

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055358.D
 Acq On : 2 May 2019 18:50
 Operator : JC/SP
 Sample : K2658-10MS 5X
 Misc : 6.41g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:10:22 PM

Quant Time: May 03 05:03:13 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	367943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	589368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	535305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	245254	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.59	113	191309	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	749370	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.40	95	464581	106.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	200423	44.459	ug/l	97
3) Chloromethane	2.06	50	238831	42.785	ug/l	99
4) Vinyl Chloride	2.19	62	202070	44.908	ug/l	99
5) Bromomethane	2.54	94	108475	45.512	ug/l	99
6) Chloroethane	2.69	64	115144	47.237	ug/l	100
7) Trichlorofluoromethane	3.01	101	284929	44.531	ug/l	95
8) Diethyl Ether	3.41	74	112141	50.095	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	170402	44.723	ug/l	98
10) Methyl Iodide	3.96	142	244564	45.610	ug/l	100
11) Tert butyl alcohol	4.79	59	91820	333.179	ug/l	99
12) 1,1-Dichloroethene	3.74	96	168124	46.256	ug/l	99
13) Acrolein	3.61	56	47724	221.741	ug/l	98
14) Allyl chloride	4.33	41	363548	48.294	ug/l	98
15) Acrylonitrile	4.99	53	443629	286.388	ug/l	99
16) Acetone	3.82	43	370241	246.855	ug/l	98
17) Carbon Disulfide	4.06	76	383327	40.412	ug/l	97
18) Methyl Acetate	4.33	43	224269	61.623	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	551122	53.937	ug/l	100
20) Methylene Chloride	4.55	84	204113	44.586	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	175261	45.530	ug/l	100
22) Diisopropyl ether	5.95	45	767694	51.327	ug/l	98
23) Vinyl Acetate	5.90	43	2764065	281.969	ug/l	99
24) 1,1-Dichloroethane	5.85	63	380383	47.732	ug/l	99
25) 2-Butanone	6.84	43	568836	296.564	ug/l	100
26) 2,2-Dichloropropane	6.83	77	238732	43.382	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	212970	48.651	ug/l	100
28) Bromochloromethane	7.20	49	196458	48.907	ug/l	98
29) Tetrahydrofuran	7.21	42	376991	306.944	ug/l	100
30) Chloroform	7.37	83	361424	47.843	ug/l	99
31) Cyclohexane	7.66	56	342937	45.293	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	288842	47.111	ug/l	99
36) 1,1-Dichloropropene	7.80	75	259095	45.896	ug/l	99
37) Ethyl Acetate	6.93	43	243269	56.226	ug/l	98
38) Carbon Tetrachloride	7.78	117	233775	42.929	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	415290	69.191	ug/l	98
40) Benzene	8.04	78	792195	47.603	ug/l	99
41) Methacrylonitrile	7.17	41	130597	55.687	ug/l	98
42) 1,2-Dichloroethane	8.13	62	287624	48.798	ug/l	100
43) Isopropyl Acetate	8.17	43	430775	61.954	ug/l	97
44) Trichloroethene	8.84	130	197549	46.565	ug/l	99
45) 1,2-Dichloropropane	9.12	63	232774	48.497	ug/l	99
46) Dibromomethane	9.21	93	132043	50.329	ug/l	99
47) Bromodichloromethane	9.40	83	276091	49.054	ug/l	98
48) Methyl methacrylate	9.20	41	201103	58.834	ug/l	99
49) 1,4-Dioxane	9.20	88	46939	1328.413	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1236489	315.858	ug/l	99
52) Toluene	10.16	92	476278	49.879	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	269657	55.190	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	317087	52.051	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	160515	45.269	ug/l #	25
56) Ethyl methacrylate	10.43	69	413415	94.727	ug/l	87
57) 1,3-Dichloropropane	10.71	76	324748	52.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	436770	318.874	ug/l	100
59) 2-Hexanone	10.75	43	711878	290.637	ug/l	88
60) Dibromochloromethane	10.90	129	187734	51.804	ug/l	99
61) 1,2-Dibromoethane	11.01	107	176217	53.769	ug/l	97
64) Tetrachloroethene	10.63	164	185943	42.476	ug/l	98
65) Chlorobenzene	11.44	112	500982	47.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180600	44.069	ug/l	99
67) Ethyl Benzene	11.51	91	2521669	133.426	ug/l	99
68) m/p-Xylenes	11.62	106	2869073	425.300	ug/l	99
69) o-Xylene	11.95	106	482743	72.198	ug/l	94
70) Styrene	11.96	104	577145	56.217	ug/l	93
71) Bromoform	12.13	173	117331	51.597	ug/l #	99
73) Isopropylbenzene	12.25	105	3617508	166.894	ug/l	100
74) N-amyl acetate	12.05	43	1667558	227.961	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.51	83	108603	17.140	ug/l #	2
76) 1,2,3-Trichloropropane	12.55	75	224549m	41.979	ug/l	
77) Bromobenzene	12.53	156	215917	39.235	ug/l	89
78) n-propylbenzene	12.59	91	8891314	303.675	ug/l	99
79) 2-Chlorotoluene	12.68	91	994936m	65.217	ug/l	
80) 1,3,5-Trimethylbenzene	12.73	105	13225529	591.857	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56943	37.859	ug/l #	35
82) 4-Chlorotoluene	12.78	91	557855	32.769	ug/l	87
83) tert-Butylbenzene	12.99	119	1112160	71.571	ug/l	97
84) 1,2,4-Trimethylbenzene	13.03	105	21277438m	1064.674	ug/l	
85) sec-Butylbenzene	13.17	105	4949026	203.766	ug/l	79
86) p-Isopropyltoluene	13.29	119	4469081	223.874	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	358769	37.615	ug/l #	74
88) 1,4-Dichlorobenzene	13.36	146	342517	38.133	ug/l #	79
89) n-Butylbenzene	13.62	91	5110440m	360.270	ug/l	
90) Hexachloroethane	13.89	117	626018	202.874	ug/l #	23
91) 1,2-Dichlorobenzene	13.65	146	349866	37.010	ug/l #	77
92) 1,2-Dibromo-3-Chloropropan	14.26	75	49378m	65.848	ug/l	

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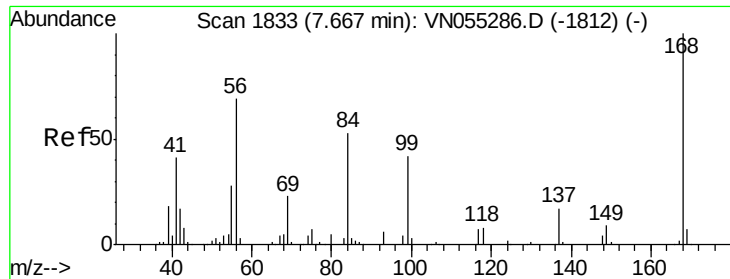
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	229570	60.831	ug/l #	64
94) Hexachlorobutadiene	15.01	225	152211	53.717	ug/l	97
95) Naphthalene	15.13	128	2101022	250.864	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	217940	58.891	ug/l #	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055358.D

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Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:168 Resp: 367943

Ion Ratio Lower Upper

168 100

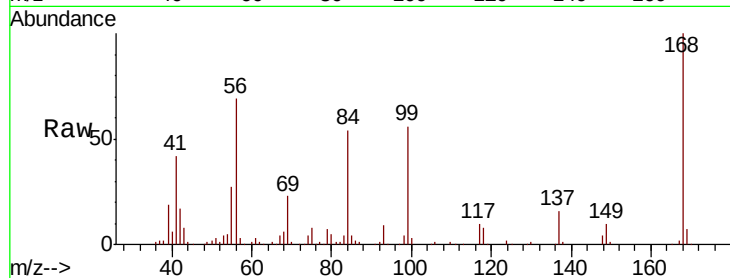
99 55.9 43.6 65.4

Manual Integrations

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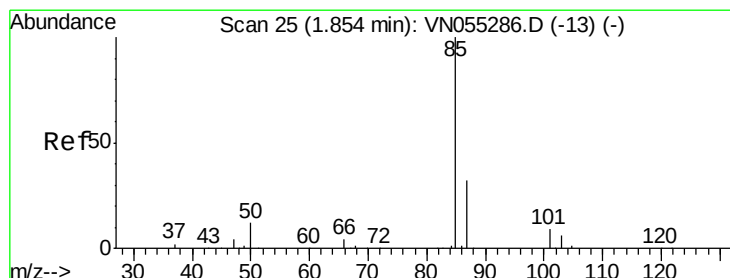
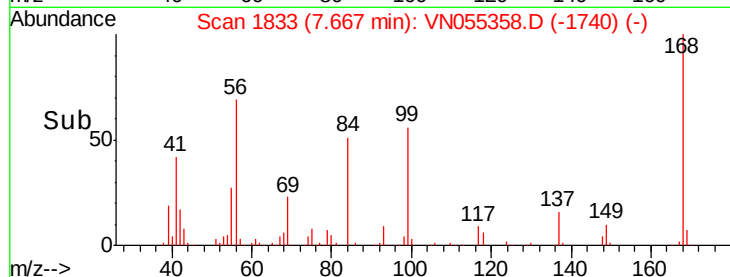
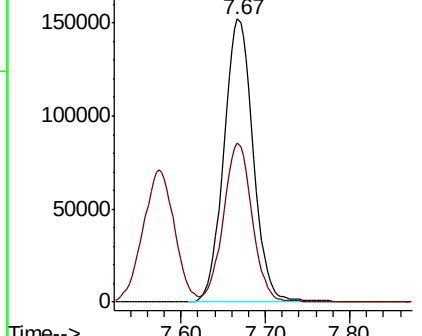
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.459 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055358.D

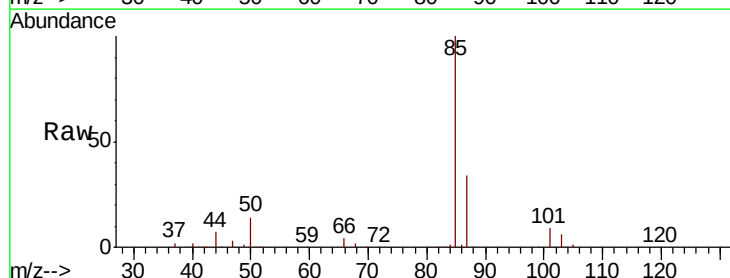
Acq: 2 May 2019 18:50

Tgt Ion: 85 Resp: 200423

Ion Ratio Lower Upper

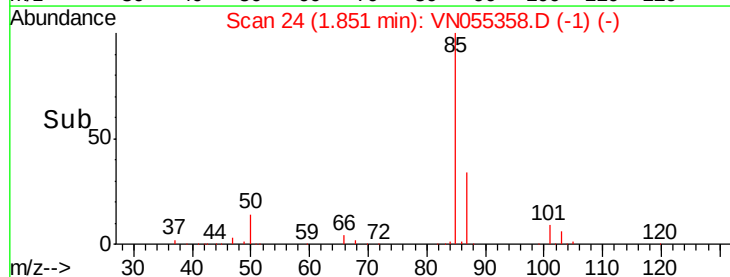
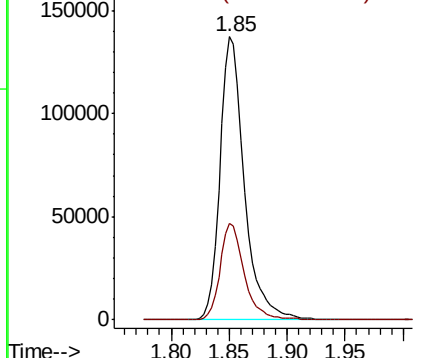
85 100

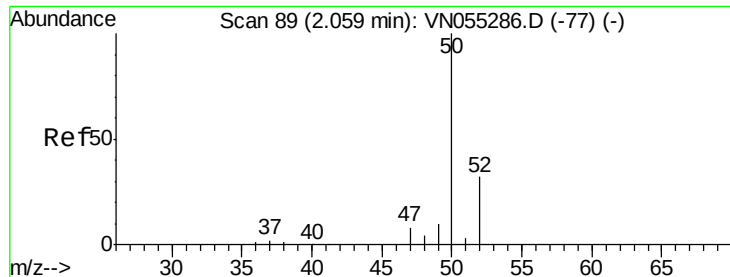
87 34.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.785 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion: 50 Resp: 238831

Ion Ratio Lower Upper

50 100

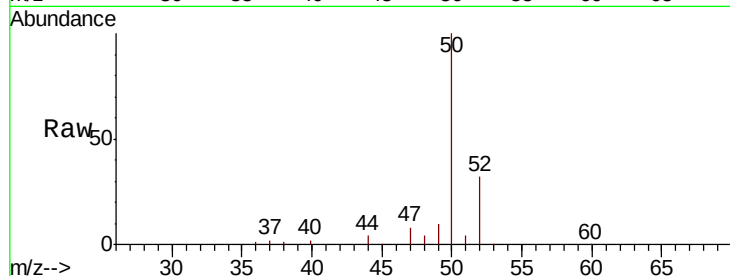
52 31.6 25.7 38.5

Manual Integrations

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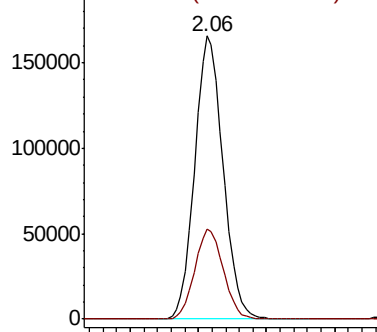
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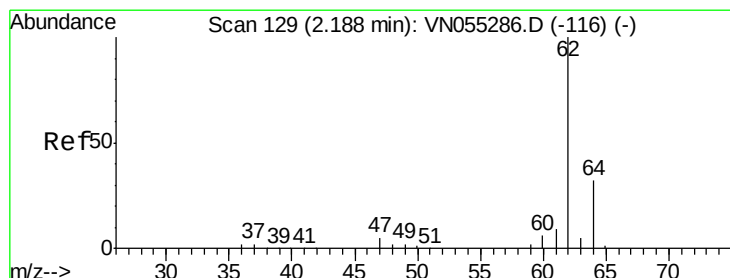
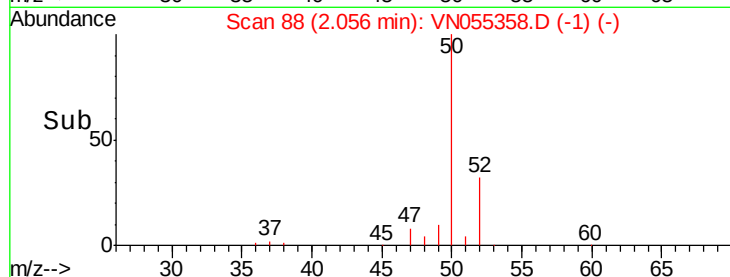


Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



Time-->



#4

Vinyl Chloride

Concen: 44.908 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055358.D

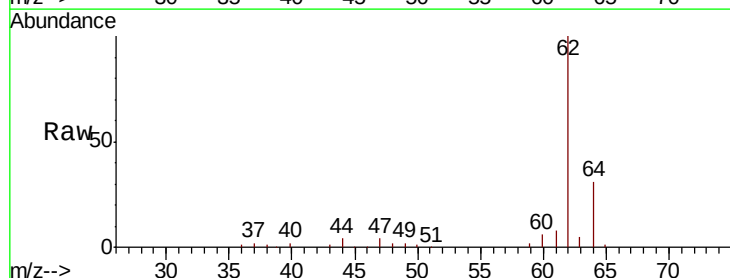
Acq: 2 May 2019 18:50

Tgt Ion: 62 Resp: 202070

Ion Ratio Lower Upper

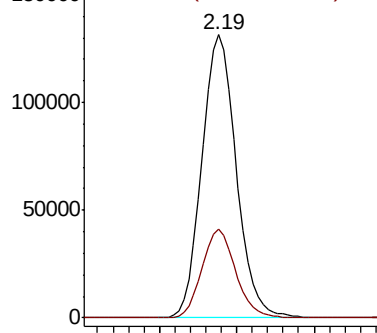
62 100

64 31.2 25.5 38.3

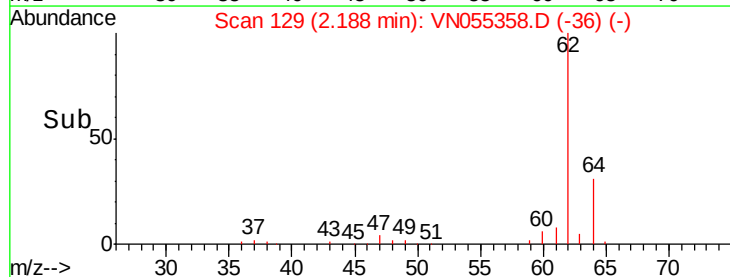


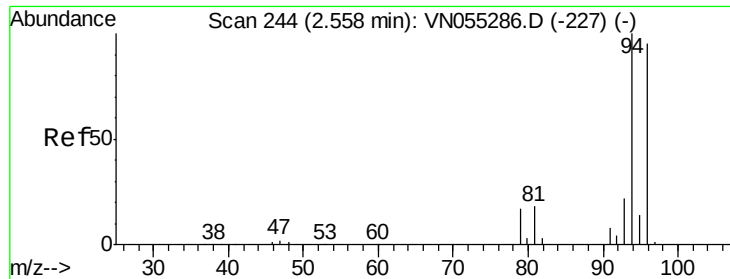
Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



Time-->





#5

Bromomethane

Concen: 45.512 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.02 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

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Tgt Ion: 94 Resp: 108475

Ion Ratio Lower Upper

94 100

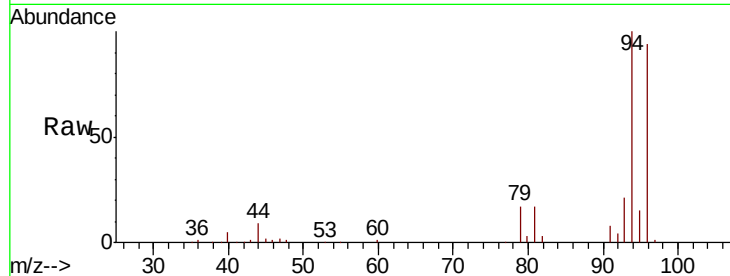
96 94.3 76.0 114.0

Manual Integrations

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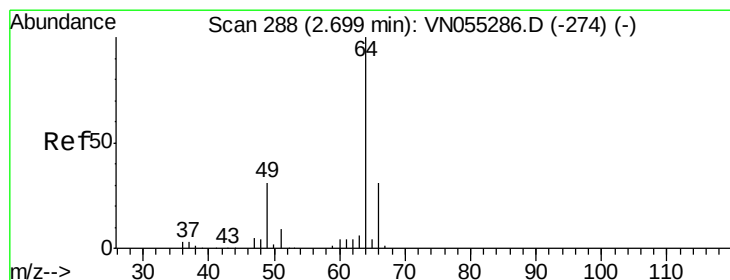
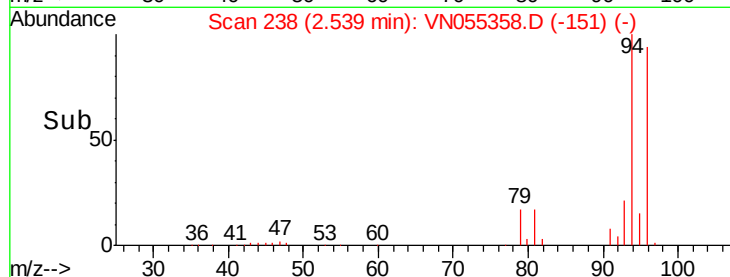
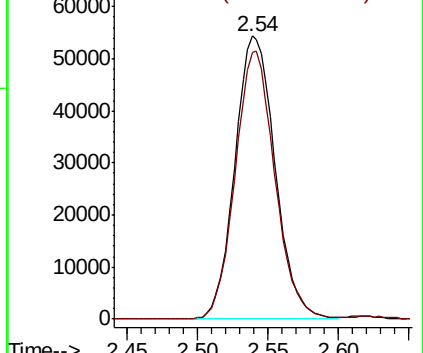
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.237 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN055358.D

