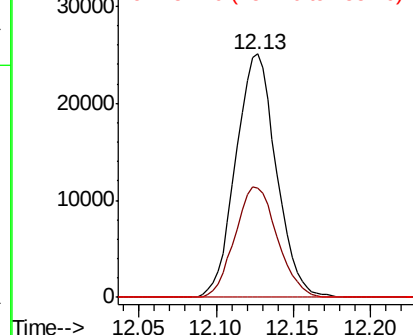
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	23.6	71.0
254	0.0	0.0	0.0

Manual Integrations
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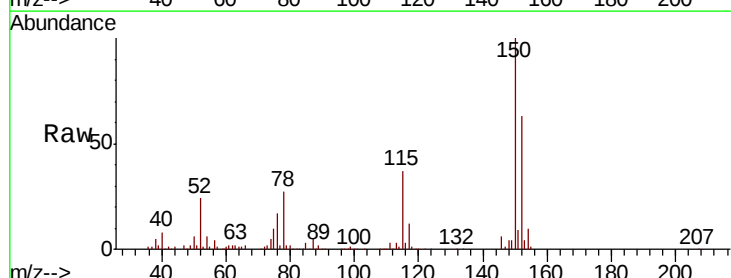


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

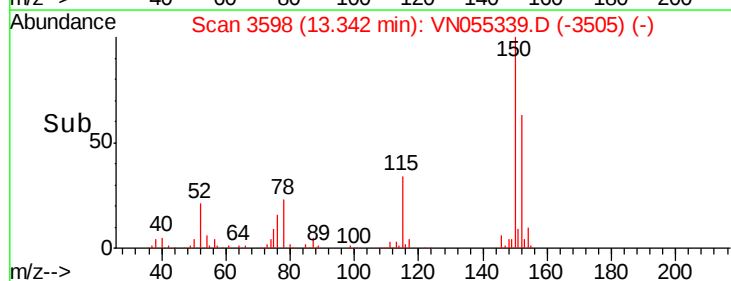
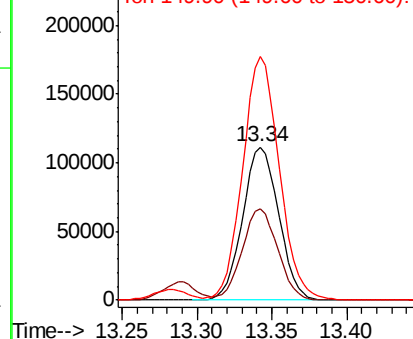


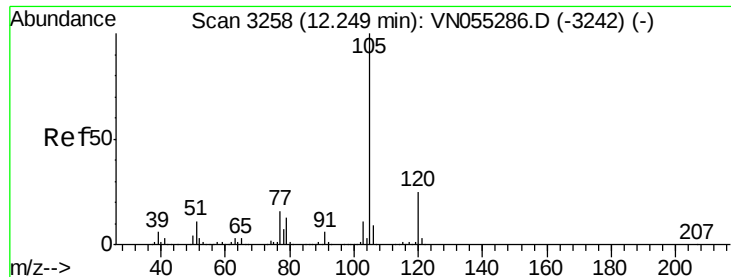
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.0	87.0
150	162.1	0.0	345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.467 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion: 105 Resp: 345865

Ion Ratio Lower Upper

105 100

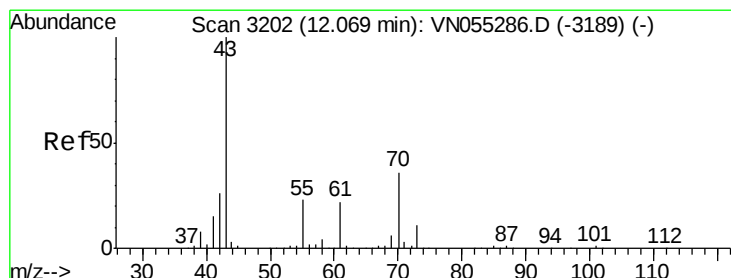
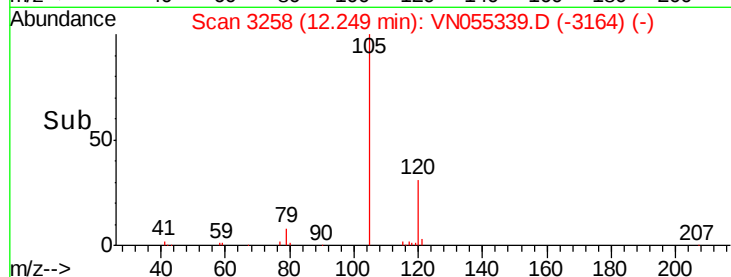
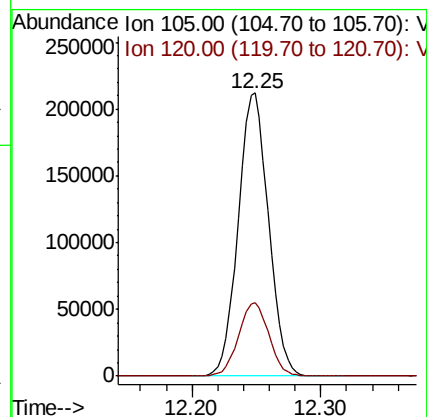
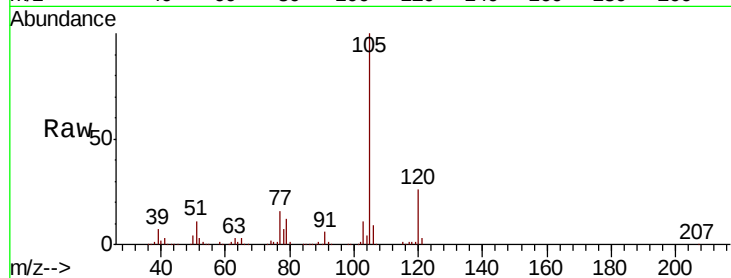
120 25.8 12.9 38.7

Manual Integrations

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#74

N-amyl acetate

Concen: 20.379 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Tgt Ion: 43 Resp: 97686

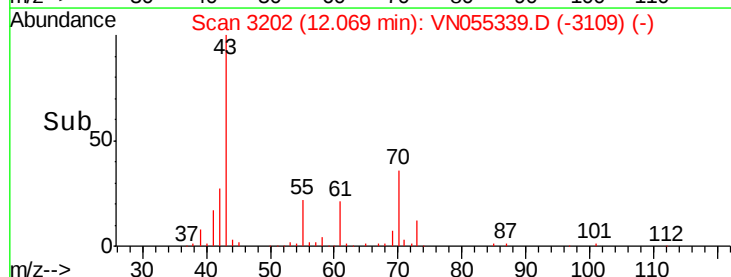
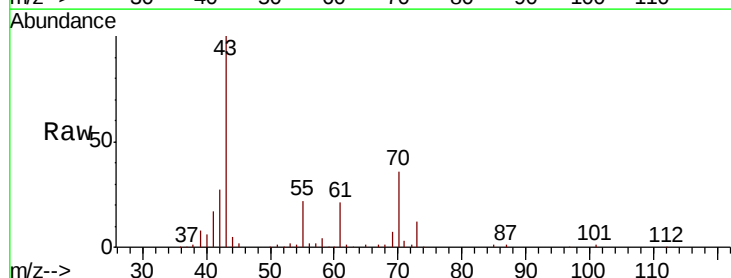
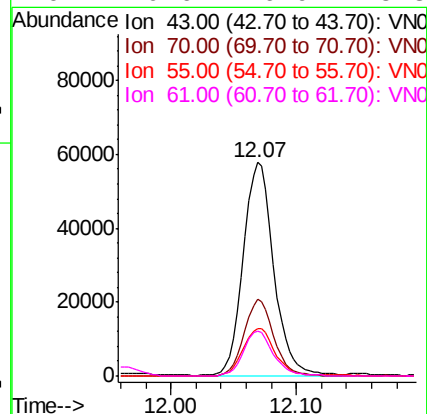
Ion Ratio Lower Upper

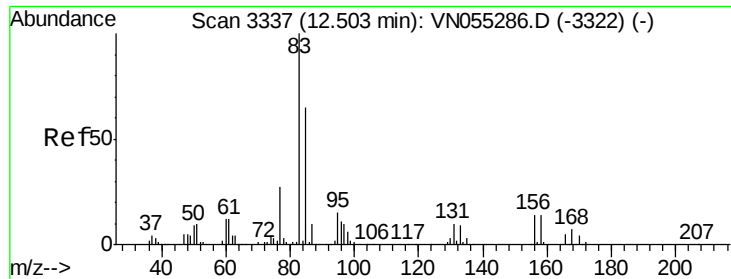
43 100

70 34.8 27.9 41.9

55 23.2 18.2 27.2

61 20.6 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.834 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

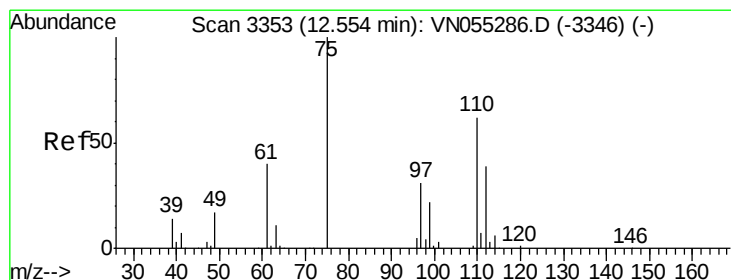
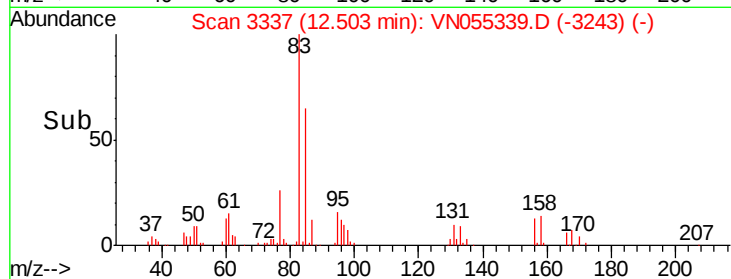
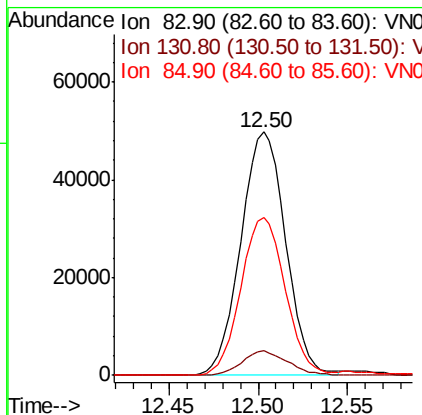
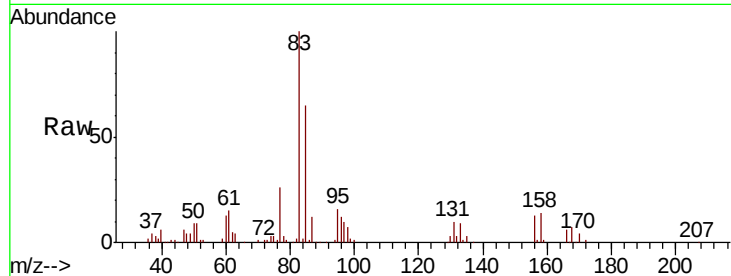
ClientSampleId :

VN0502WBS01

Tgt Ion:	83	Resp:	87434
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.2
85	64.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.541 ug/l m

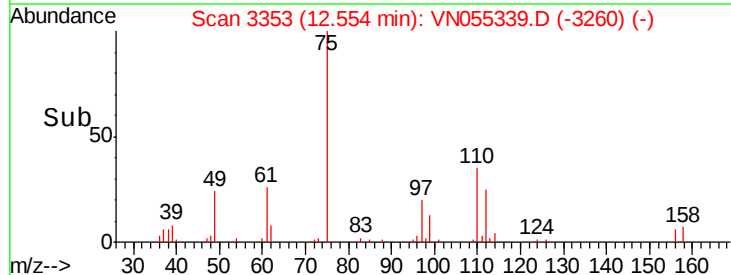
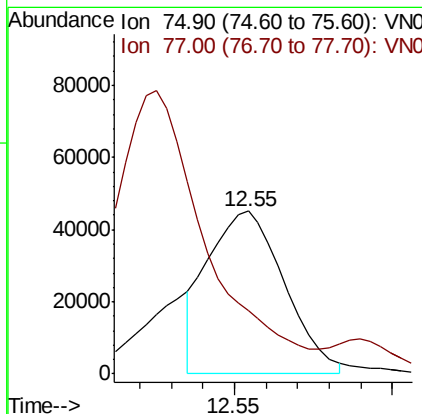
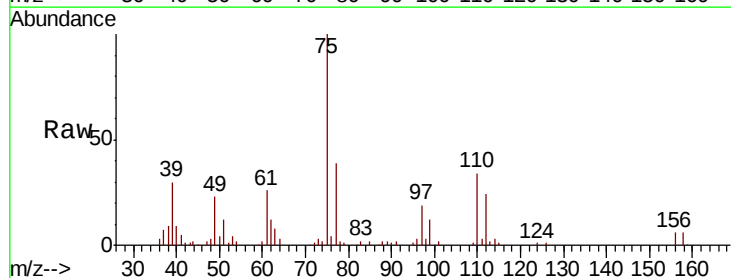
RT: 12.55 min Scan# 3353

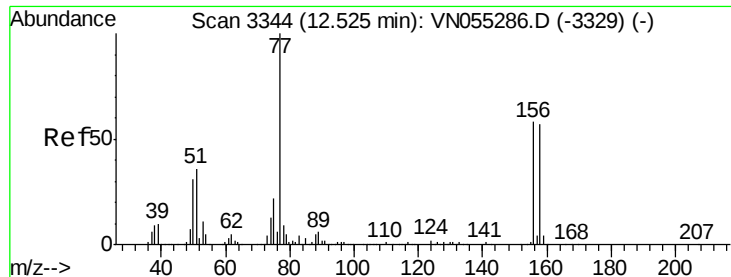
Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Tgt Ion:	75	Resp:	76465
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.250 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

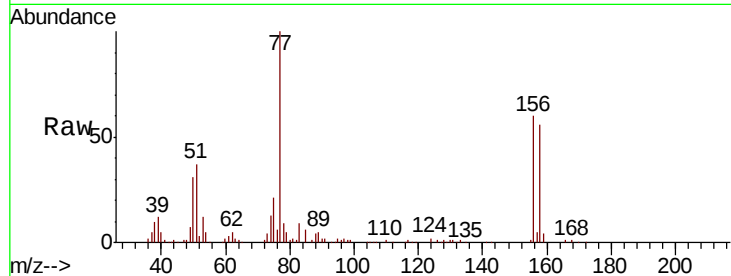
ClientSampled :

VN0502WBS01

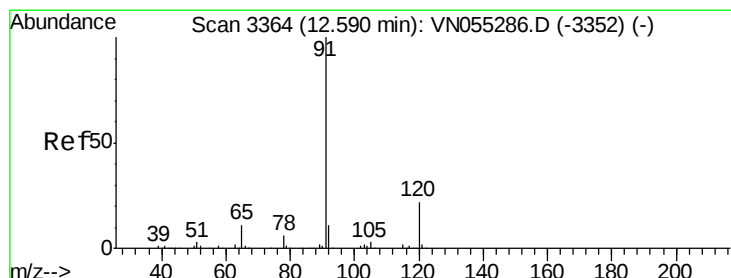
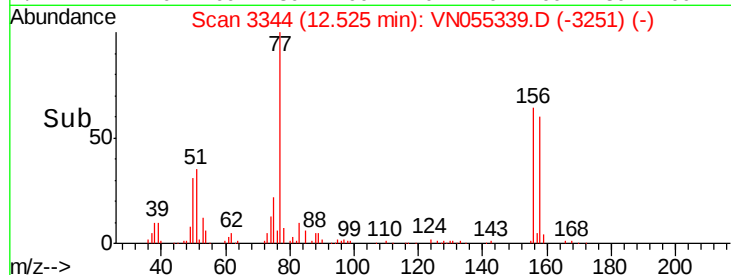
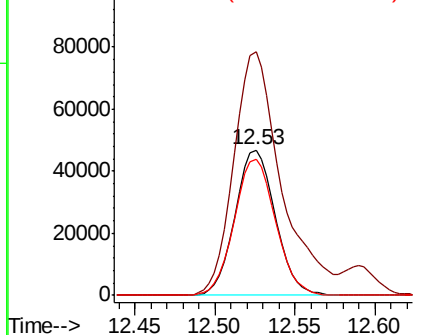
Tgt Ion:	156	Resp:	80236
Ion	Ratio	Lower	Upper
156	100		
77	200.4	99.6	298.8
158	96.1	49.3	147.8