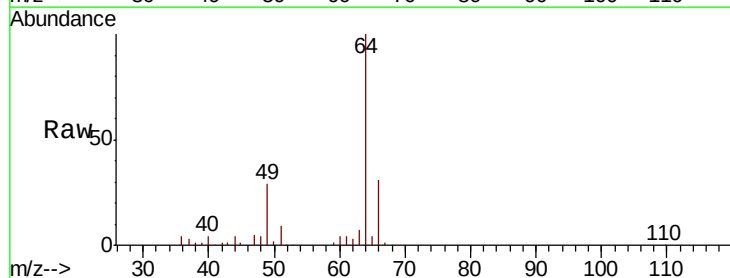
Acq: 2 May 2019 18:50

Tgt Ion: 64 Resp: 115144

Ion Ratio Lower Upper

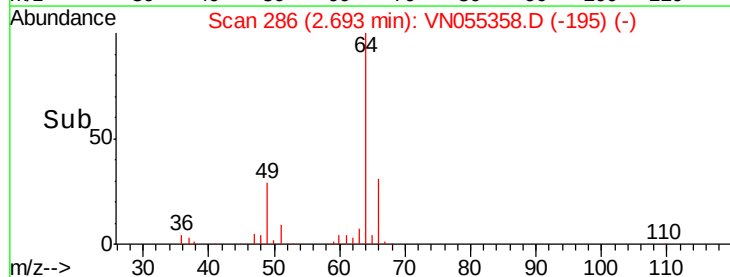
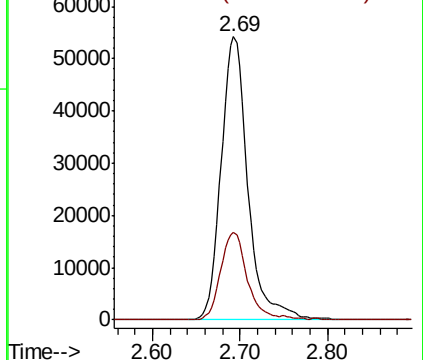
64 100

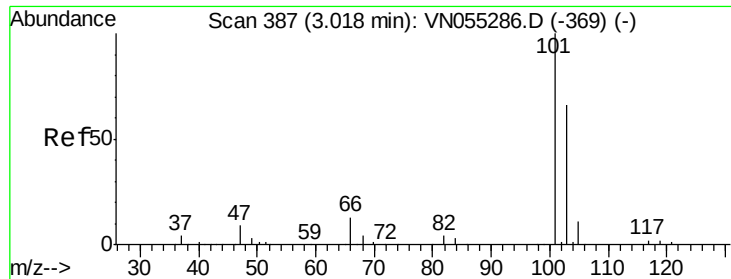
66 30.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

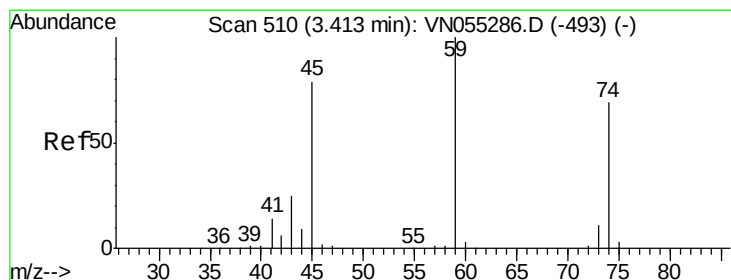
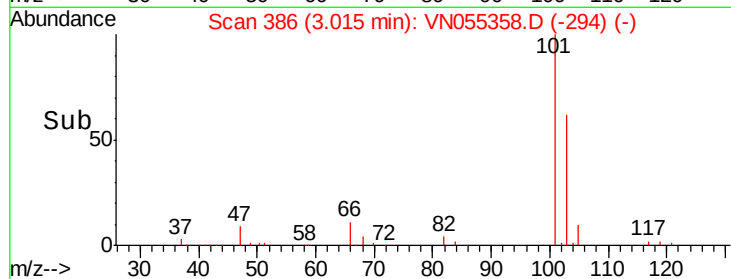
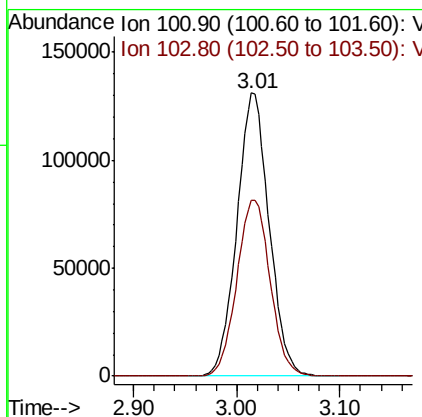
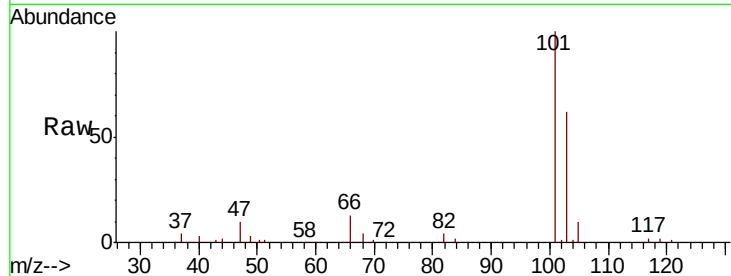
Trichlorofluoromethane
 Concen: 44.531 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

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Tgt Ion: 101 Resp: 284929
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.6 79.0

Manual Integrations
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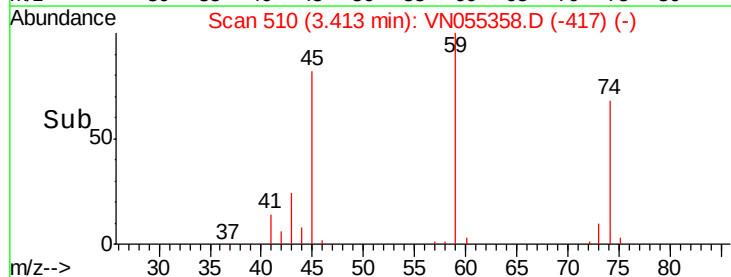
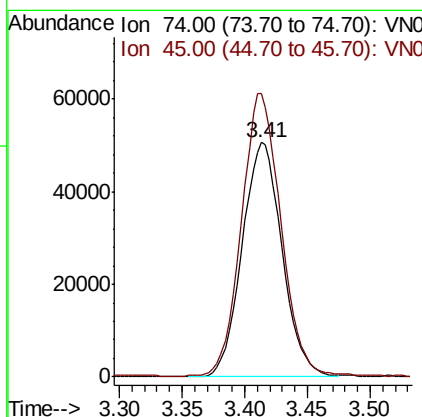
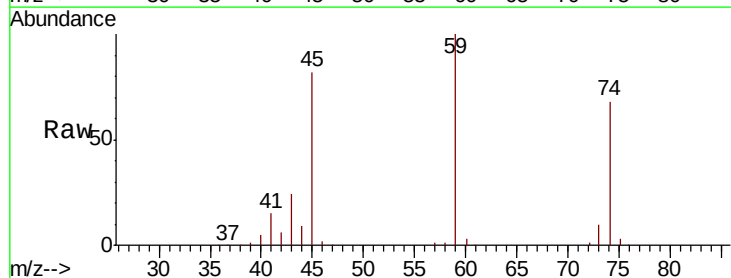
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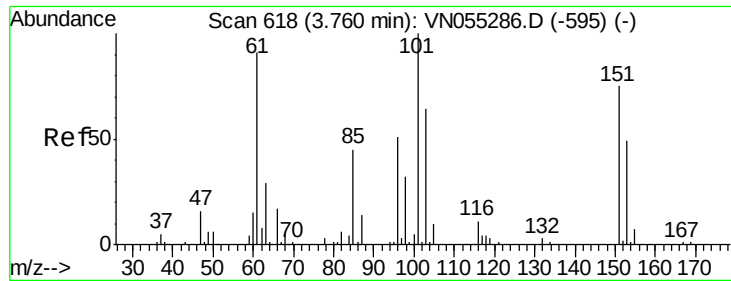


#8

Diethyl Ether
 Concen: 50.095 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion: 74 Resp: 112141
 Ion Ratio Lower Upper
 74 100
 45 119.0 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.723 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

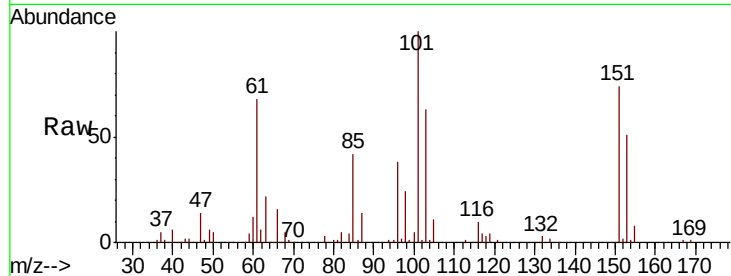
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:	101	Resp:	170402
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.7	53.5
151	78.0	63.3	94.9

Manual Integrations
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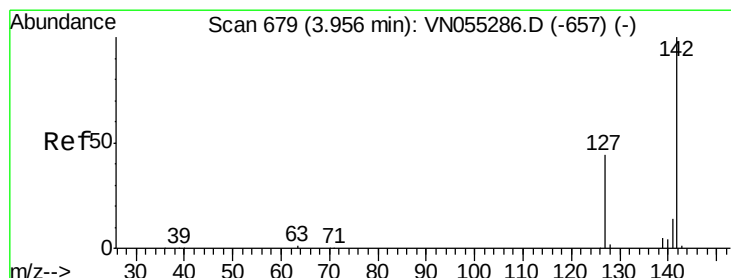
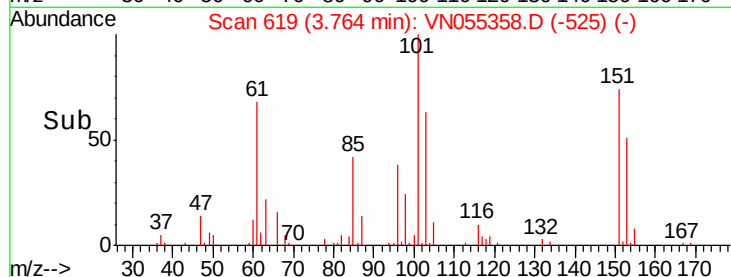
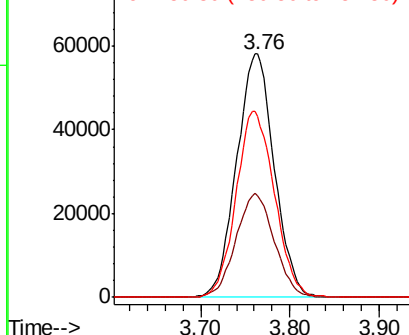


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.610 ug/l

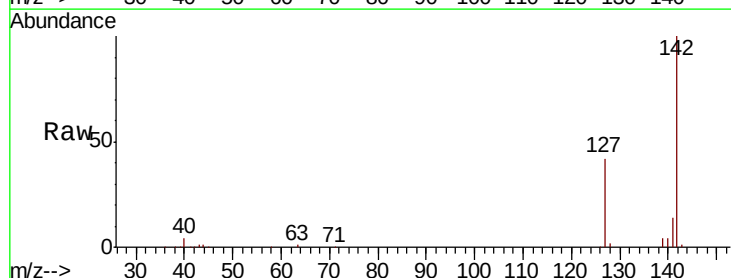
RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion:	142	Resp:	244564
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.4	51.6
141	14.5	11.5	17.3

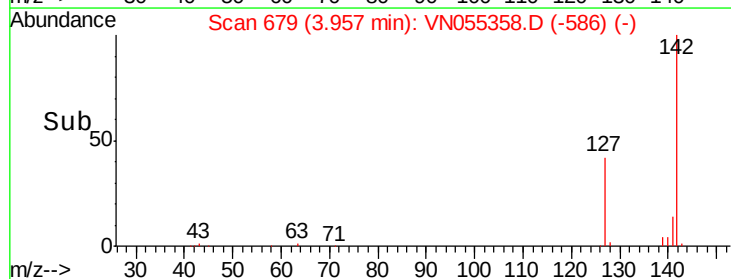
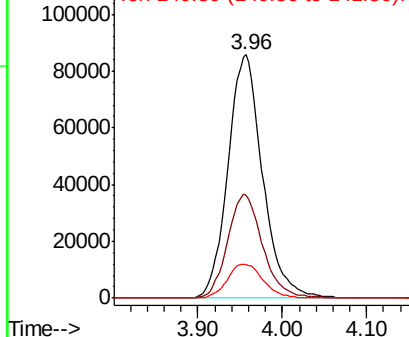


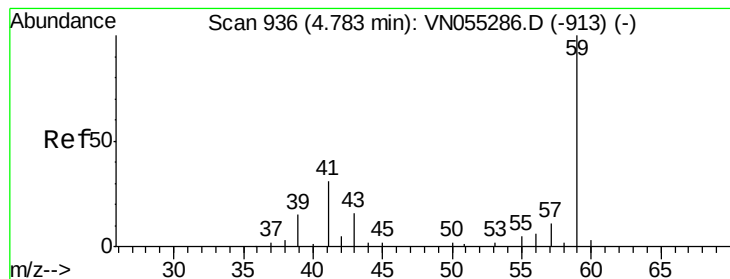
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

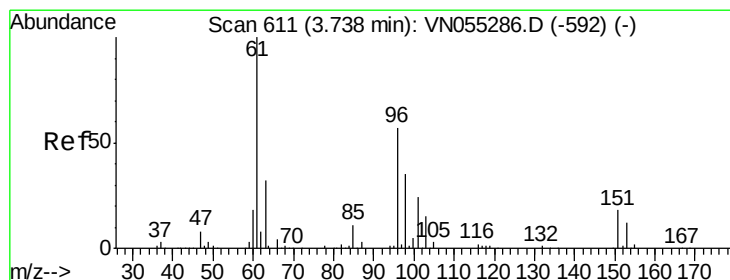
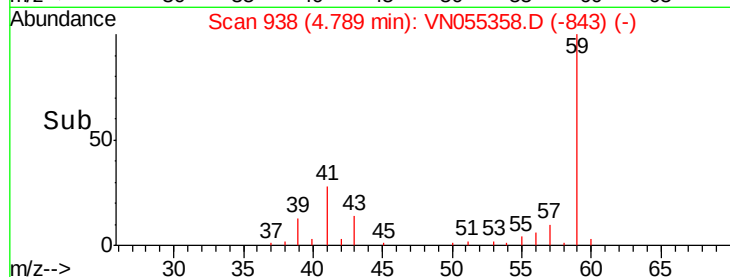
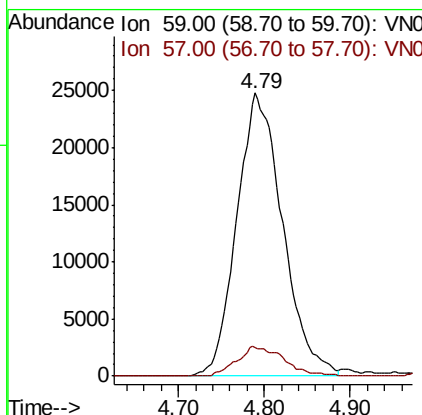
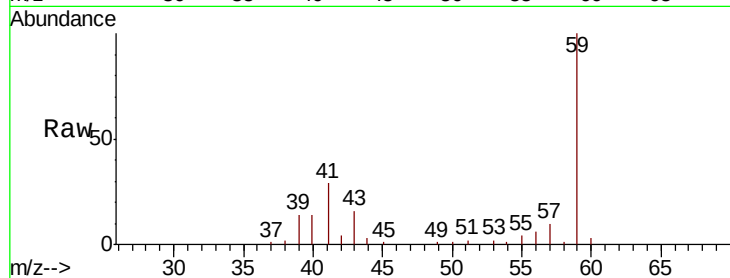
Tert butyl alcohol
 Concen: 333.179 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

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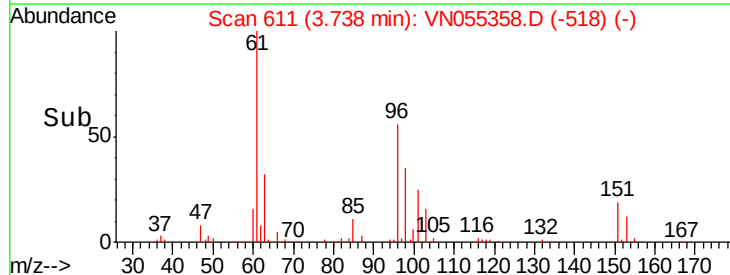
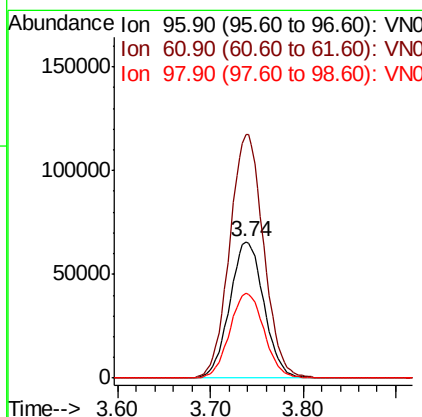
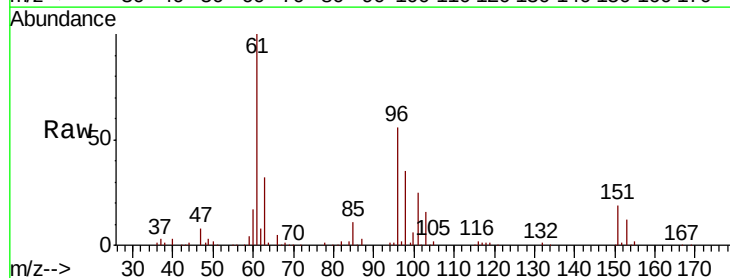
MMDadoda
 5/3/2019 1:10:22 PM