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.016 ug/l

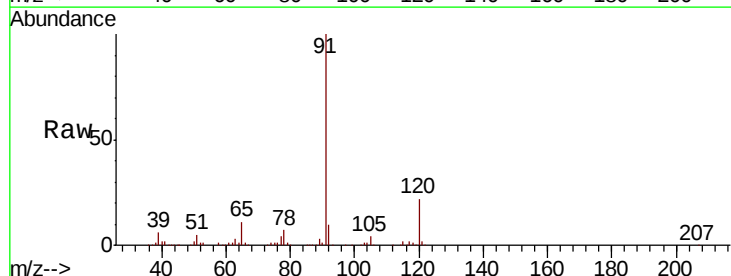
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

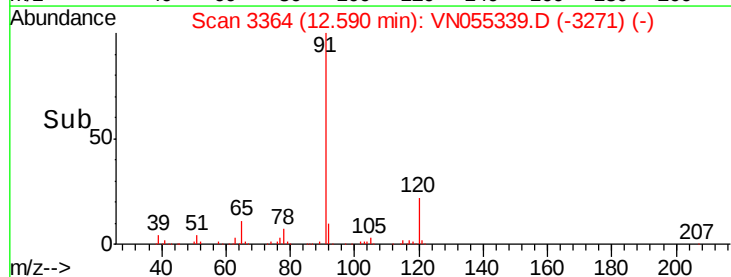
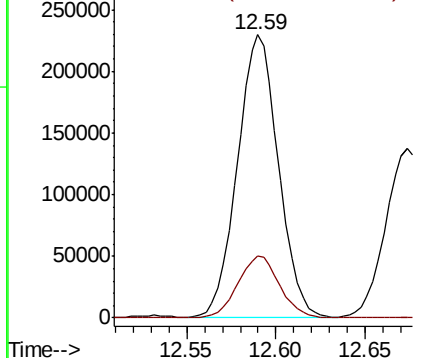
Lab File: VN055339.D

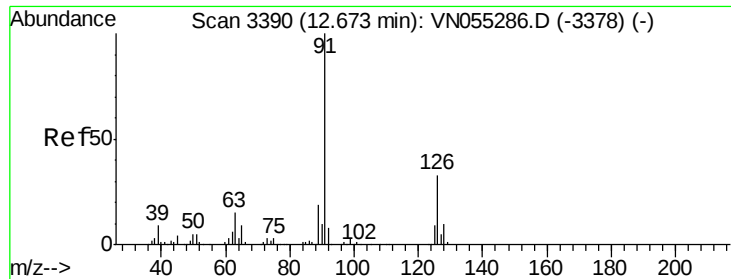
Acq: 2 May 2019 10:21

Tgt Ion:	91	Resp:	364854
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.219 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

VN0502WBS01

Tgt Ion: 91 Resp: 230309

Ion Ratio Lower Upper

91 100

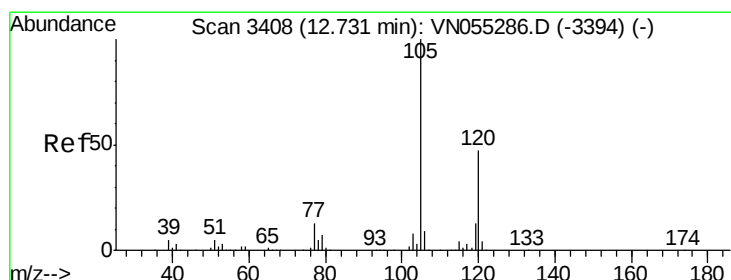
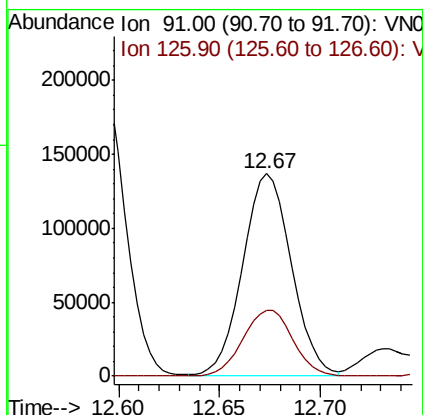
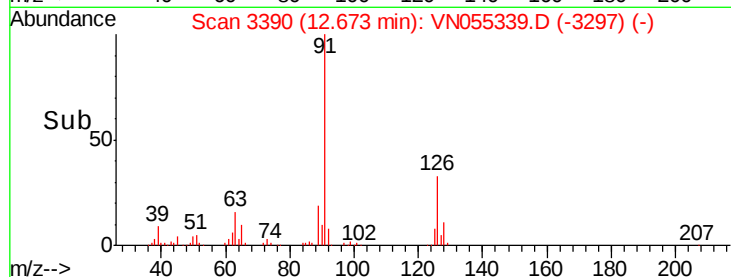
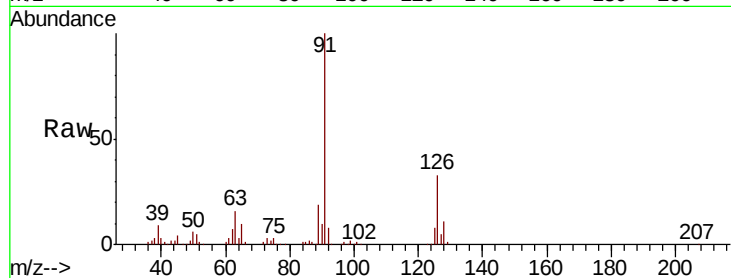
126 33.7 16.6 49.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.218 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055339.D

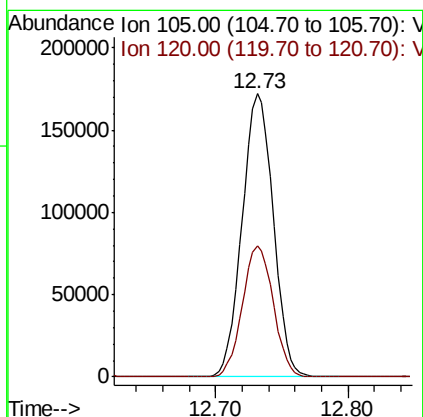
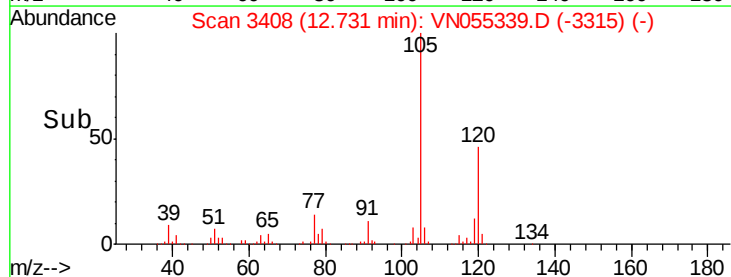
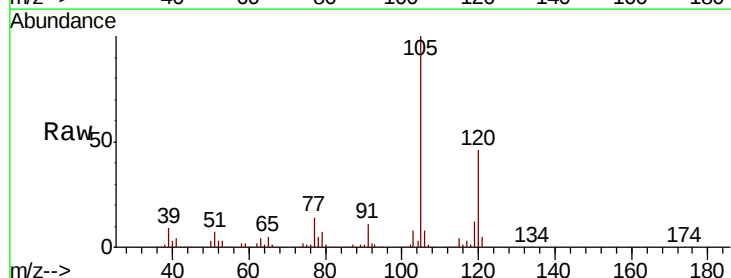
Acq: 2 May 2019 10:21

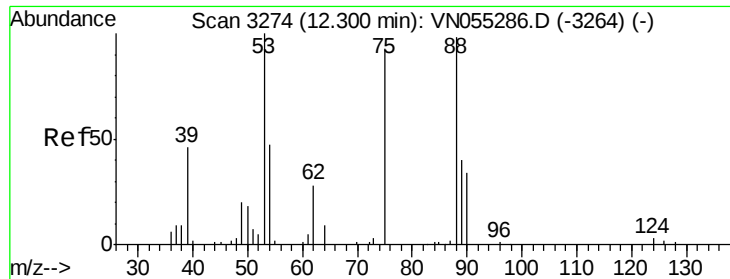
Tgt Ion: 105 Resp: 281417

Ion Ratio Lower Upper

105 100

120 46.0 23.4 70.0





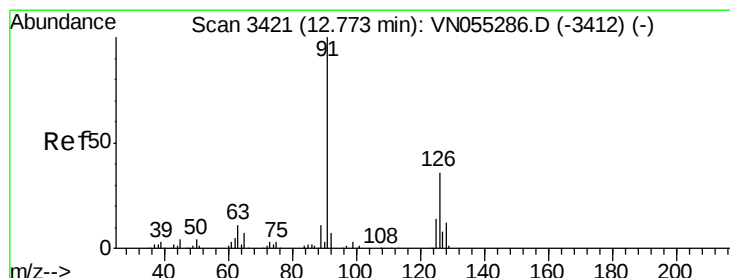
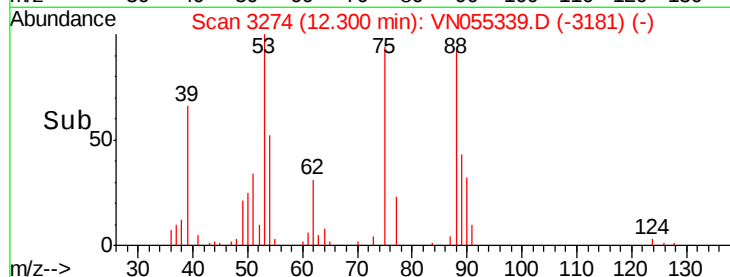
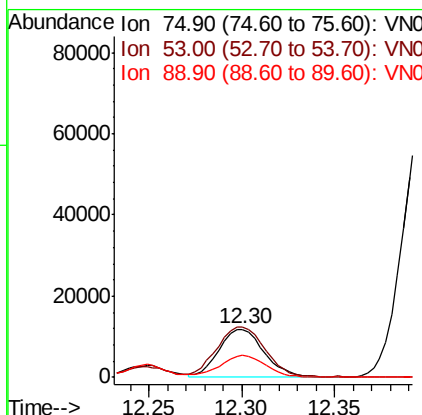
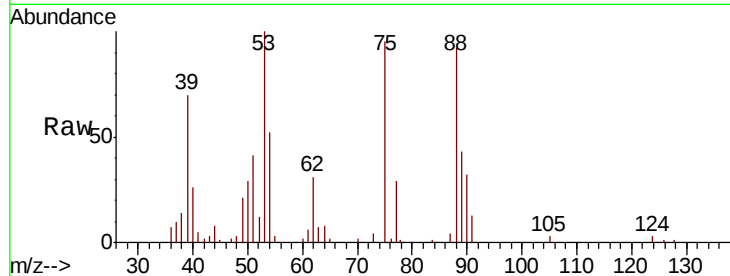
#81
trans-1,4-Dichloro-2-butene
Concen: 20.562 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.5	86.3	129.5
89	45.0	34.6	51.8

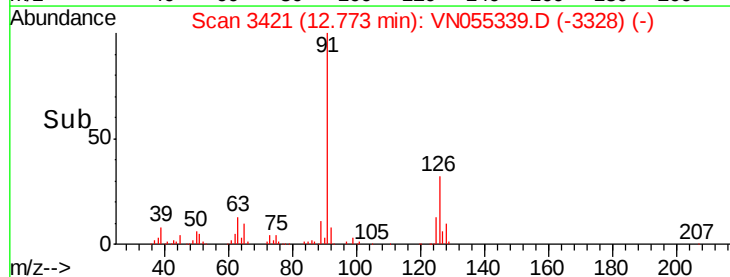
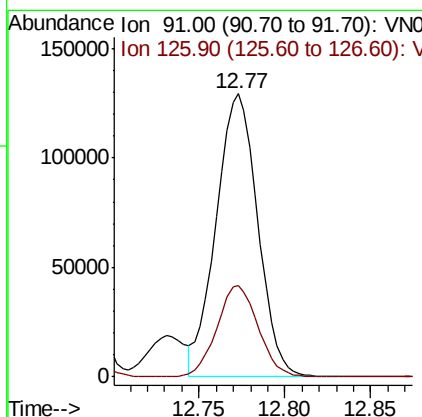
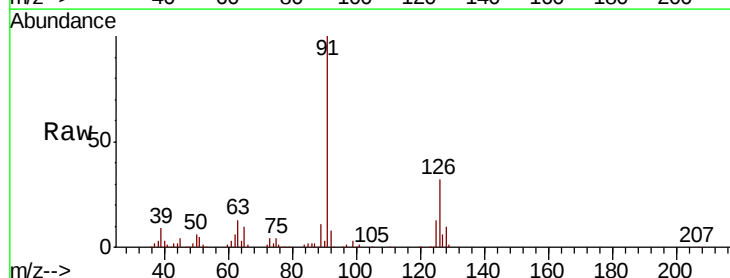
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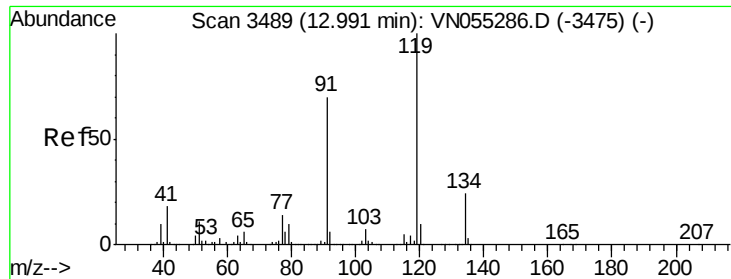
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#82
4-Chlorotoluene
Concen: 19.447 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.6	49.7





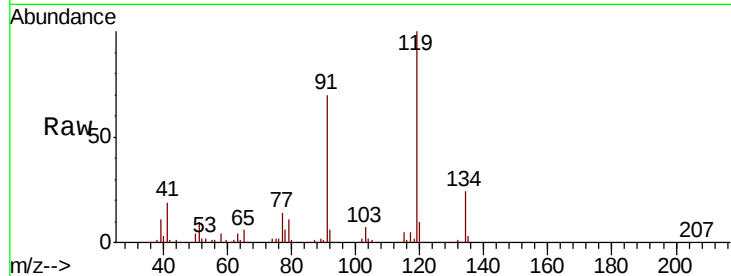
#83
 tert-Butylbenzene
 Concen: 21.374 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

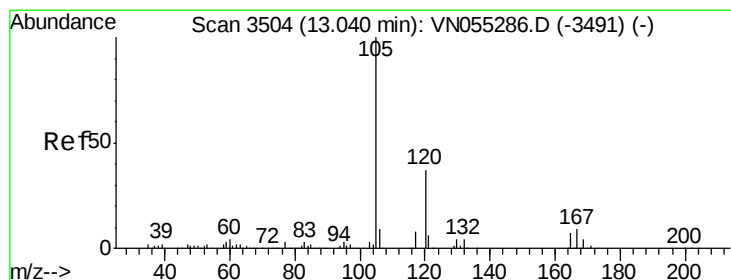
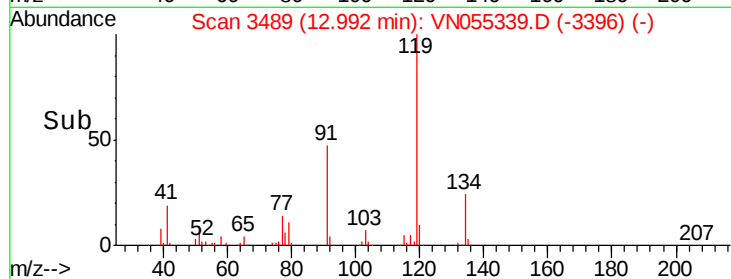
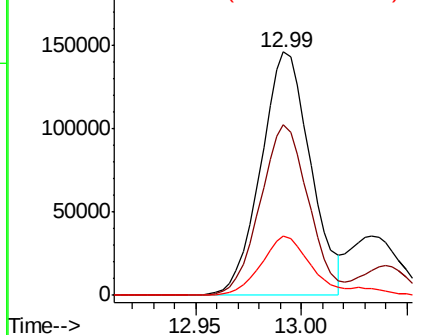
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	238805		
91	68.4	34.3	102.9	
134	24.0	13.1	39.3	