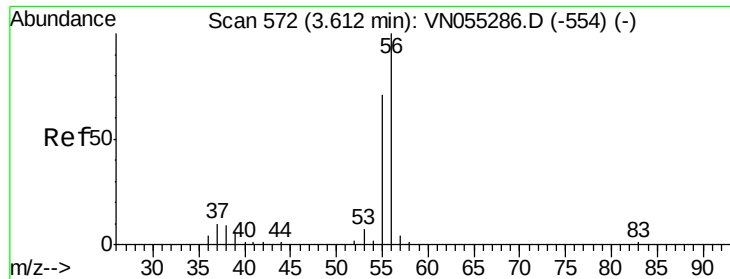


#12

1,1-Dichloroethene
 Concen: 46.256 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.1	140.9	211.3
98	61.8	50.0	75.0





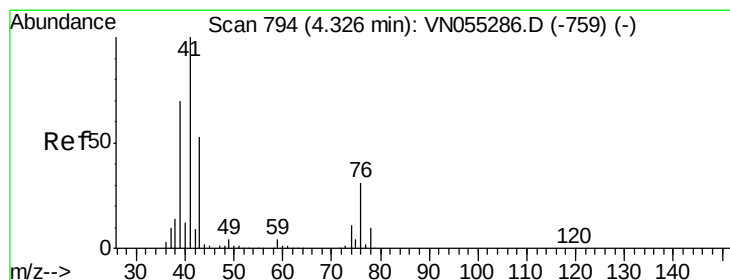
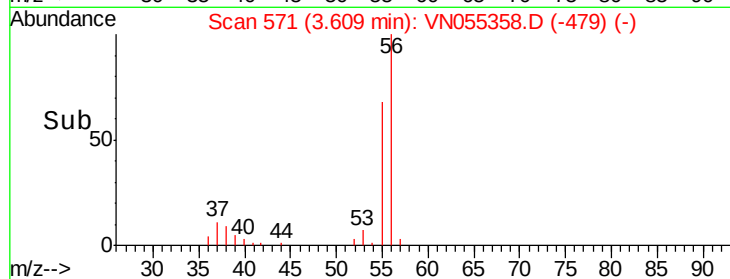
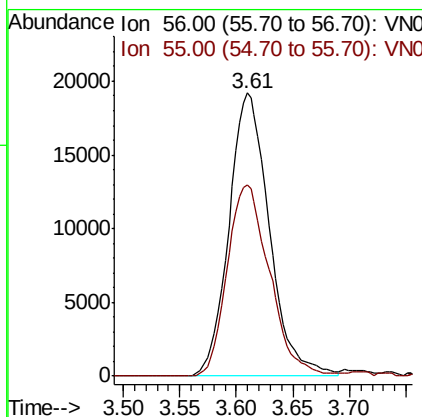
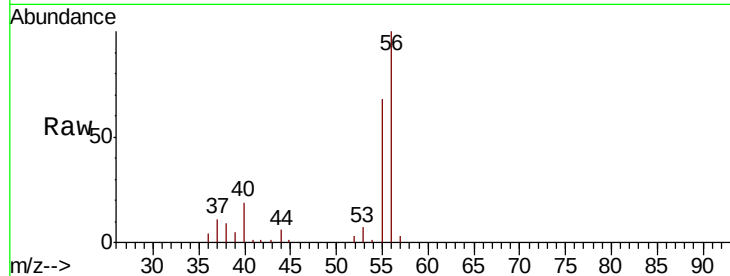
#13
 Acrolein
 Concen: 221.741 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tgt Ion: 56 Resp: 47724
 Ion Ratio Lower Upper
 56 100
 55 70.4 57.4 86.2

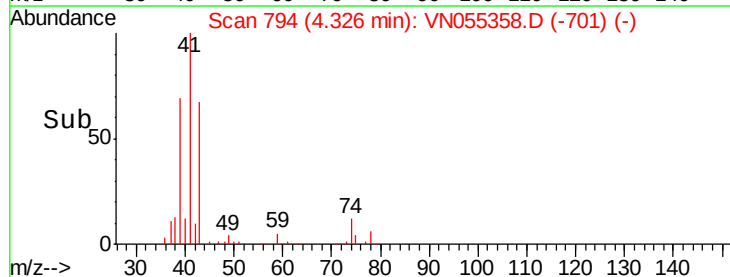
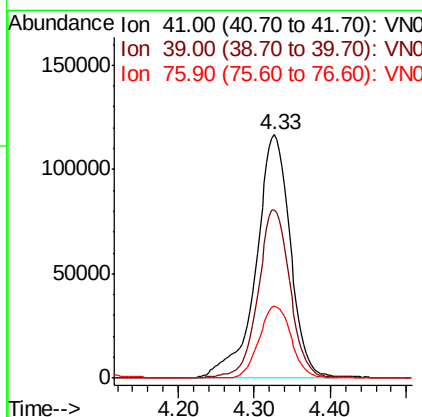
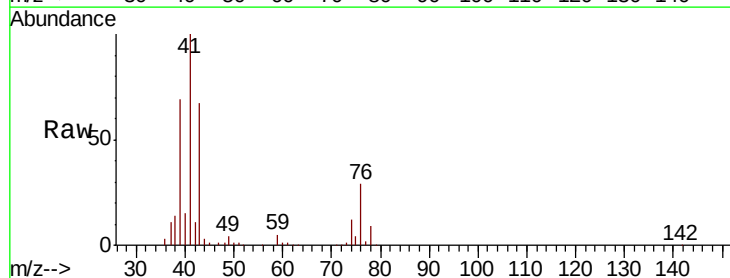
Manual Integrations
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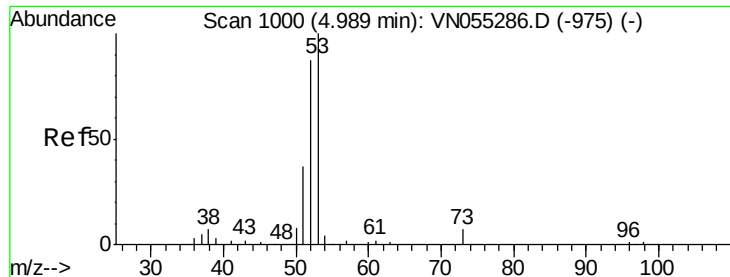
MMDadoda
 5/3/2019 1:10:22 PM



#14
 Allyl chloride
 Concen: 48.294 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion: 41 Resp: 363548
 Ion Ratio Lower Upper
 41 100
 39 65.1 53.0 79.6
 76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 286.388 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

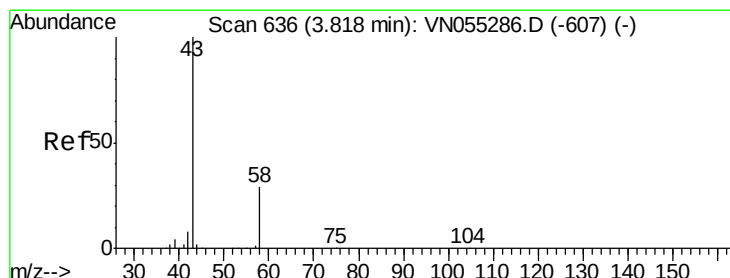
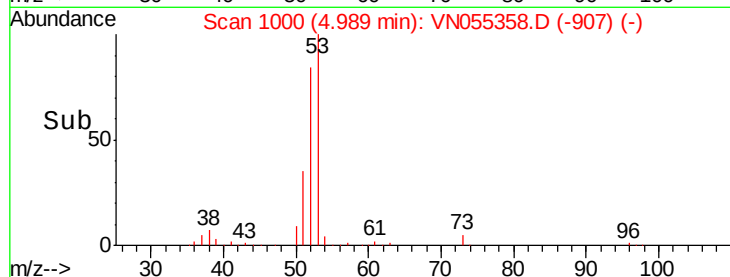
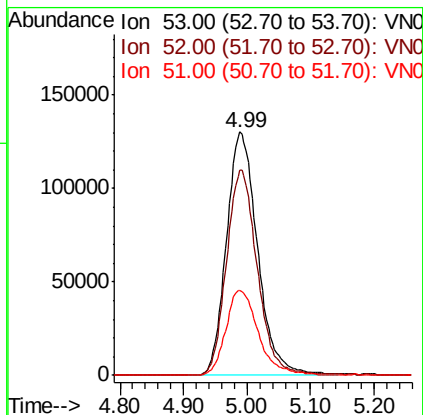
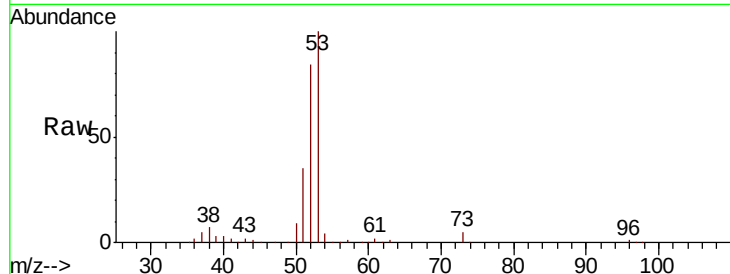
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:	53	Resp:	443629
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.5	99.7
51	36.5	29.6	44.4

Manual Integrations
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5/3/2019 1:10:22 PM



#16

Acetone

Concen: 246.855 ug/l

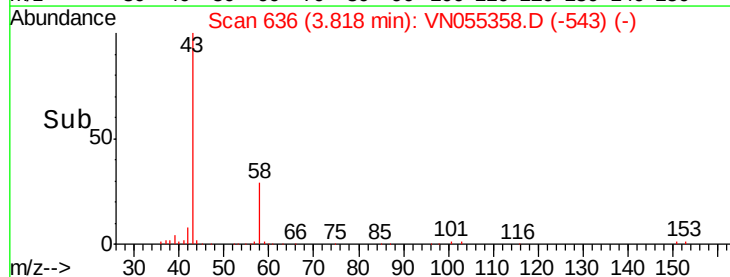
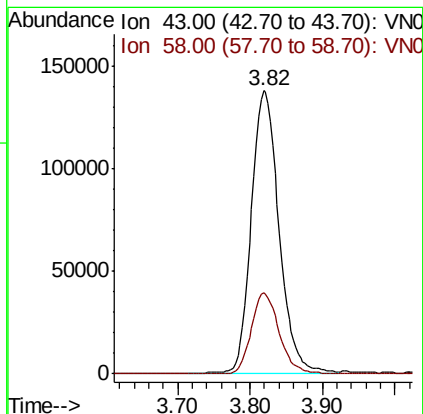
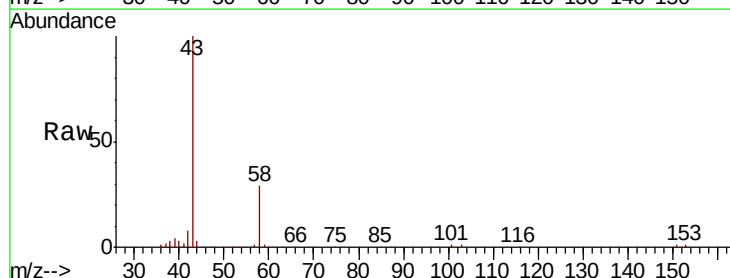
RT: 3.82 min Scan# 636

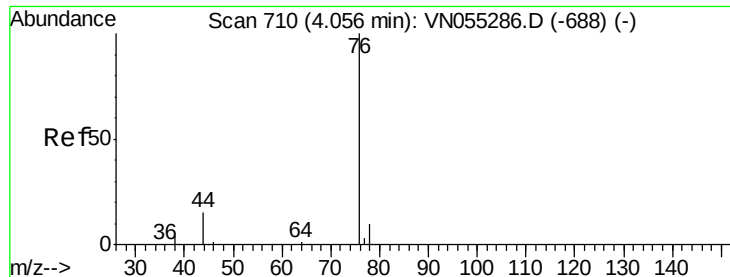
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion:	43	Resp:	370241
Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.6	35.4





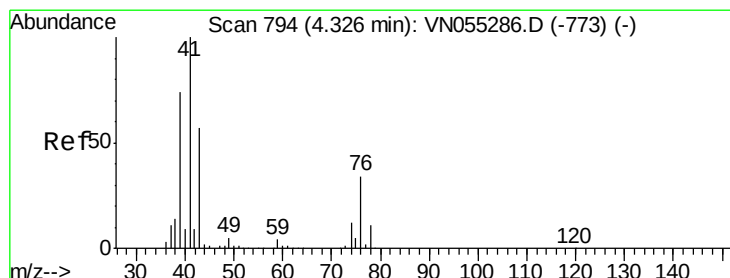
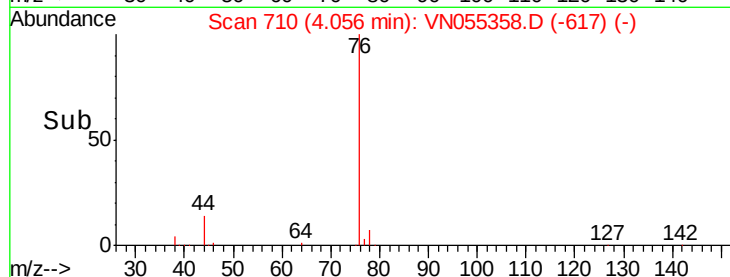
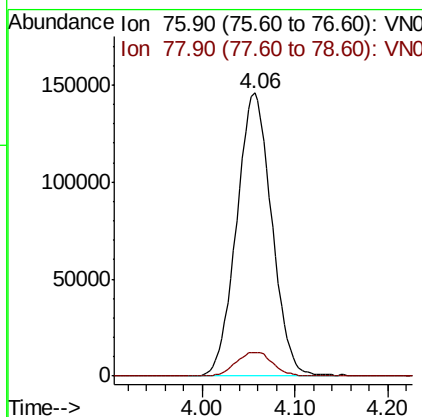
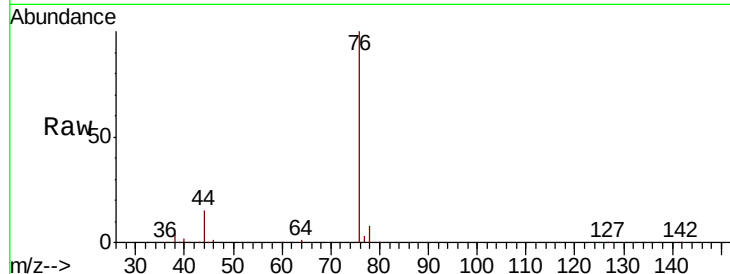
#17
Carbon Disulfide
Concen: 40.412 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion: 76 Resp: 383327
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4

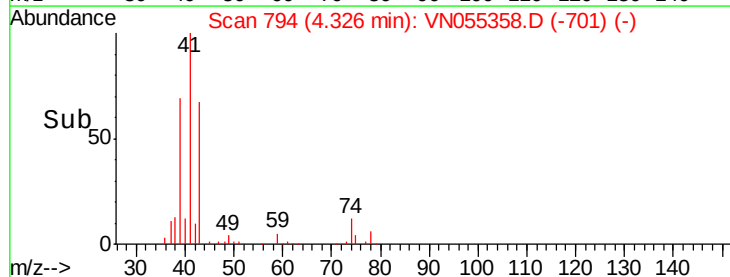
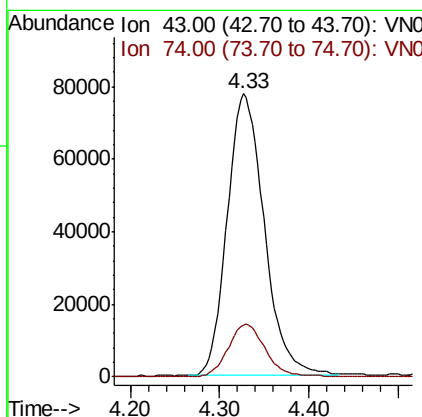
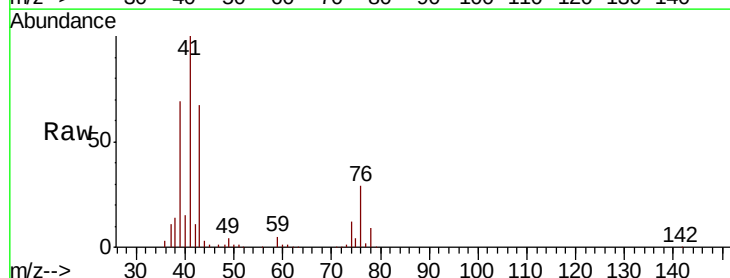
Manual Integrations
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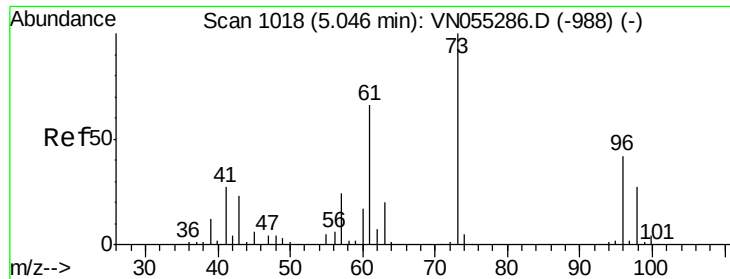
MMDadoda
5/3/2019 1:10:22 PM



#18
Methyl Acetate
Concen: 61.623 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 43 Resp: 224269
Ion Ratio Lower Upper
43 100
74 18.7 15.8 23.8





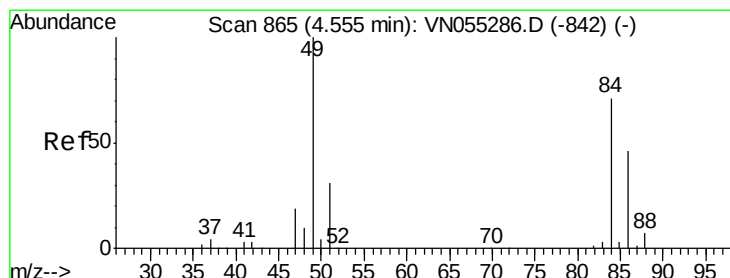
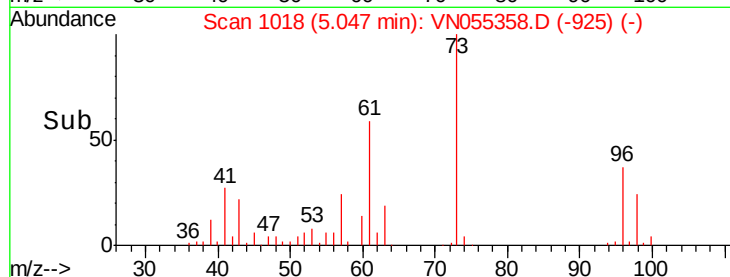
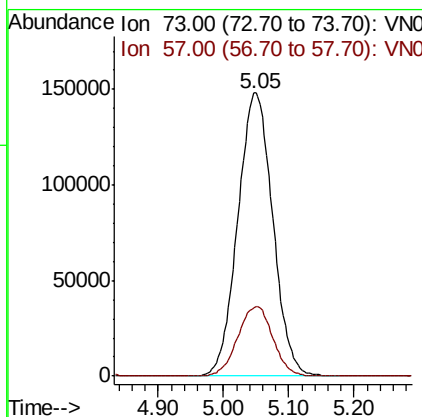
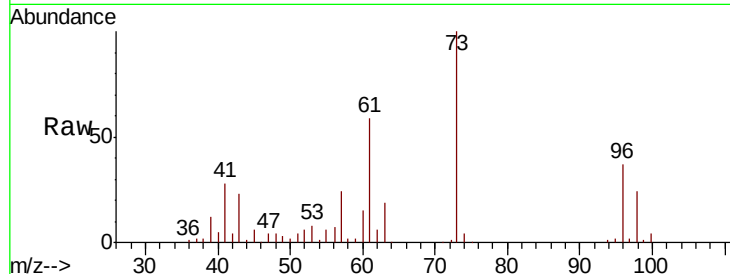
#19
Methyl tert-butyl Ether
Concen: 53.937 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion: 73 Resp: 551122
Ion Ratio Lower Upper
73 100
57 23.9 19.1 28.7

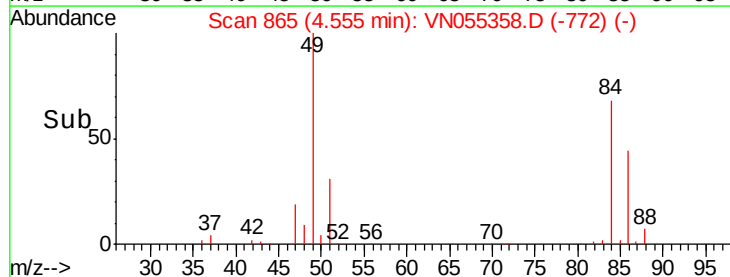
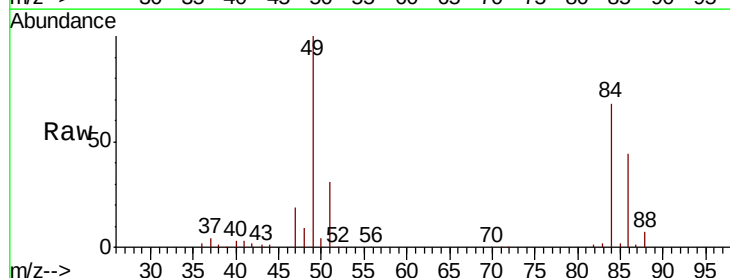
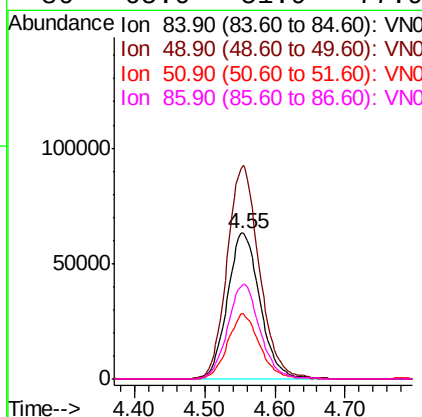
Manual Integrations
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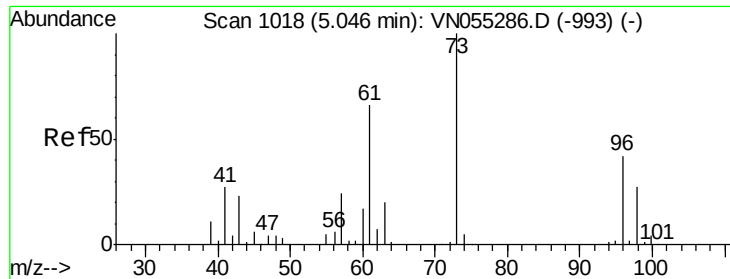
MMDadoda
5/3/2019 1:10:22 PM



#20
Methylene Chloride
Concen: 44.586 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 84 Resp: 204113
Ion Ratio Lower Upper
84 100
49 146.6 112.4 168.6
51 44.9 34.6 51.8
86 65.0 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 45.530 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

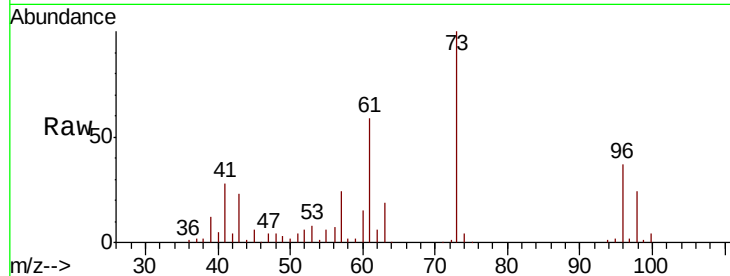
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:	96	Resp:	175261
Ion	Ratio	Lower	Upper
96	100		
61	158.3	126.2	189.4
98	65.5	52.2	78.2

Manual Integrations
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MMDadoda
5/3/2019 1:10:22 PM

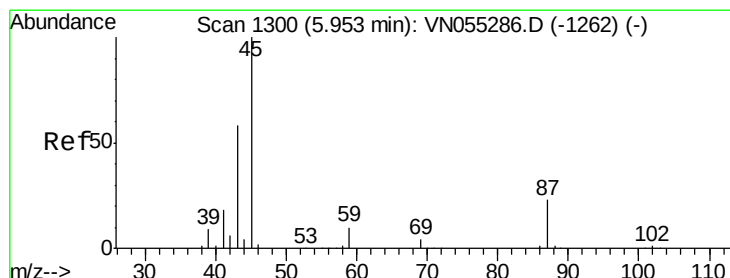
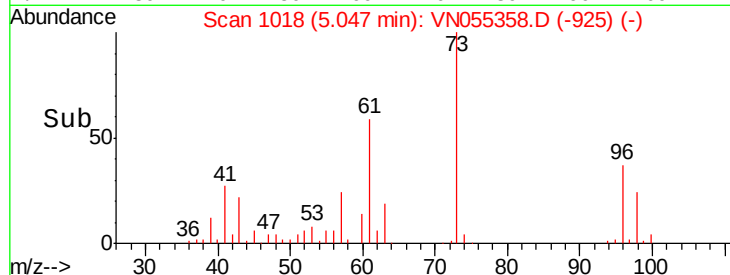
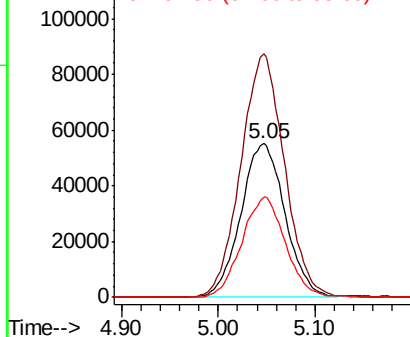


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.327 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion:	45	Resp:	767694
Ion	Ratio	Lower	Upper
45	100		
43	60.0	46.6	70.0
87	22.1	18.1	27.1
59	10.3	8.2	12.2

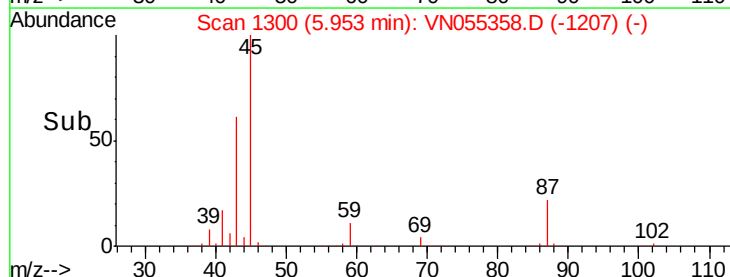
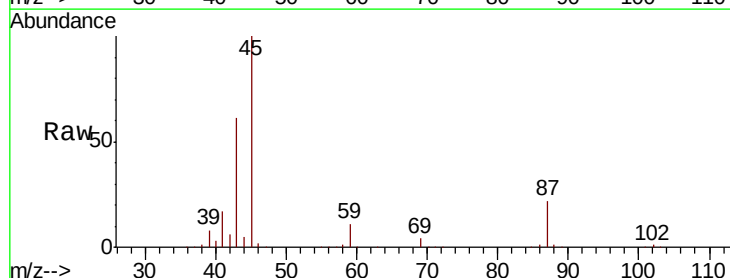
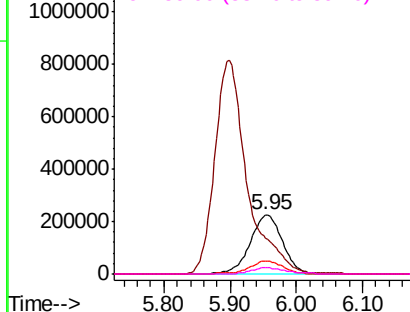
Abundance

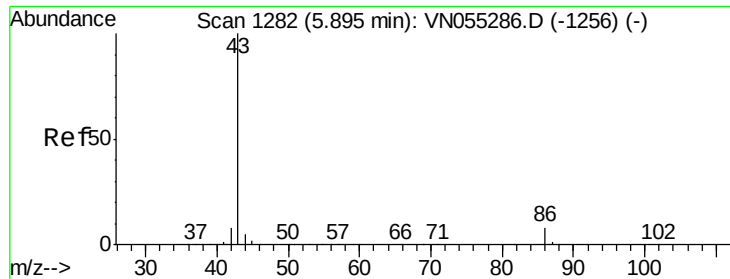
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





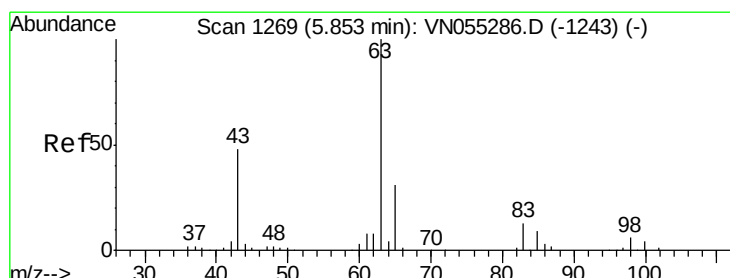
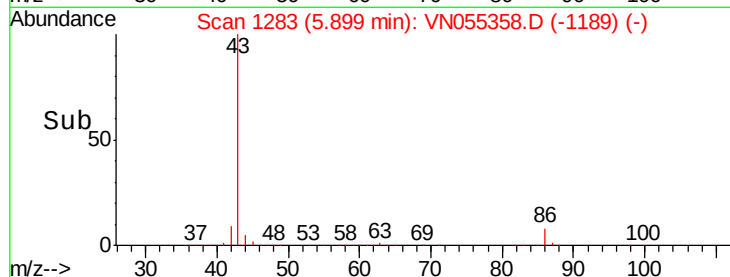
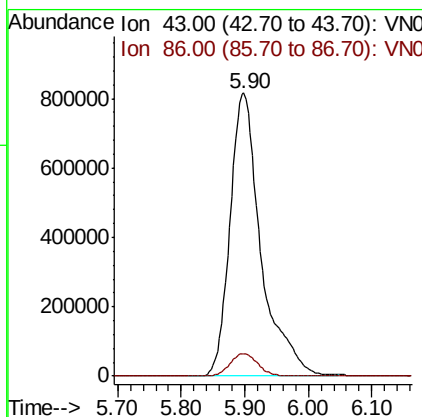
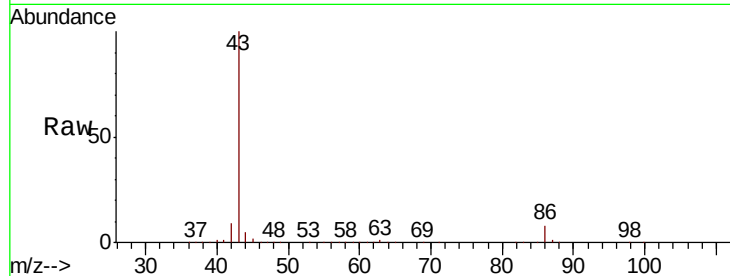
#23
 Vinyl Acetate
 Concen: 281.969 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tgt Ion: 43 Resp: 2764065
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.6 10.0

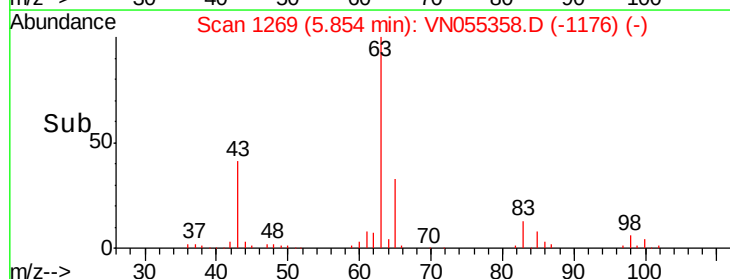
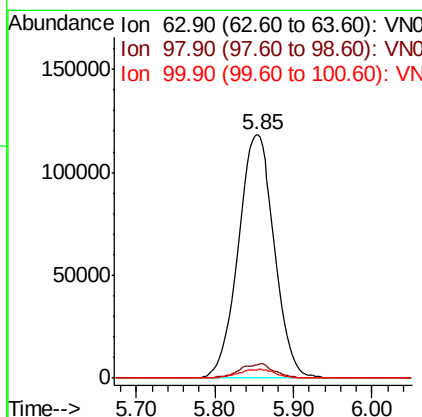
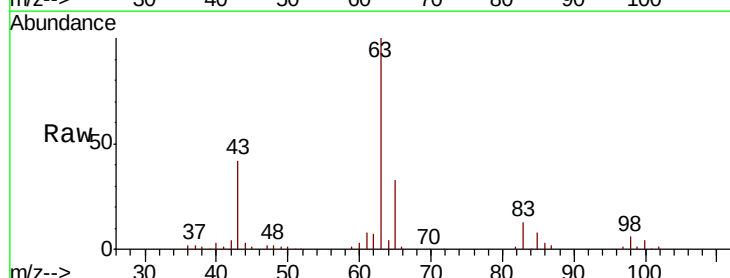
Manual Integrations
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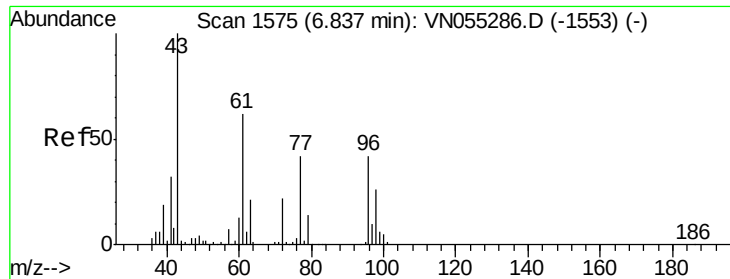
MMDadoda
 5/3/2019 1:10:22 PM



#24
 1,1-Dichloroethane
 Concen: 47.732 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion: 63 Resp: 380383
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.0 9.0
 100 3.5 1.8 5.4





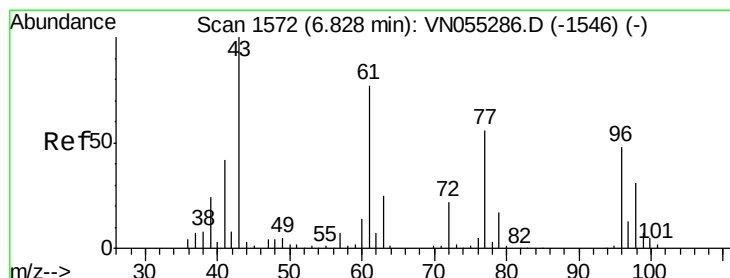
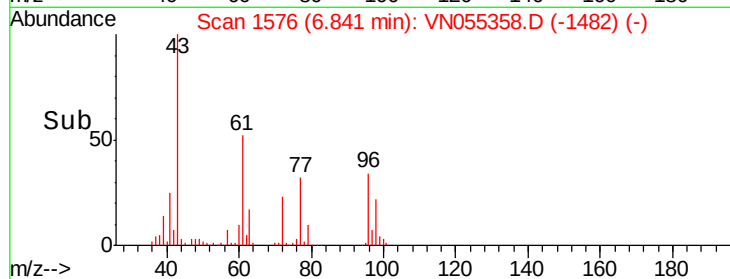
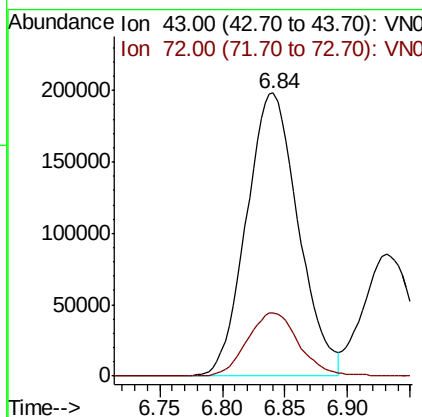
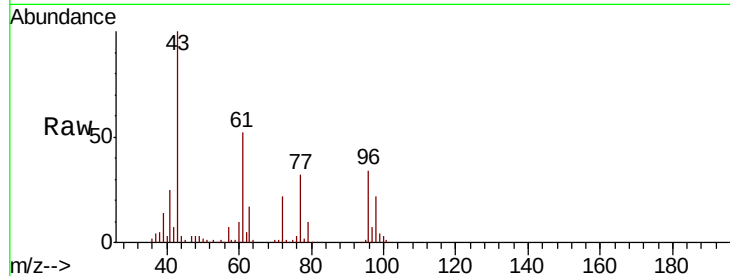
#25
2-Butanone
Concen: 296.564 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion: 43 Resp: 568836
Ion Ratio Lower Upper
43 100
72 22.5 18.0 27.0

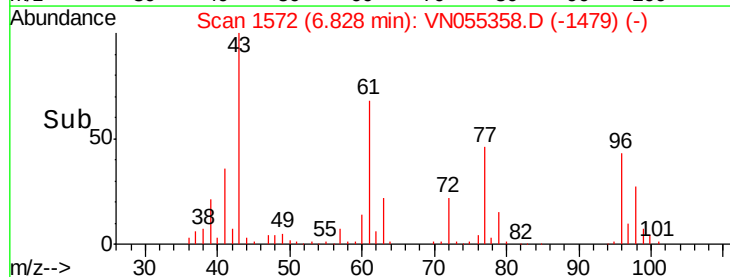
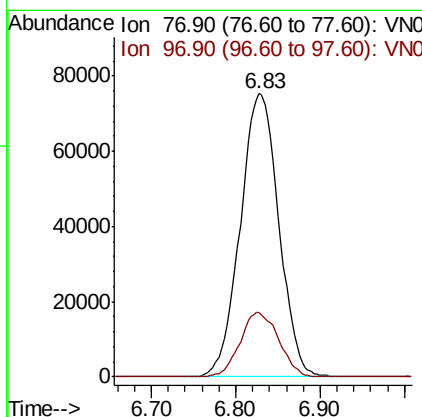
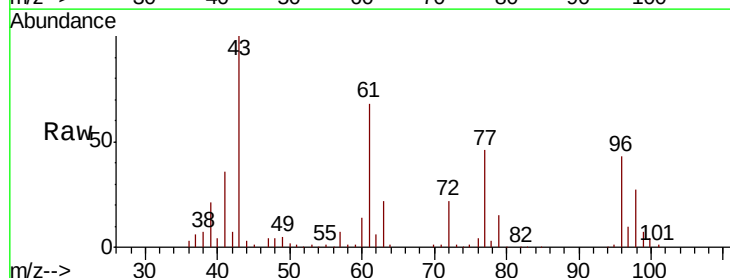
Manual Integrations
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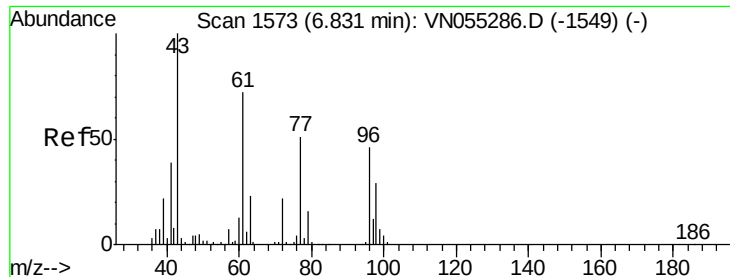
MMDadoda
5/3/2019 1:10:22 PM