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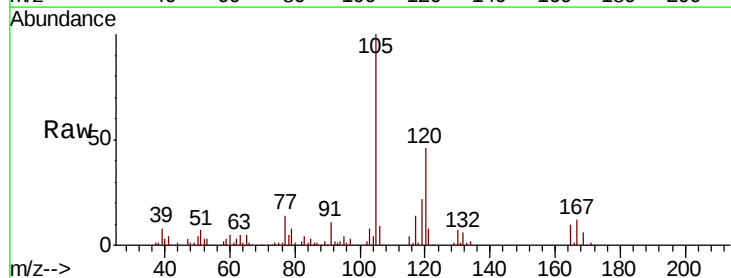


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

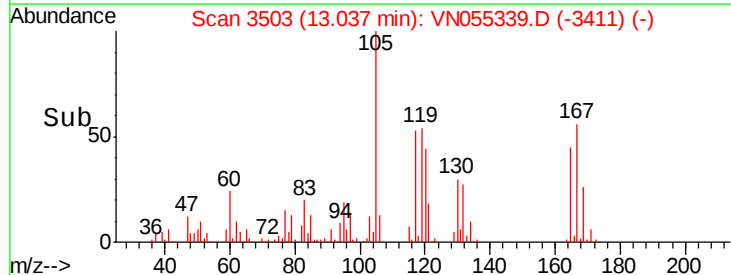
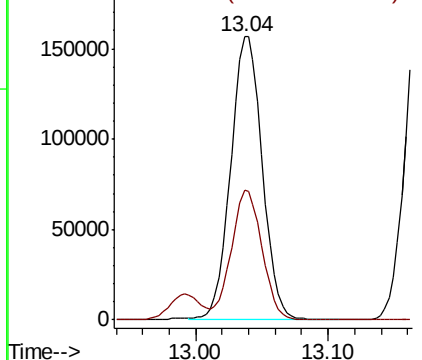


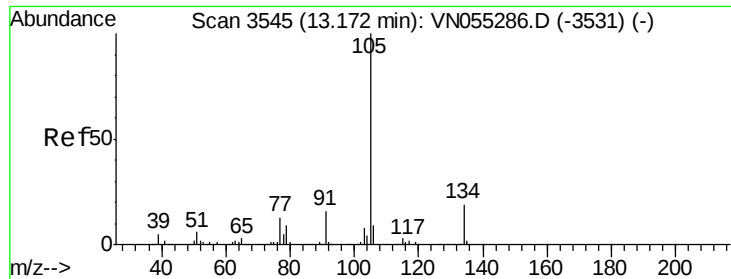
#84
 1,2,4-Trimethylbenzene
 Concen: 19.747 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	258613		
120	44.7	22.1	66.5	



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.432 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion:105 Resp: 309282

Ion Ratio Lower Upper

105 100

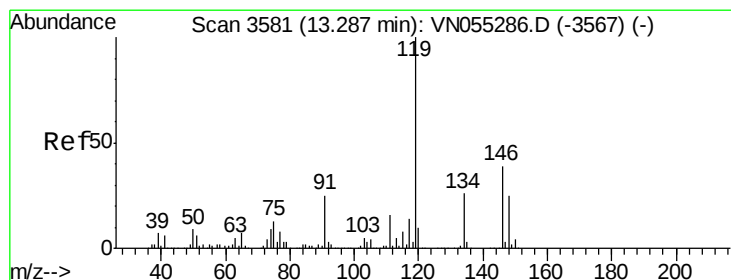
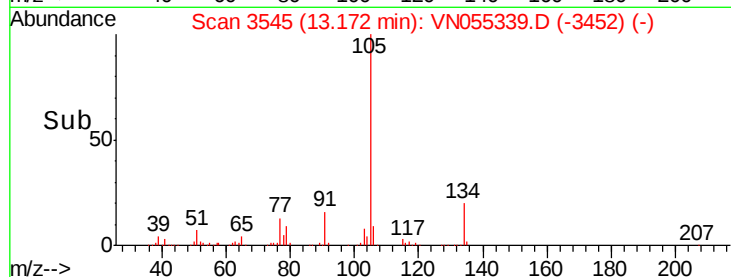
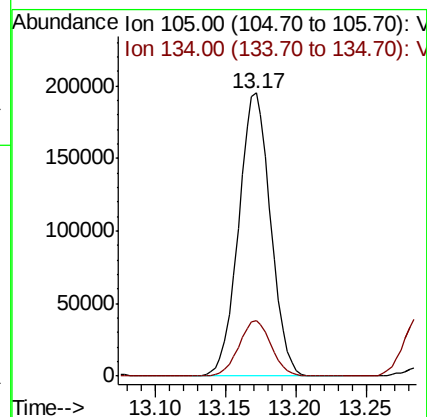
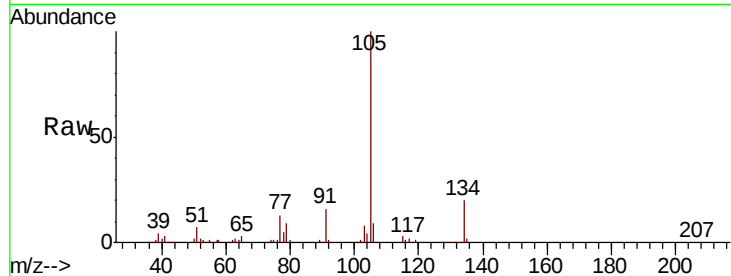
134 19.7 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 19.552 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

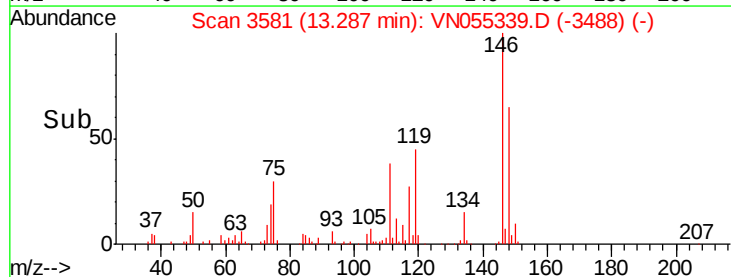
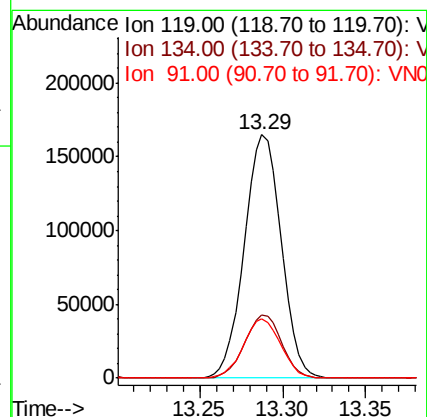
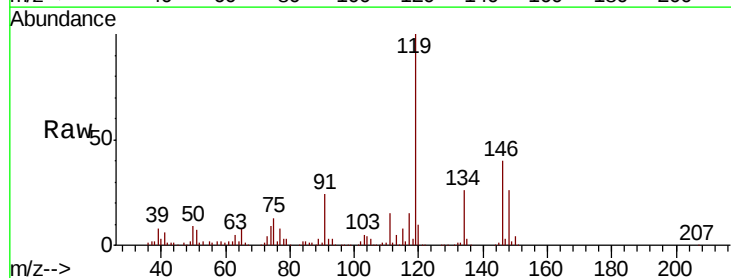
Tgt Ion:119 Resp: 255771

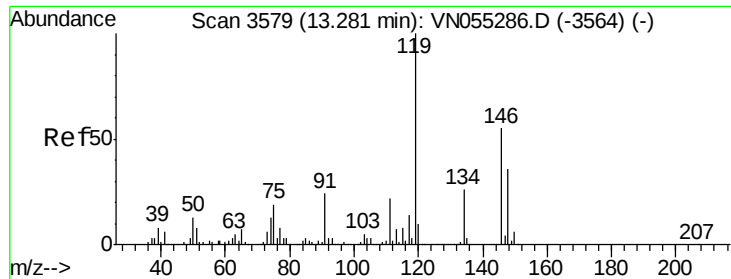
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 24.8 12.2 36.6