#26
2,2-Dichloropropane
Concen: 43.382 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 77 Resp: 238732
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.651 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055358.D

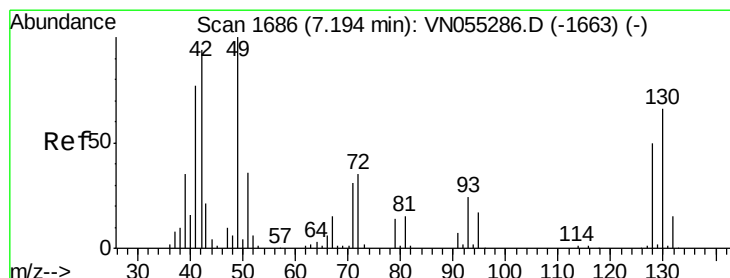
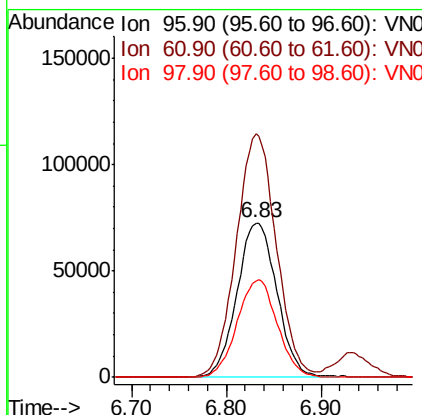
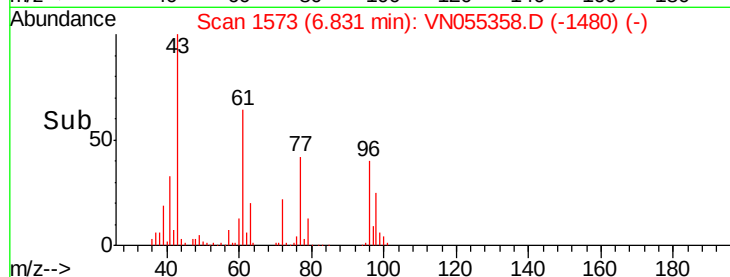
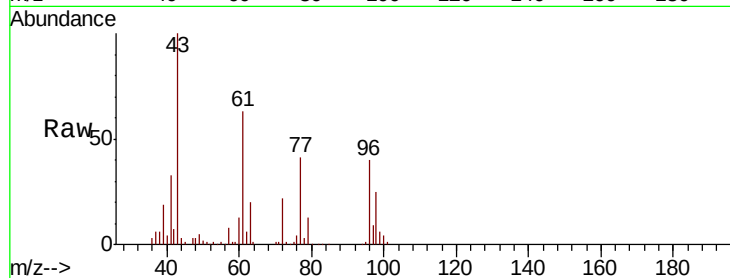
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	212970		
61	157.9	0.0	316.2	
98	63.5	0.0	126.6	

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5/3/2019 1:10:22 PM



#28

Bromochloromethane

Concen: 48.907 ug/l

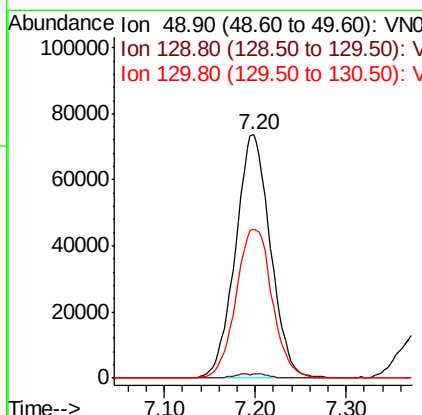
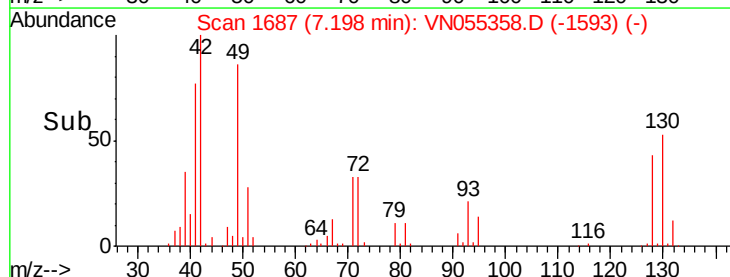
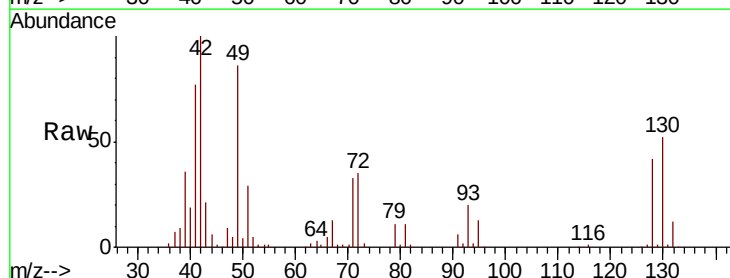
RT: 7.20 min Scan# 1687

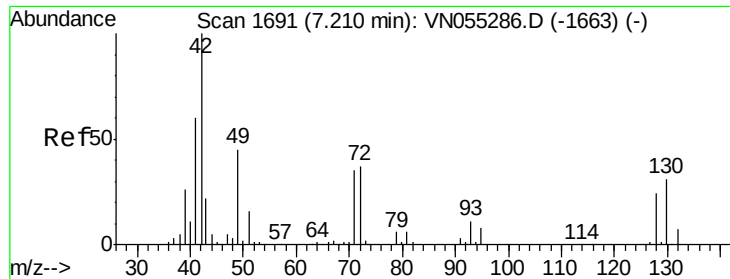
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	196458		
129	0.8	0.0	2.4	
130	63.3	52.0	78.0	





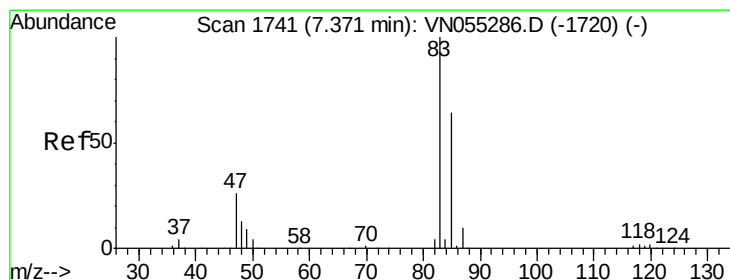
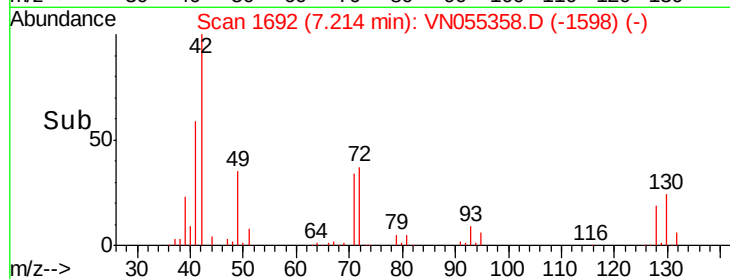
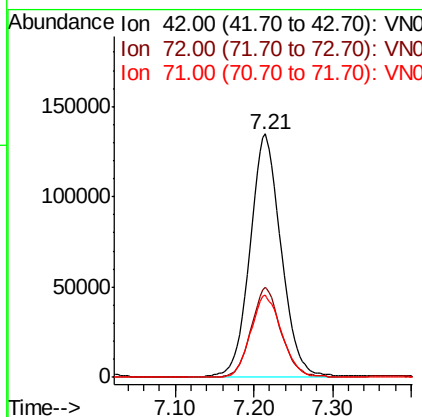
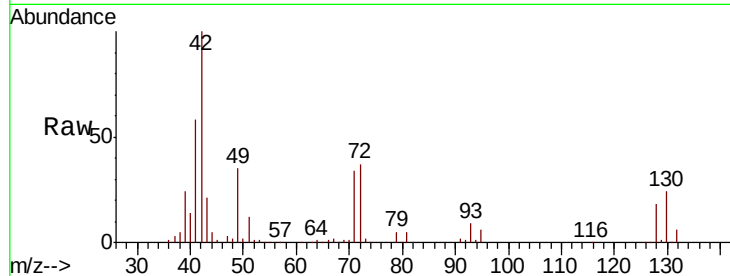
#29
Tetrahydrofuran
Concen: 306.944 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	36.0	29.0	43.6
71	33.8	27.1	40.7

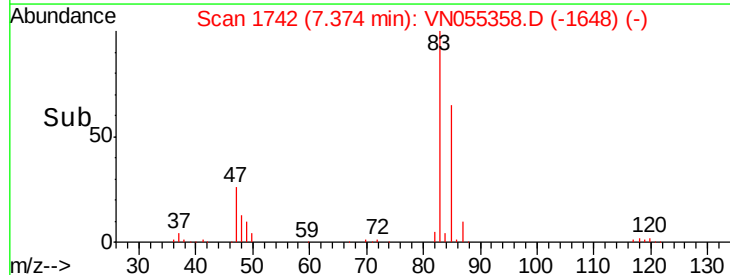
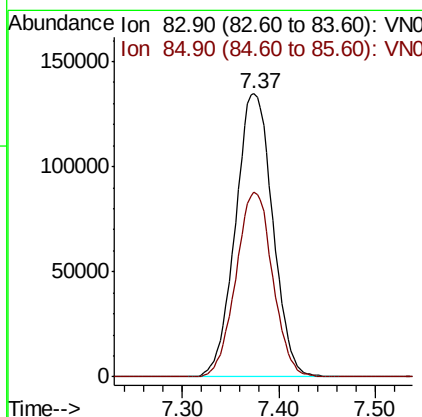
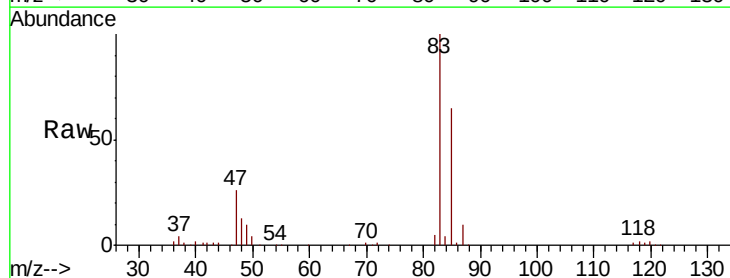
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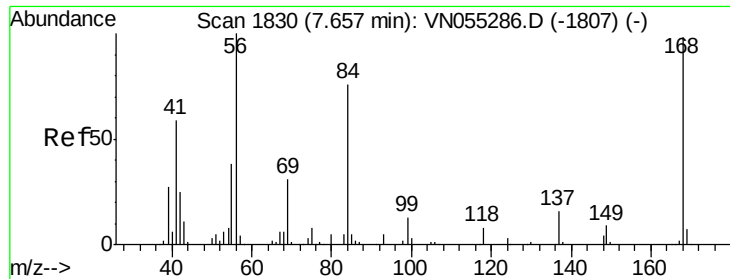
MMDadoda
5/3/2019 1:10:22 PM



#30
Chloroform
Concen: 47.843 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.4	77.2





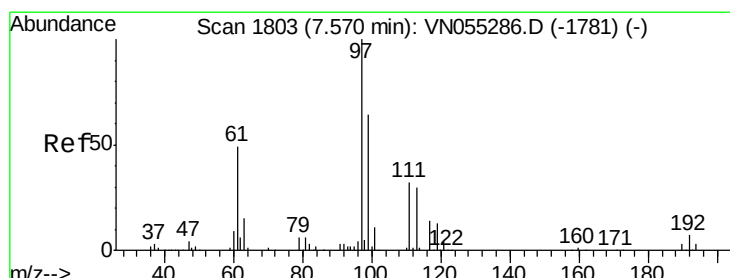
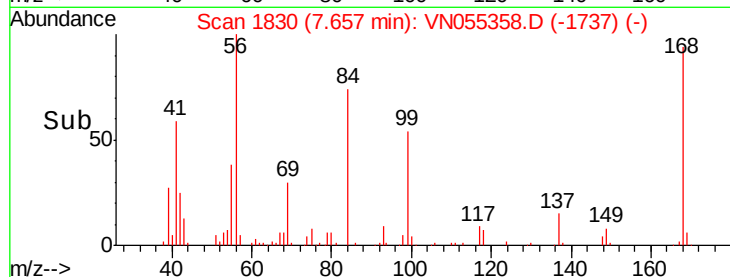
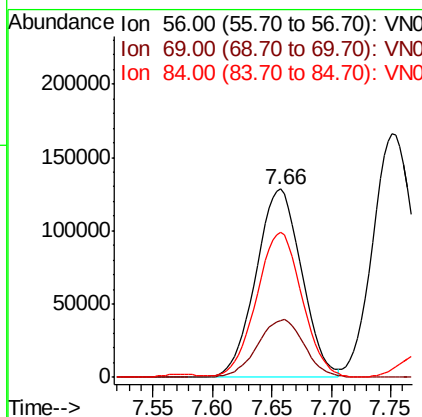
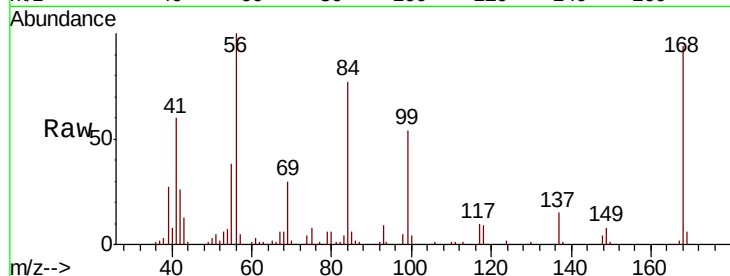
#31
Cyclohexane
Concen: 45.293 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.2	37.8
84	76.0	61.1	91.7

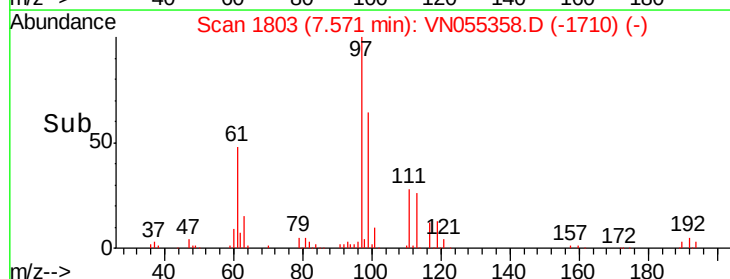
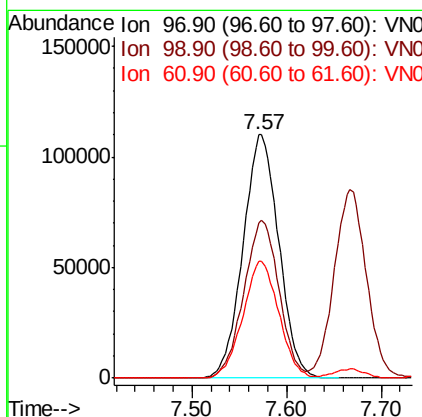
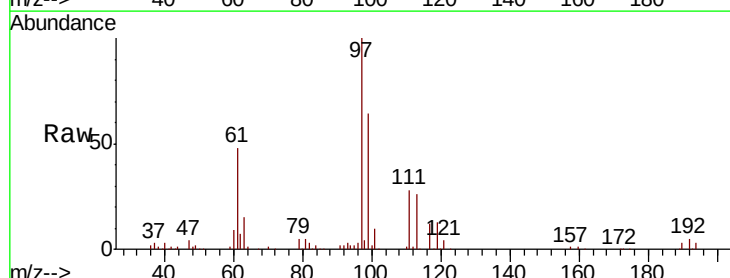
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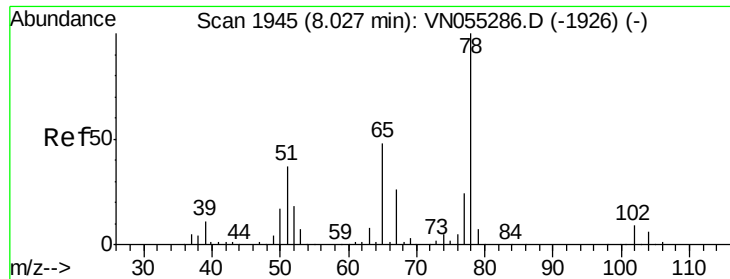
MMDadoda
5/3/2019 1:10:22 PM



#32
1,1,1-Trichloroethane
Concen: 47.111 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	48.3	39.0	58.6





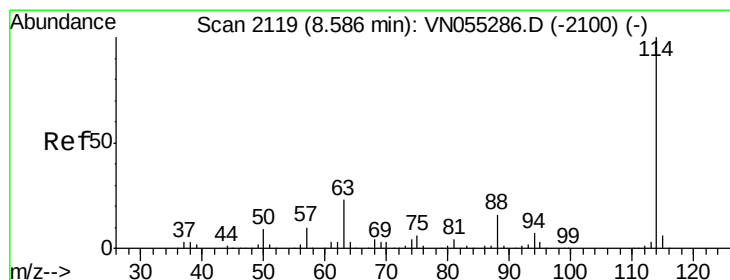
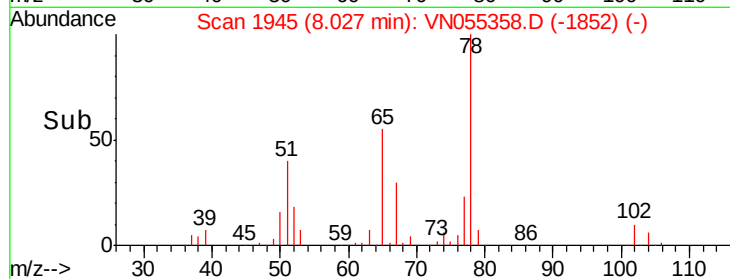
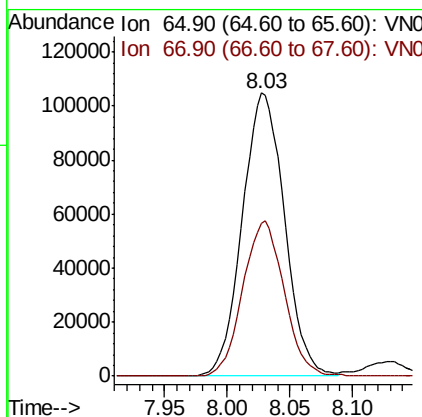
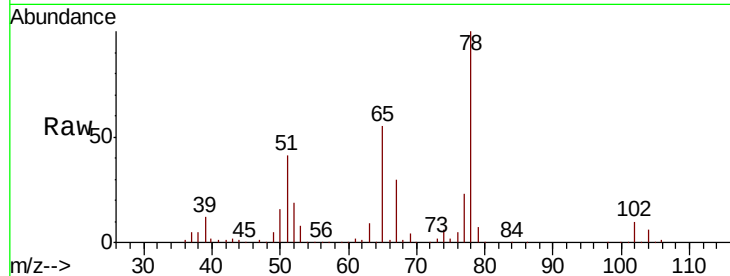
#33
 1,2-Dichloroethane-d4
 Concen: 50.951 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	245254		
67	53.8	0.0	106.8	

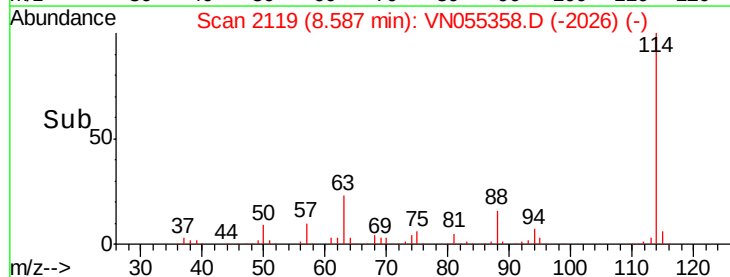
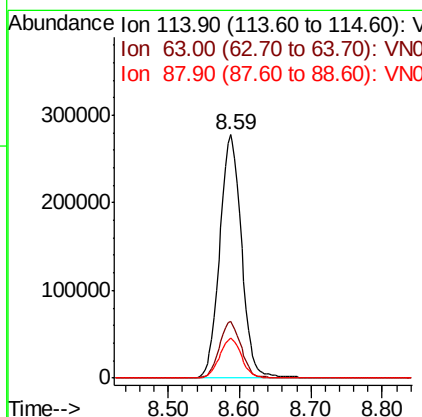
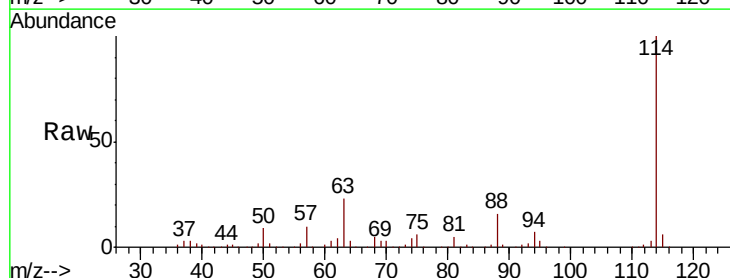
Manual Integrations
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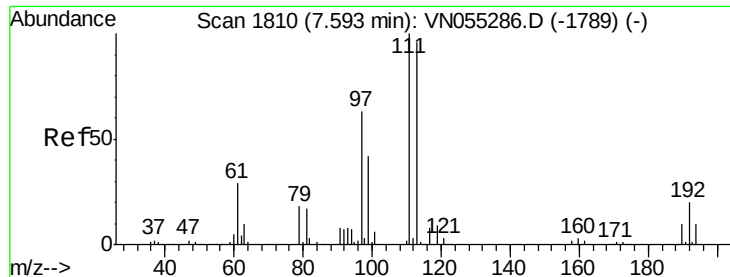
MMDadoda
 5/3/2019 1:10:22 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	589368		
63	23.4	0.0	45.2	
88	16.3	0.0	31.6	





#35

Dibromofluoromethane

Concen: 49.454 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

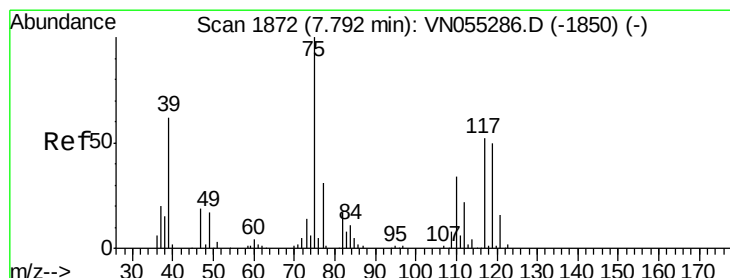
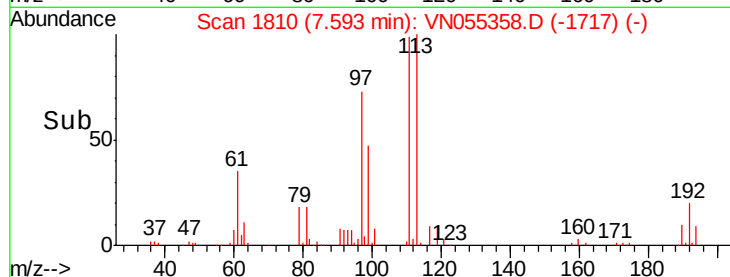
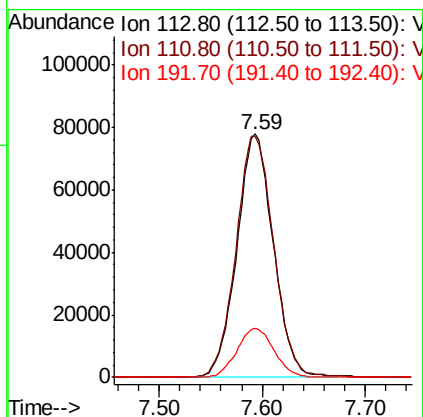
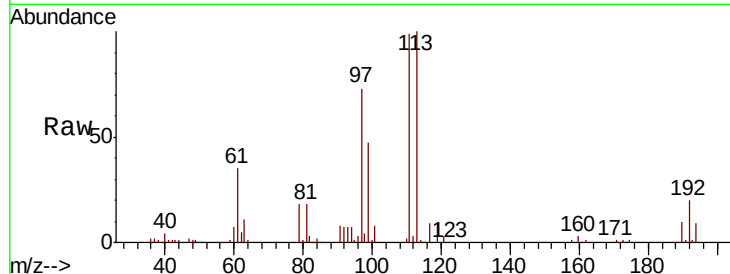
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:	113	Resp:	191309
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.3	123.5
192	20.4	17.0	25.6

Manual Integrations
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MMDadoda
5/3/2019 1:10:22 PM



#36

1,1-Dichloropropene

Concen: 45.896 ug/l

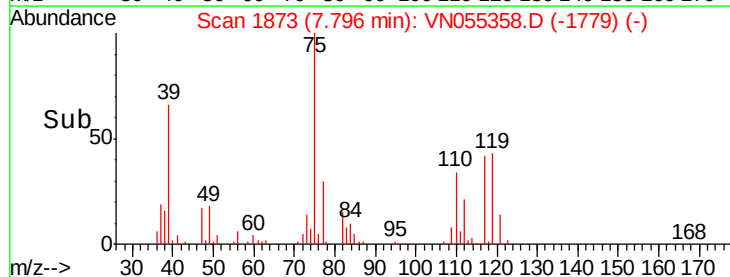
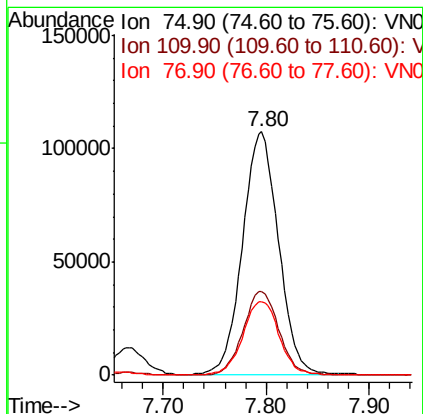
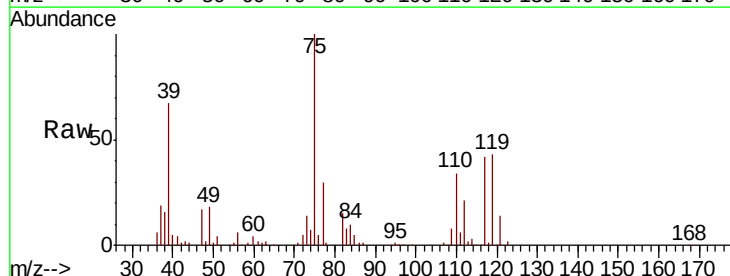
RT: 7.80 min Scan# 1873

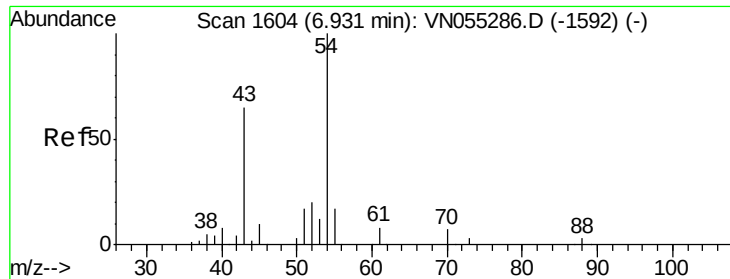
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion:	75	Resp:	259095
Ion Ratio	Lower	Upper	
75	100		
110	34.4	16.8	50.4
77	31.1	25.0	37.6





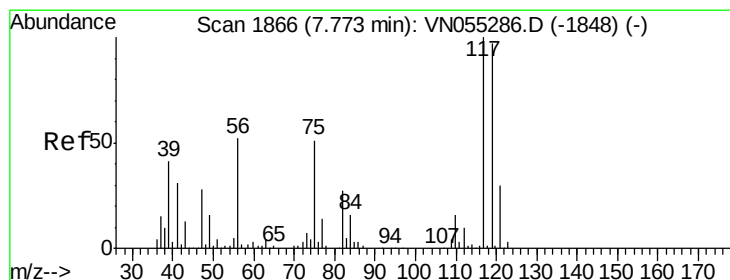
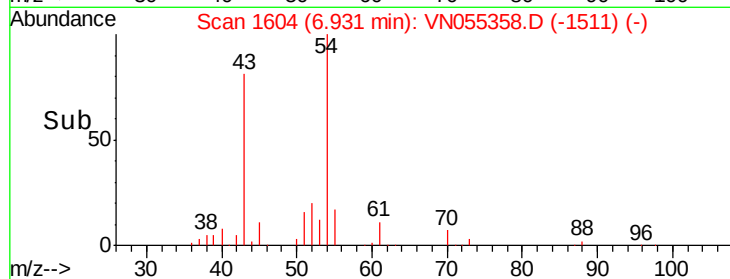
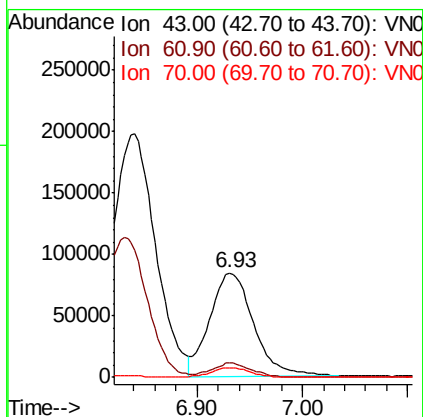
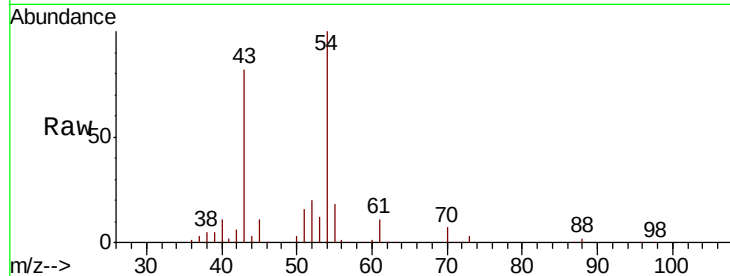
#37
Ethyl Acetate
Concen: 56.226 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.4	15.6
70	8.7	6.6	10.0

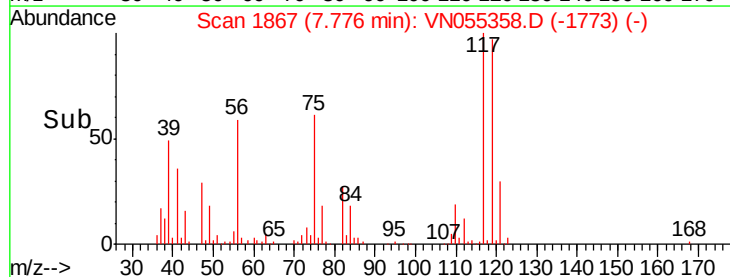
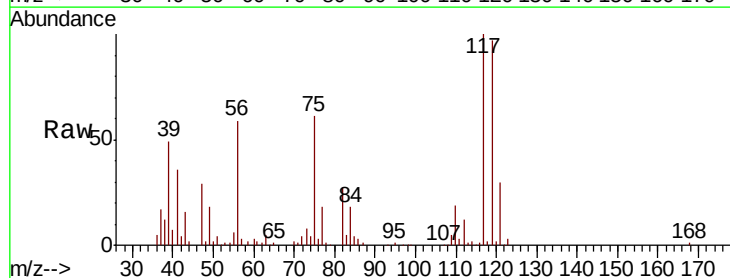
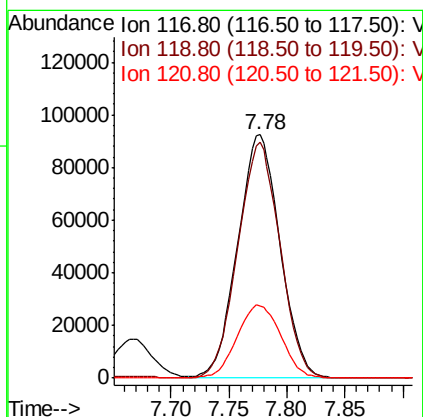
Manual Integrations
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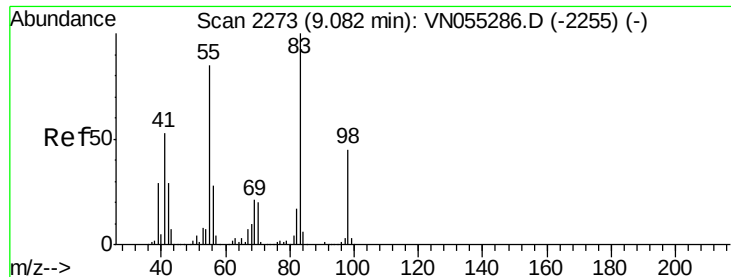
MMDadoda
5/3/2019 1:10:22 PM



#38
Carbon Tetrachloride
Concen: 42.929 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.0	115.6
121	29.9	23.8	35.8





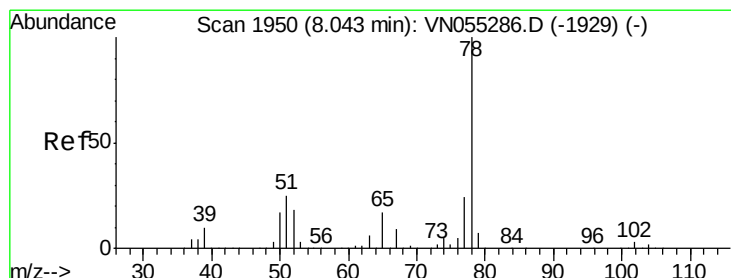
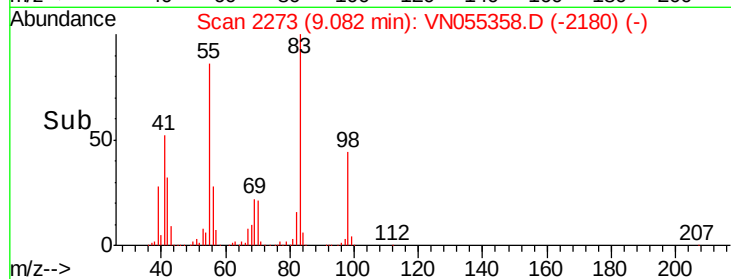
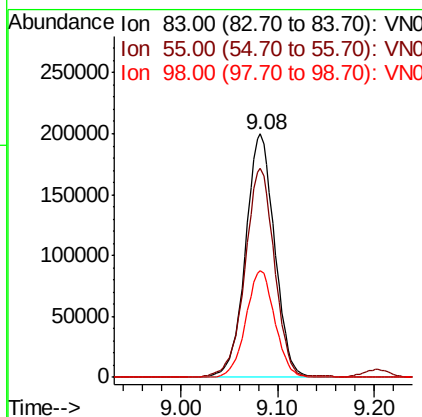
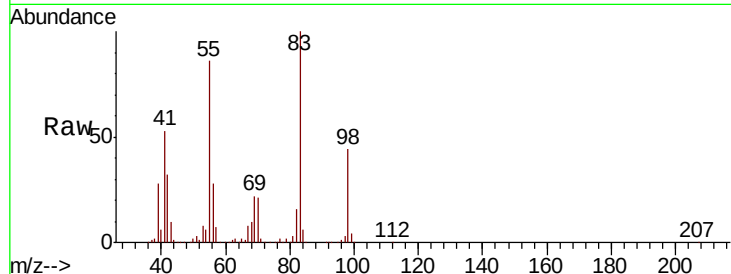
#39
Methylcyclohexane
Concen: 69.191 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.8	67.8	101.6
98	43.8	36.2	54.4