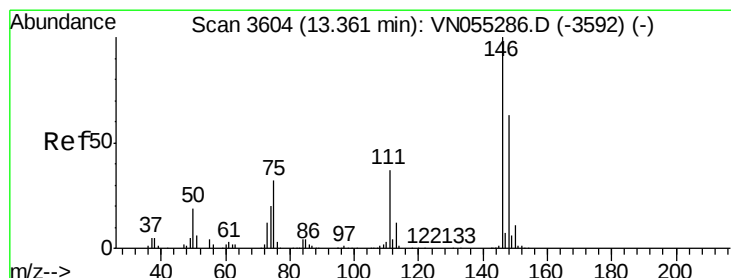
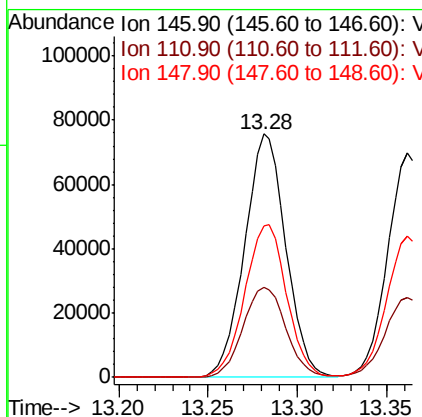
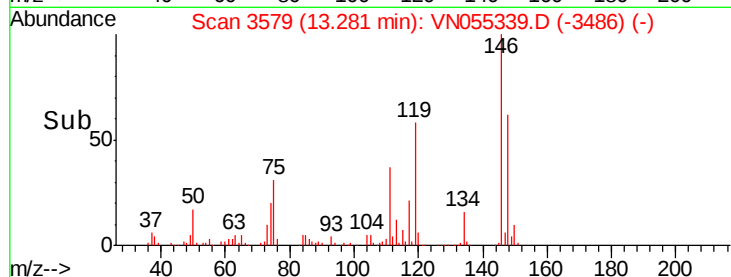
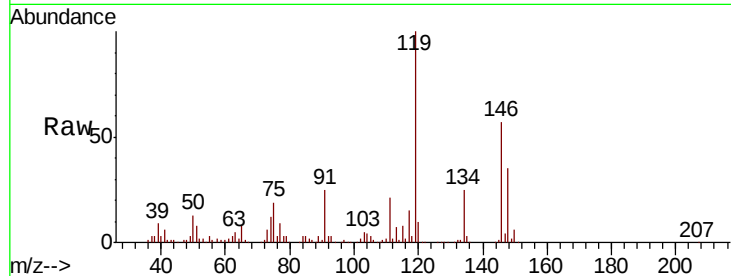
#87
 1,3-Dichlorobenzene
 Concen: 19.530 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.3	60.8
148	63.8	32.5	97.5

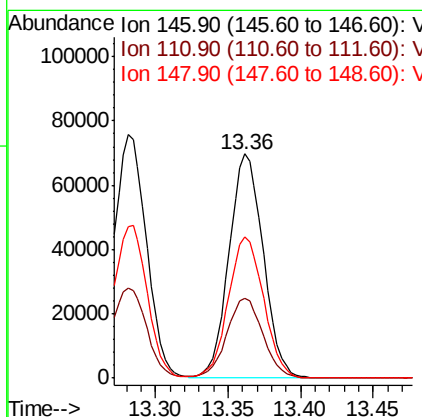
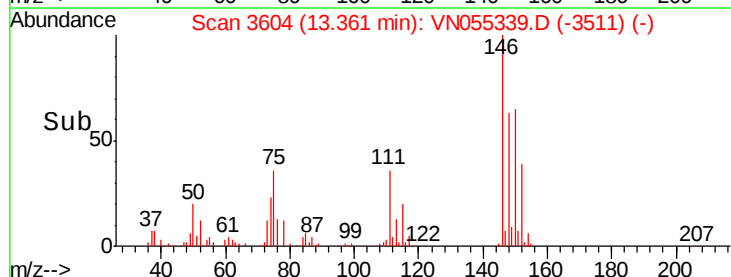
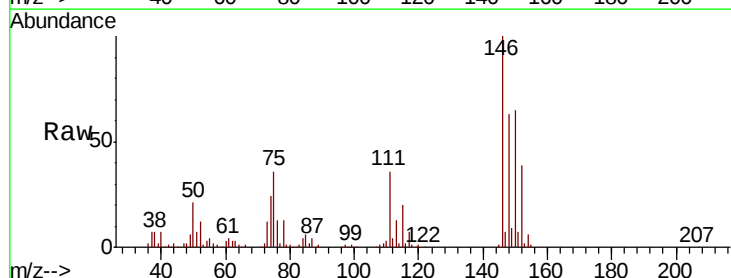
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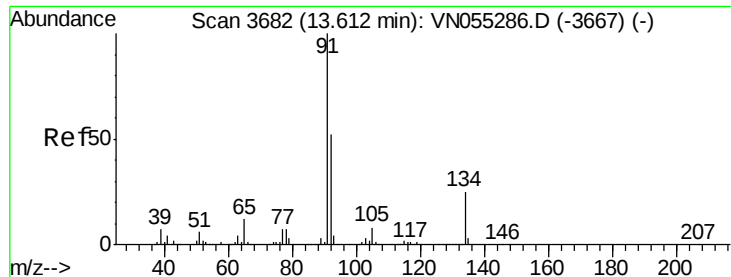
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#88
 1,4-Dichlorobenzene
 Concen: 19.471 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.5	58.5
148	65.0	32.5	97.4





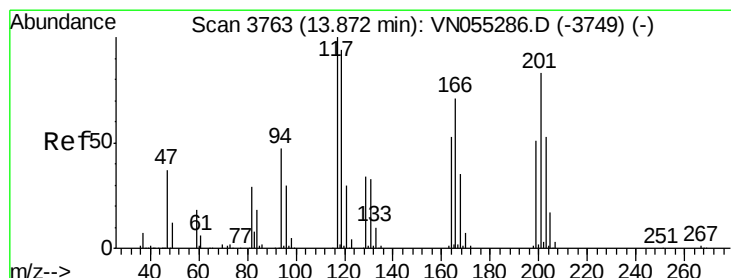
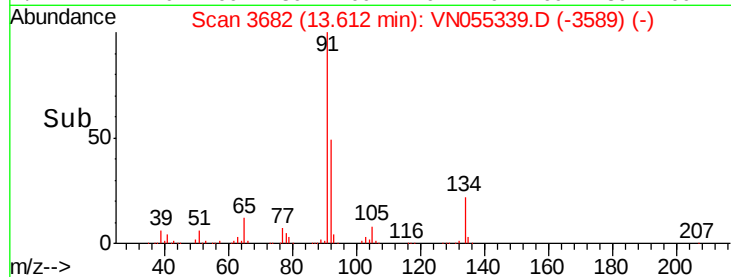
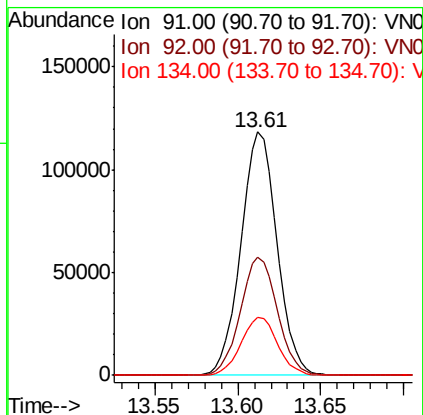
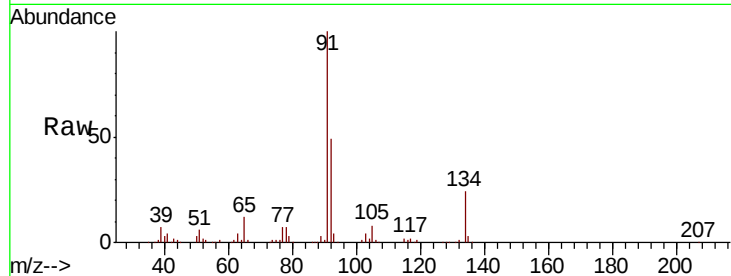
#89
n-Butylbenzene
Concen: 19.262 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.9	26.1	78.3
134	24.2	12.4	37.4