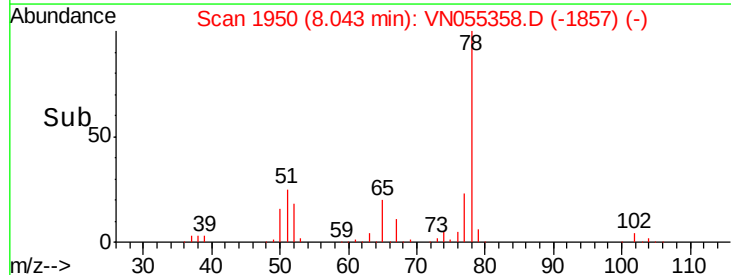
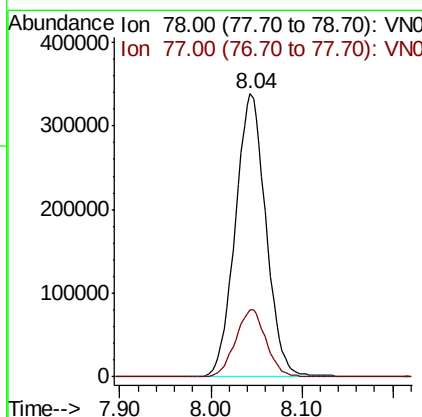
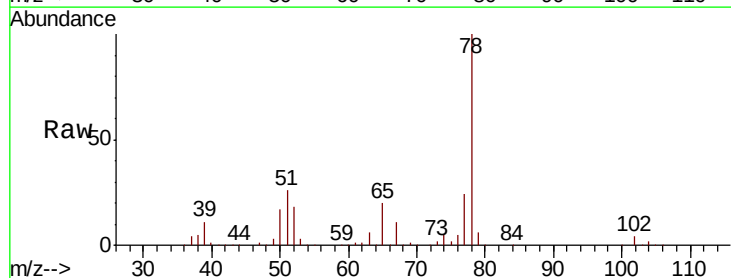
Manual Integrations
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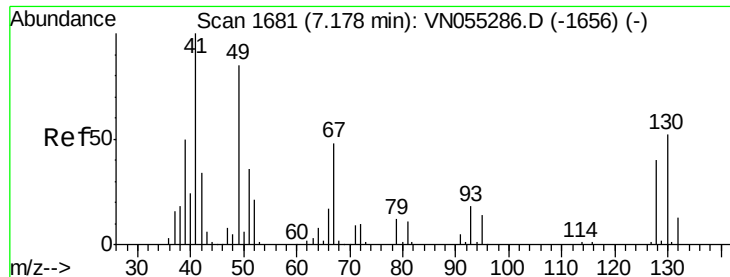
MMDadoda
5/3/2019 1:10:22 PM



#40
Benzene
Concen: 47.603 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





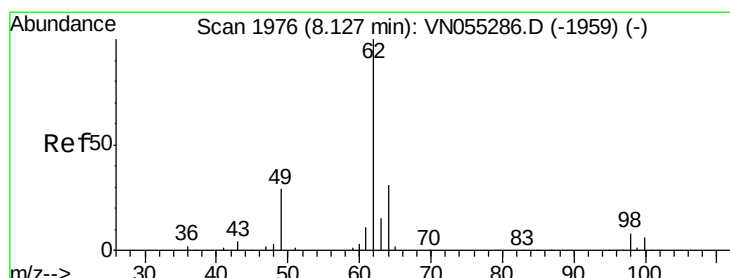
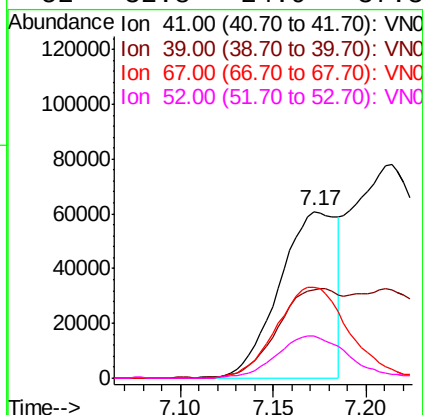
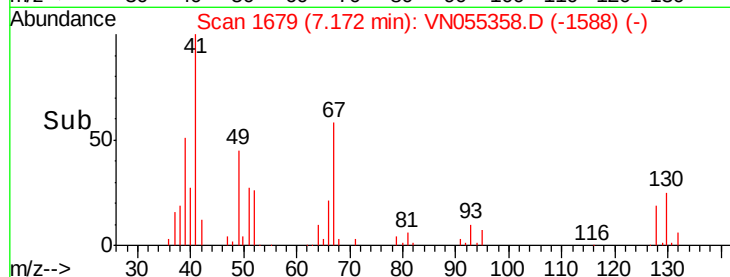
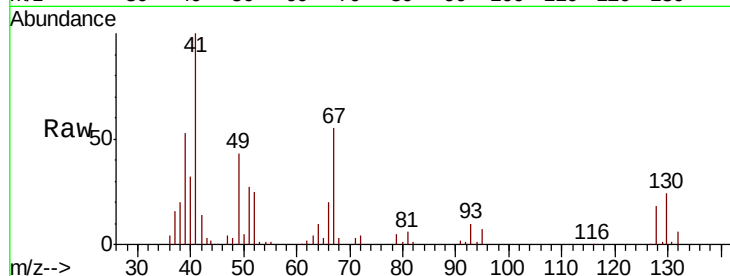
#41
Methacrylonitrile
Concen: 55.687 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.9	48.5	72.7
67	70.4	54.9	82.3
52	32.8	24.9	37.3

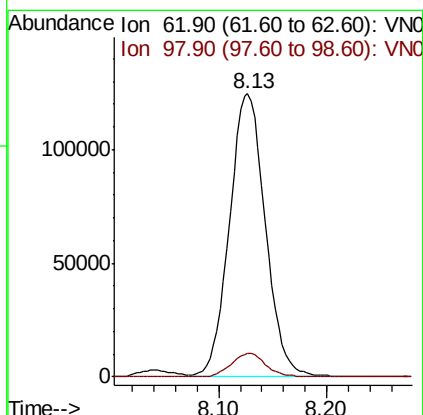
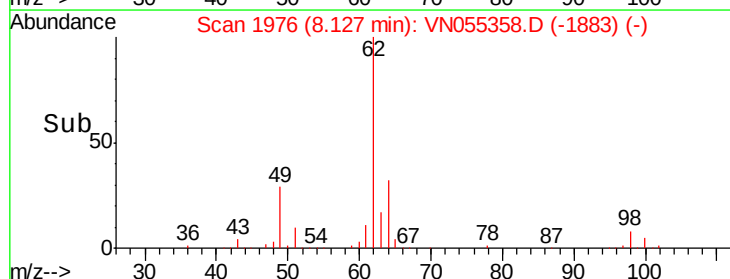
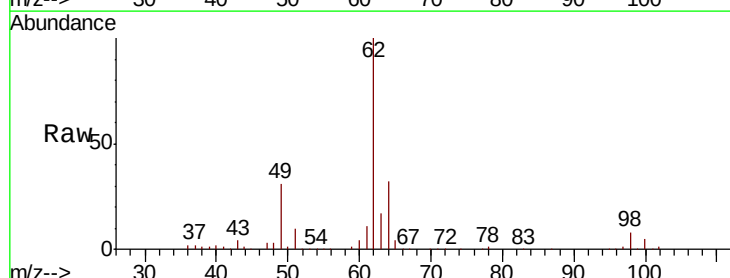
Manual Integrations
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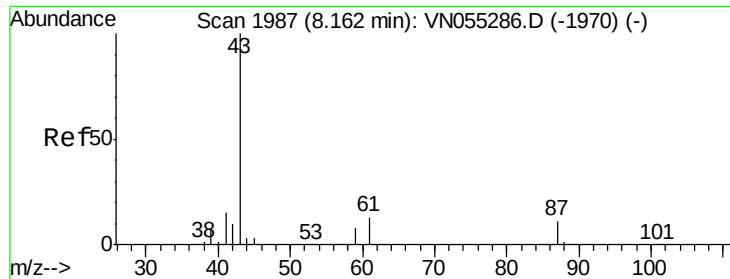
MMDadoda
5/3/2019 1:10:22 PM



#42
1,2-Dichloroethane
Concen: 48.798 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.4





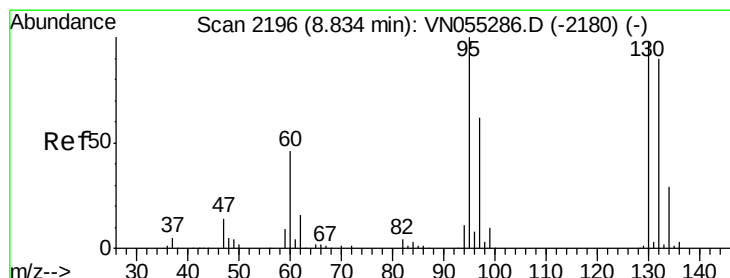
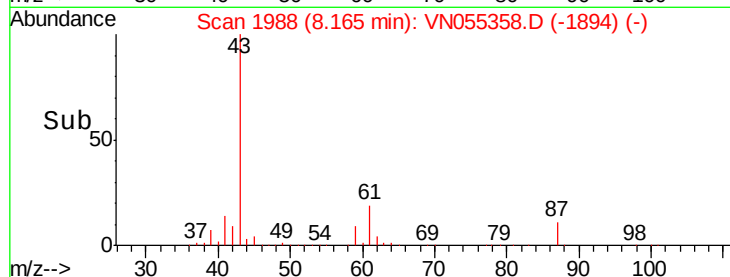
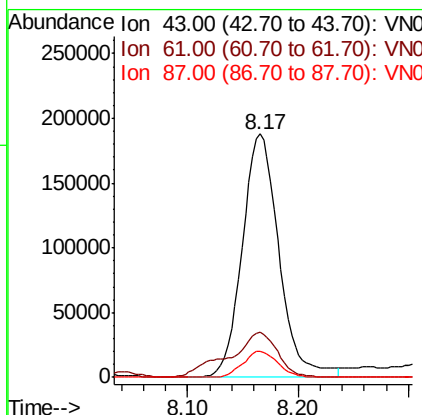
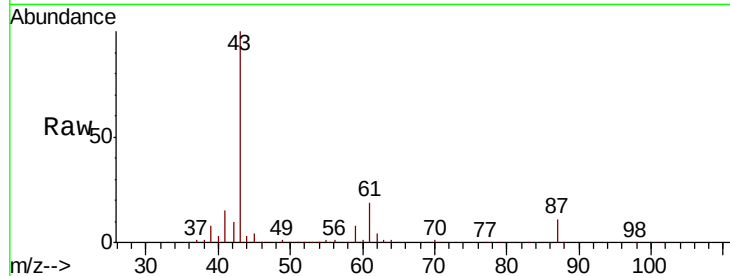
#43
Isopropyl Acetate
Concen: 61.954 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	24.3	20.8	31.2
87	10.3	8.5	12.7

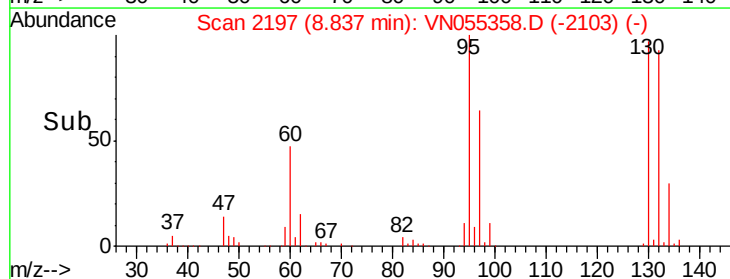
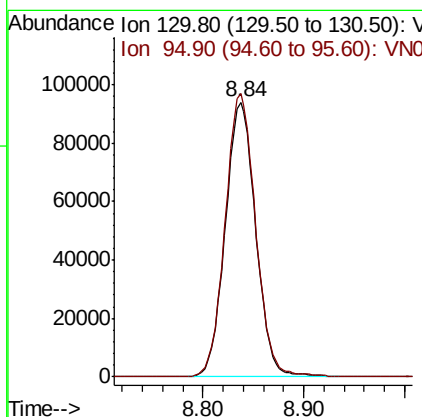
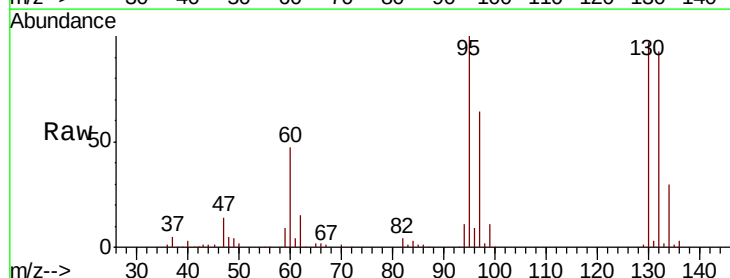
Manual Integrations
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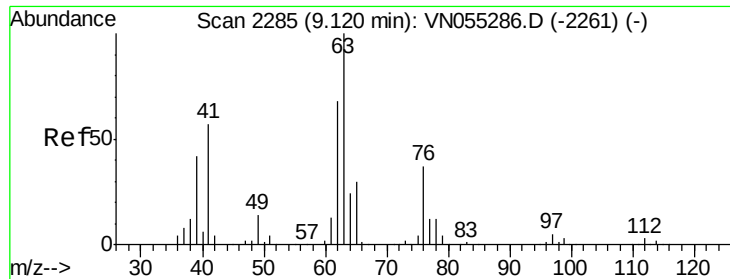
MMDadoda
5/3/2019 1:10:22 PM



#44
Trichloroethene
Concen: 46.565 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	203.4





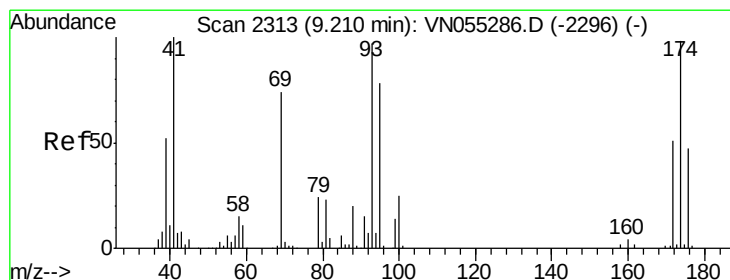
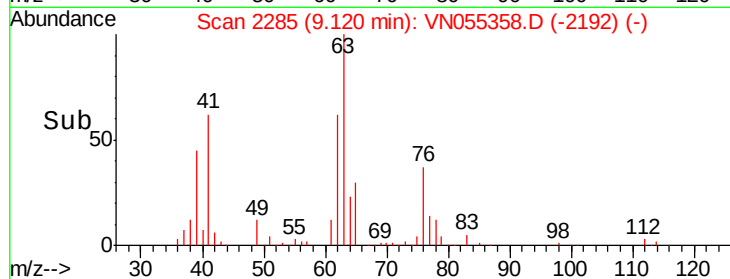
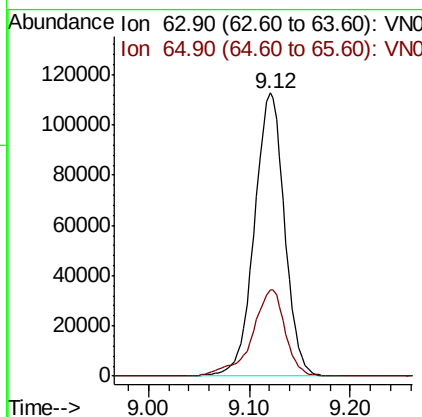
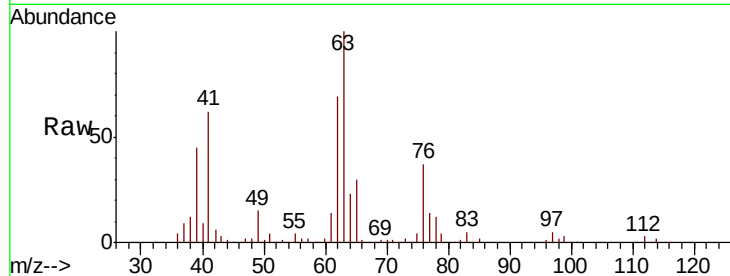
#45
 1,2-Dichloropropane
 Concen: 48.497 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tgt Ion: 63 Resp: 232774
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.9 35.9

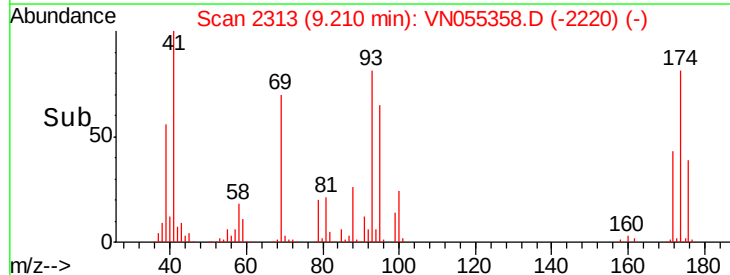
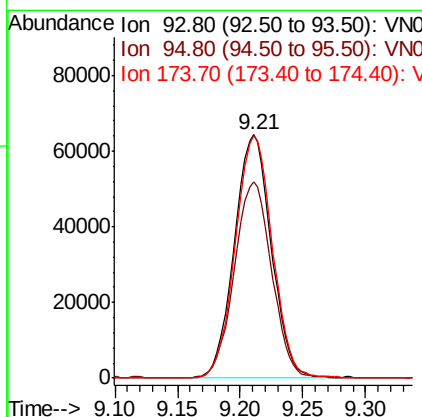
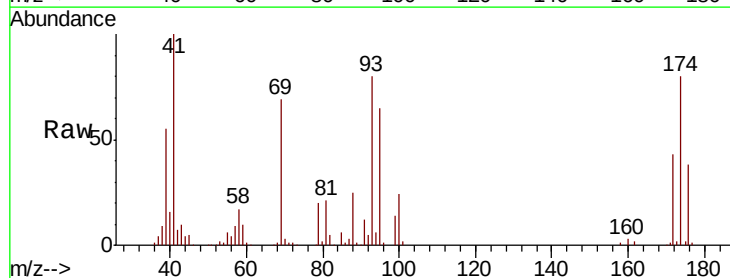
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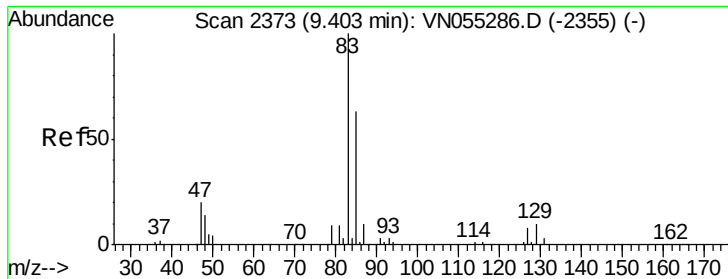
MMDadoda
 5/3/2019 1:10:22 PM



#46
 Dibromomethane
 Concen: 50.329 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion: 93 Resp: 132043
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.7 98.5
 174 99.9 81.5 122.3





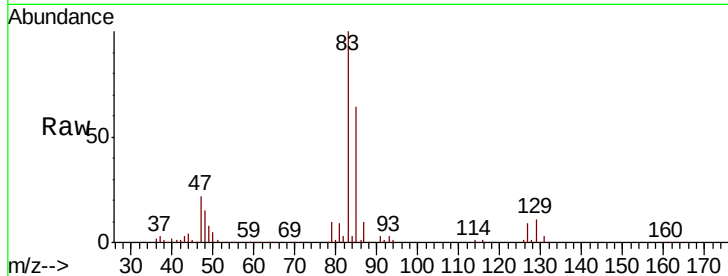
#47
Bromodichloromethane
Concen: 49.054 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