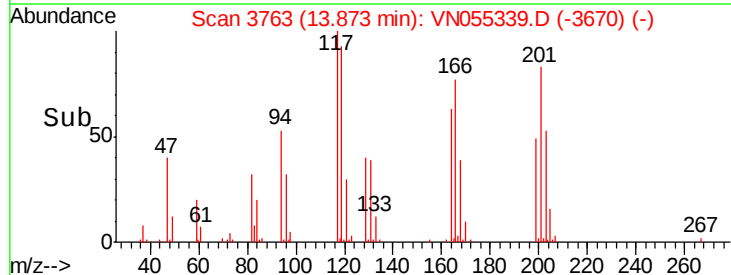
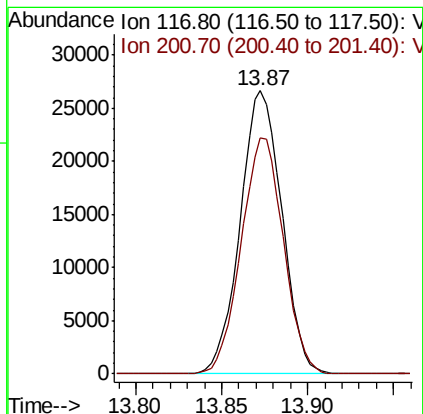
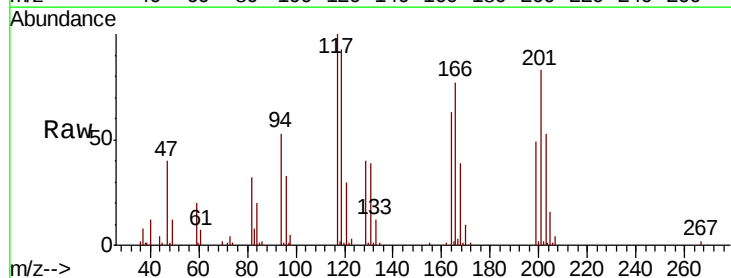
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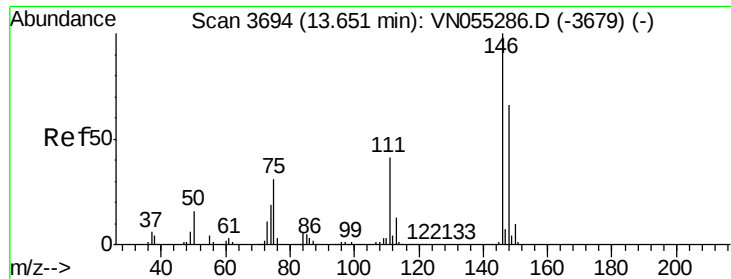
MMDadoda
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#90
Hexachloroethane
Concen: 20.713 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055339.D
Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	41.9	125.8





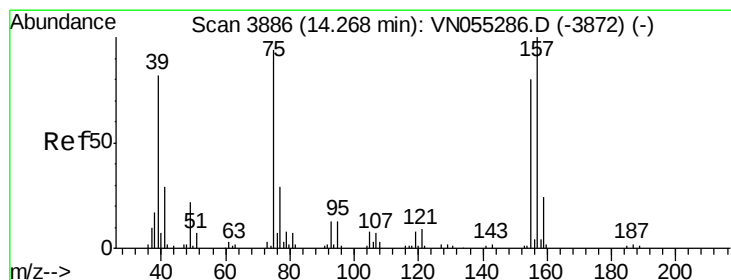
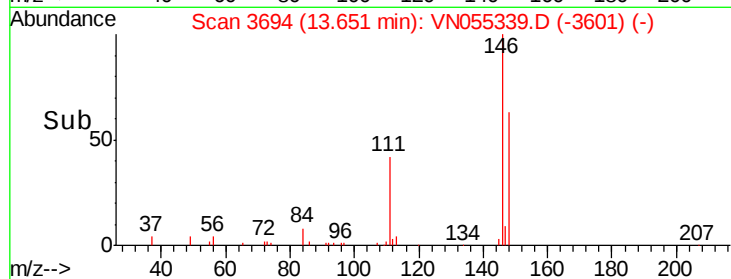
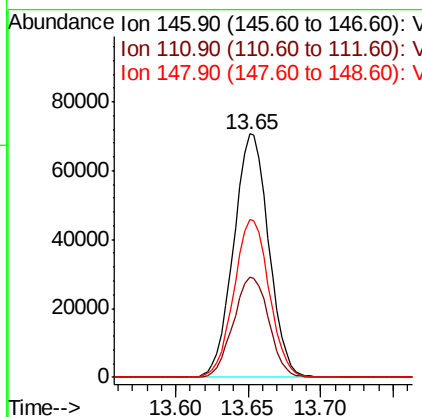
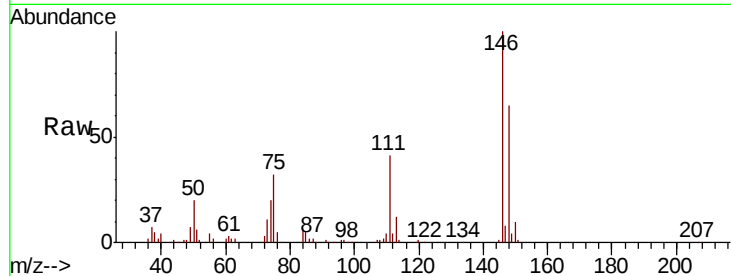
#91
 1,2-Dichlorobenzene
 Concen: 19.168 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	65.0	32.4	97.2

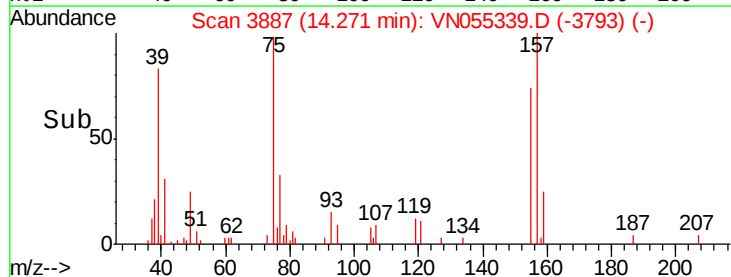
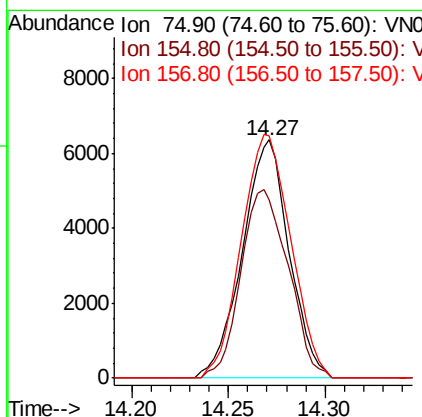
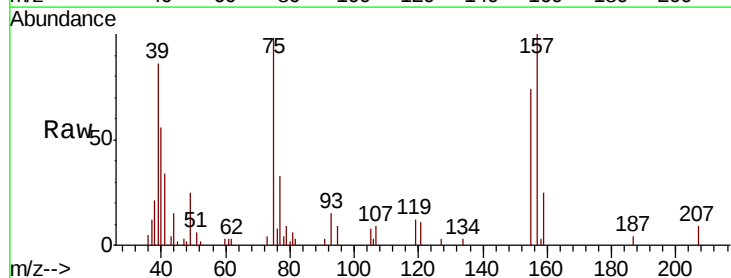
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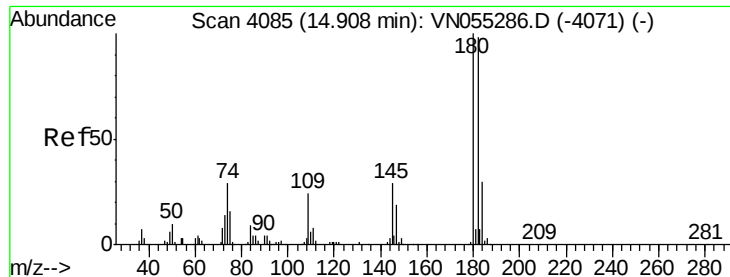
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.809 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	41.5	124.6
157	108.1	54.0	162.2





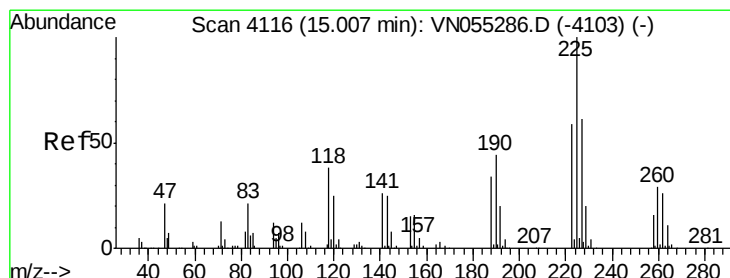
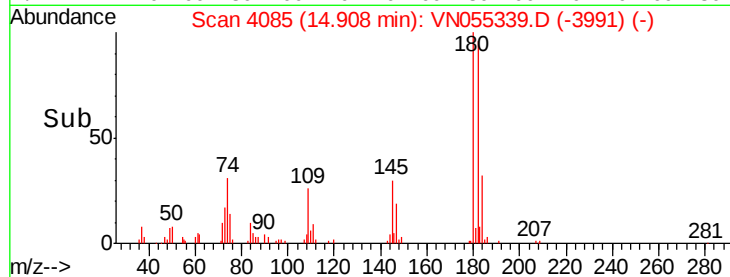
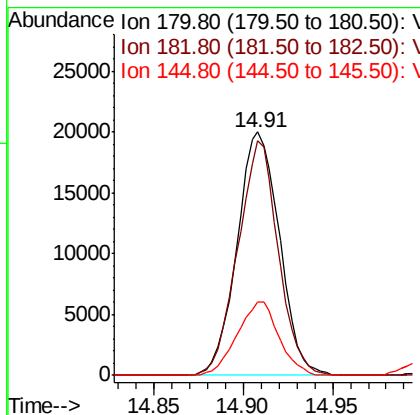
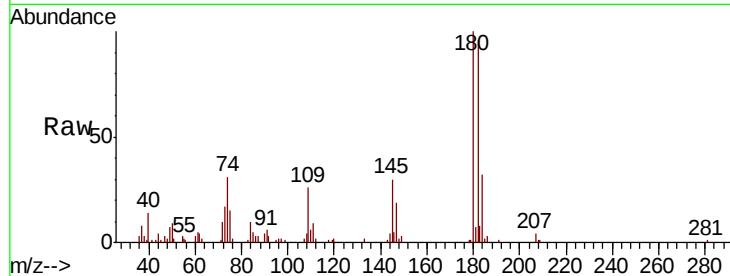
#93
 1,2,4-Trichlorobenzene
 Concen: 16.003 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0502WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	48.3	144.9
145	29.7	14.2	42.6

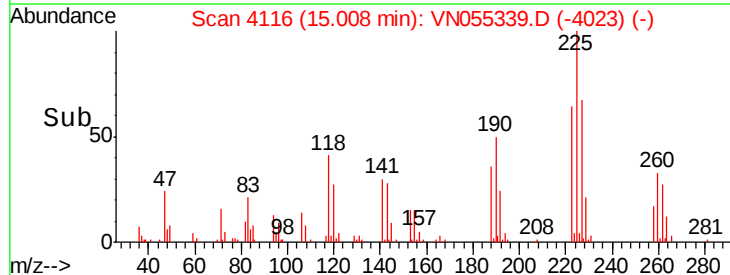
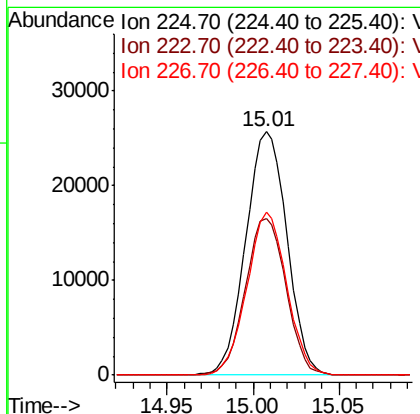
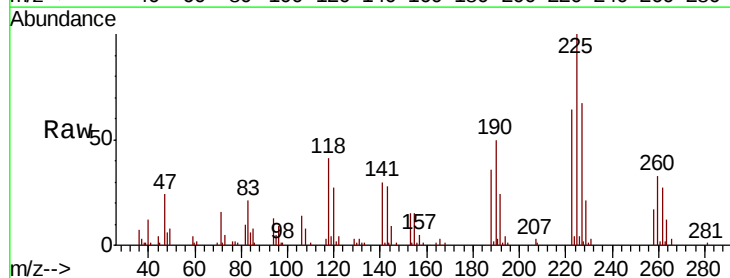
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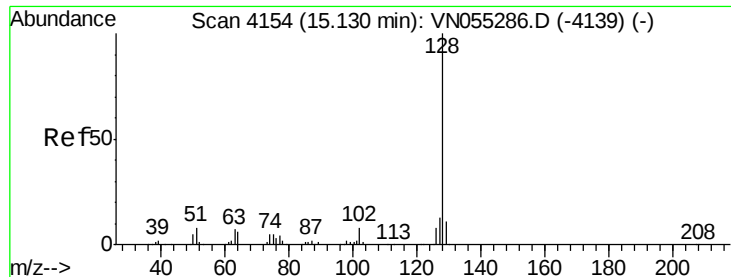
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 5/3/2019 1:09:12 PM



#94
 Hexachlorobutadiene
 Concen: 21.342 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055339.D
 Acq: 2 May 2019 10:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.3	90.8
227	64.5	30.9	92.7





#95

Naphthalene

Concen: 16.200 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Instrument :

MSVOA_N

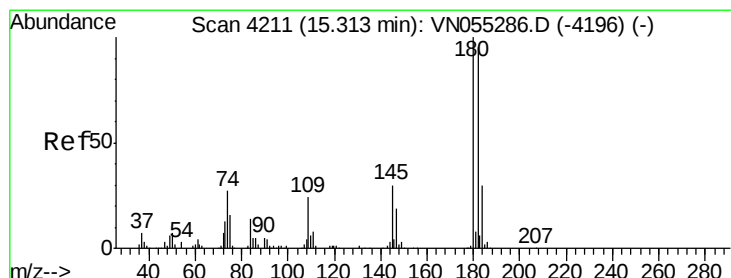
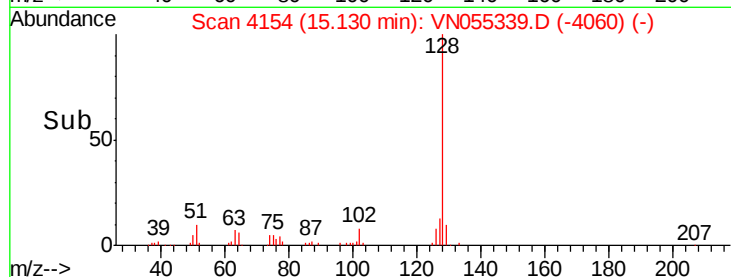
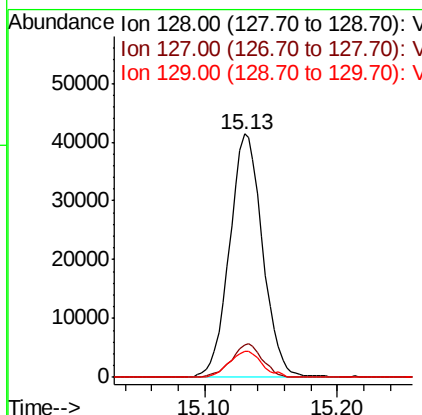
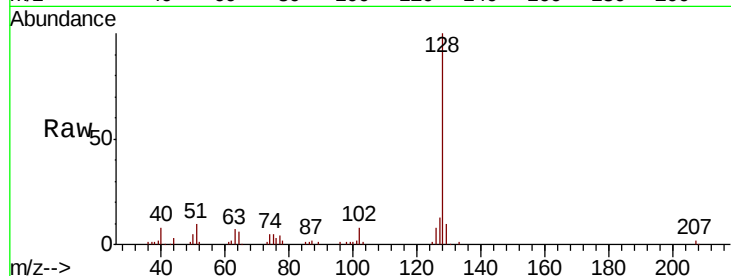
ClientSampleId :

VN0502WBS01

Tgt Ion:	128	Resp:	71590
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.7	16.1
129	10.7	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 17.043 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055339.D

Acq: 2 May 2019 10:21

Tgt Ion:	180	Resp:	36619
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.3	144.9
145	32.3	15.2	45.6