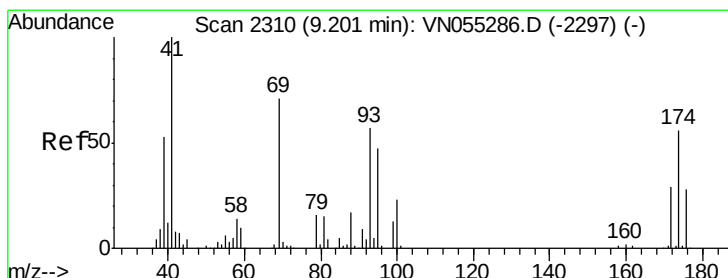
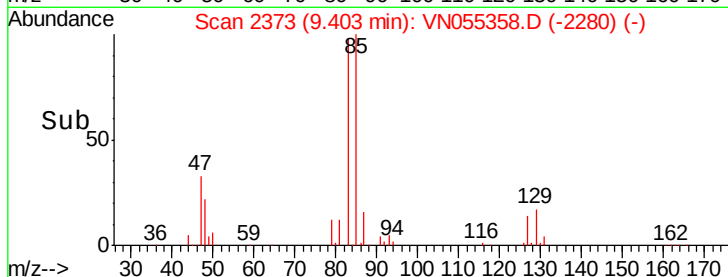
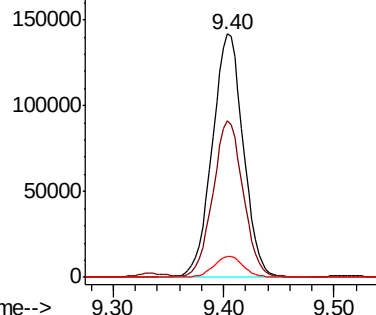
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	276091		
85	64.0	50.1	75.1	
127	8.8	6.7	10.1	

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5/3/2019 1:10:22 PM

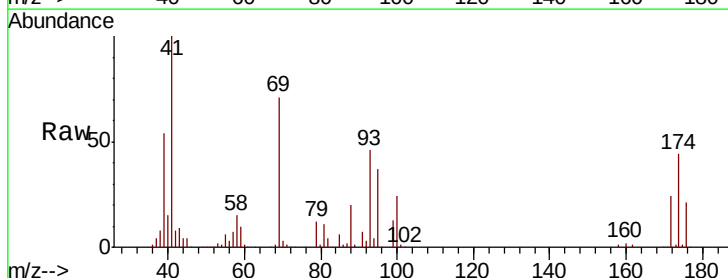


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

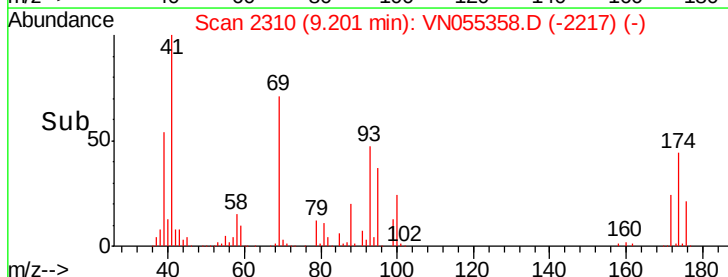
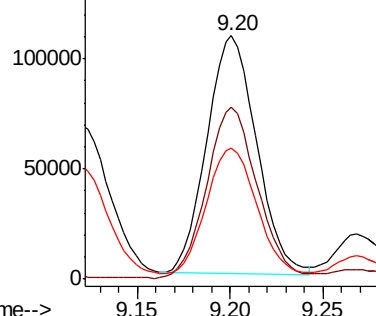


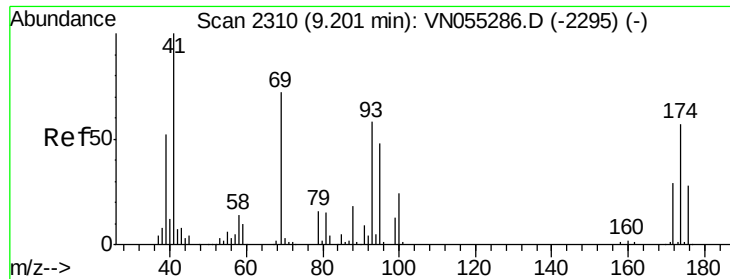
#48
Methyl methacrylate
Concen: 58.834 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	201103		
69	73.4	58.6	87.8	
39	53.8	43.8	65.6	



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





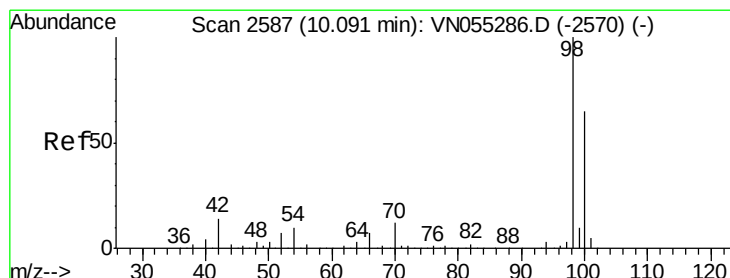
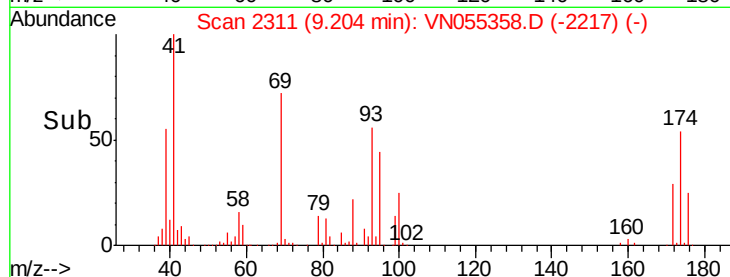
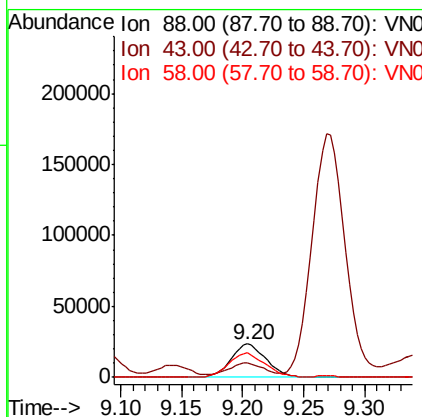
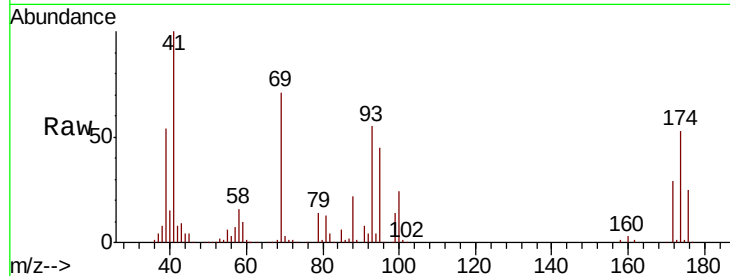
#49
1,4-Dioxane
Concen: 1328.413 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	46939		
43	38.2	33.3	49.9	
58	73.2	62.7	94.1	

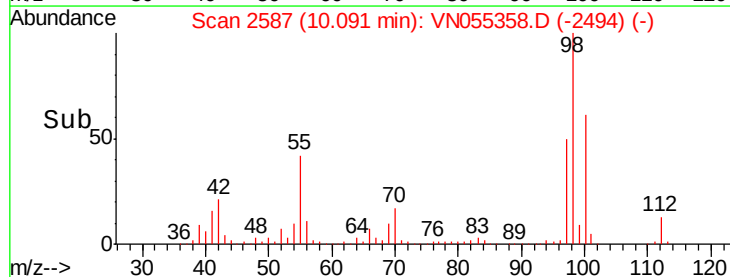
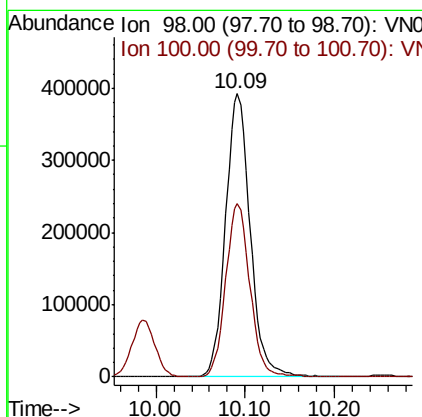
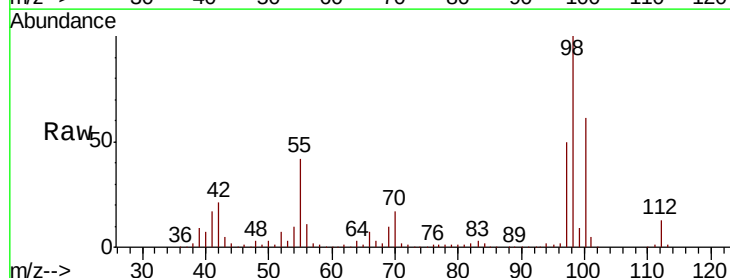
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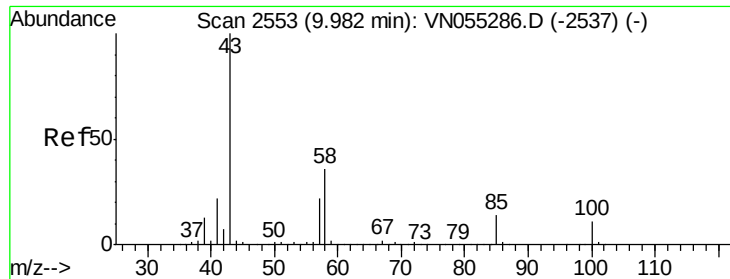
MMDadoda
5/3/2019 1:10:22 PM



#50
Toluene-d8
Concen: 53.647 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	749370		
100	60.6	51.7	77.5	





#51

4-Methyl-2-Pentanone

Concen: 315.858 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion: 43 Resp: 1236489

Ion Ratio Lower Upper

43 100

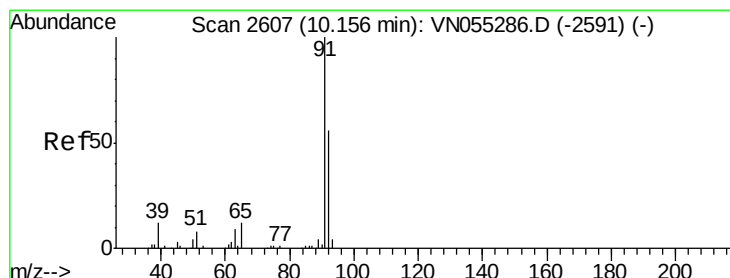
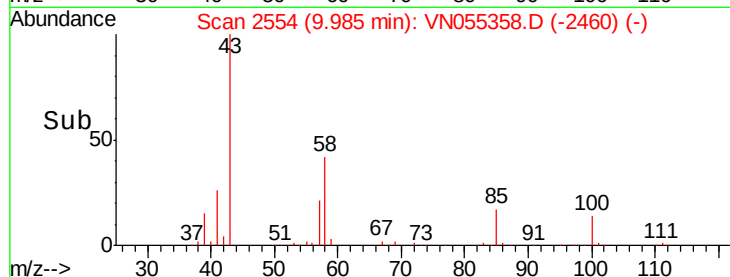
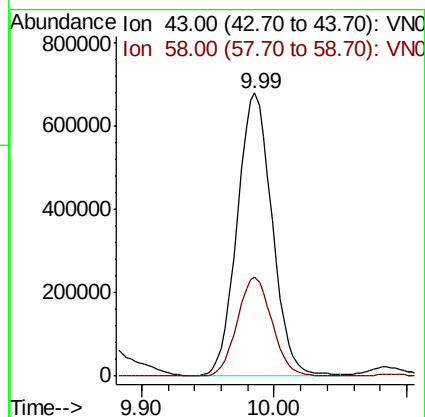
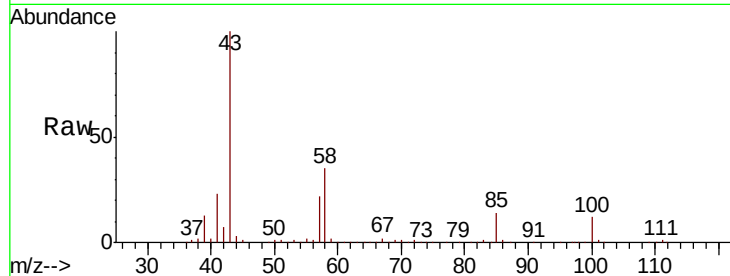
58 35.1 28.5 42.7

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 49.879 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055358.D

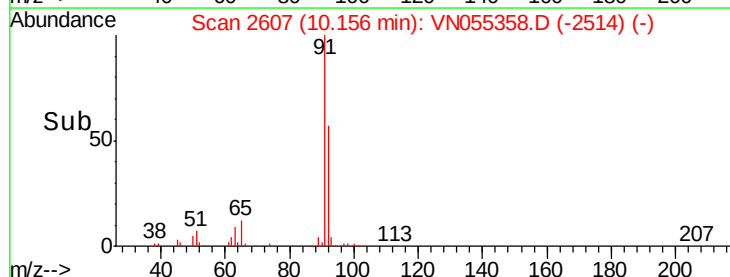
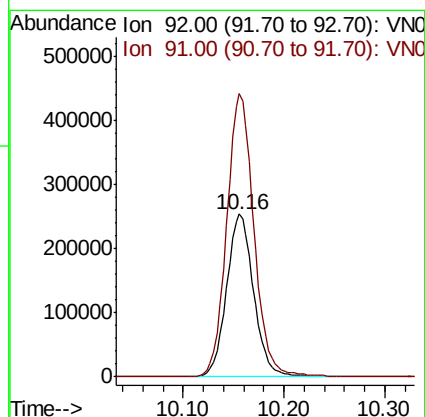
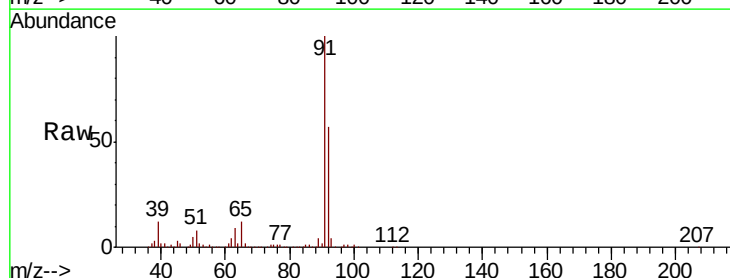
Acq: 2 May 2019 18:50

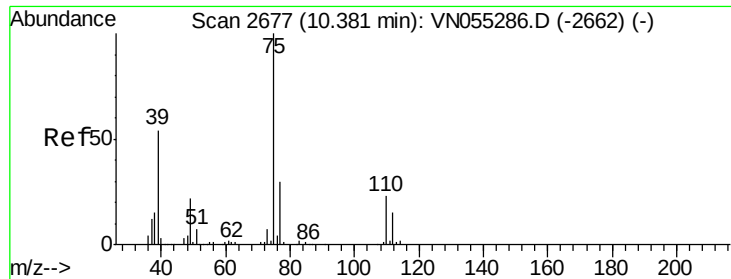
Tgt Ion: 92 Resp: 476278

Ion Ratio Lower Upper

92 100

91 174.6 140.1 210.1





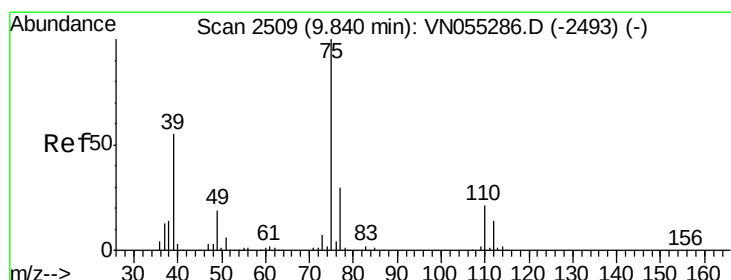
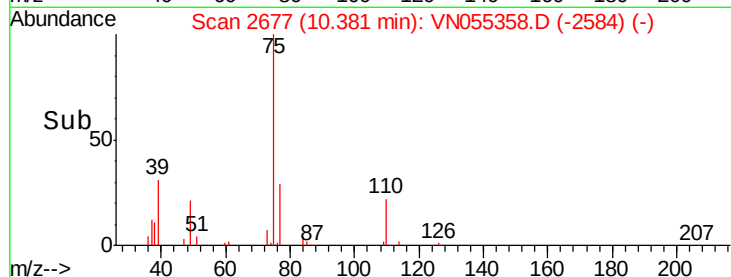
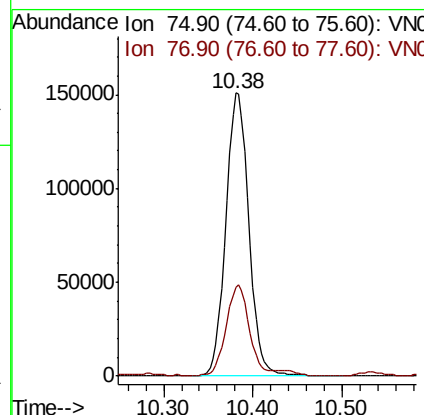
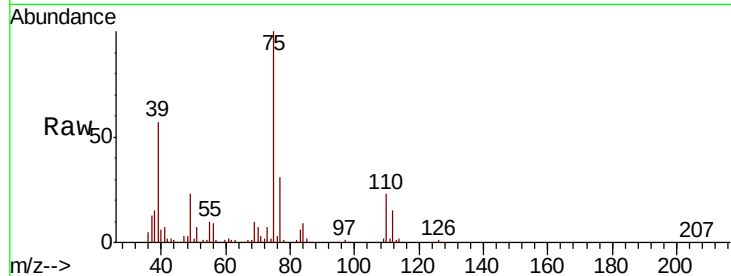
#53
t-1,3-Dichloropropene
Concen: 55.190 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion: 75 Resp: 269657
Ion Ratio Lower Upper
75 100
77 31.2 24.4 36.6

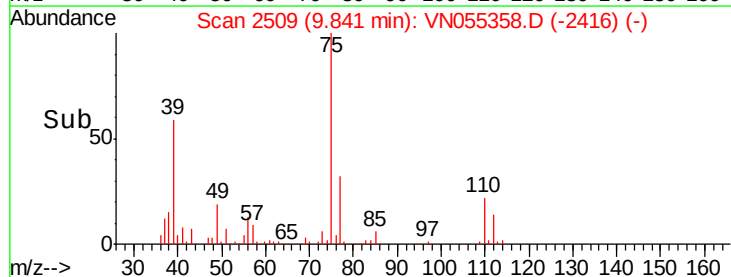
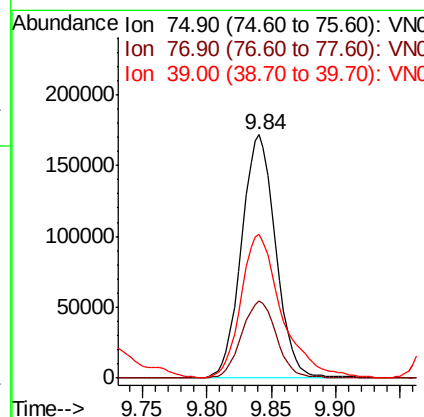
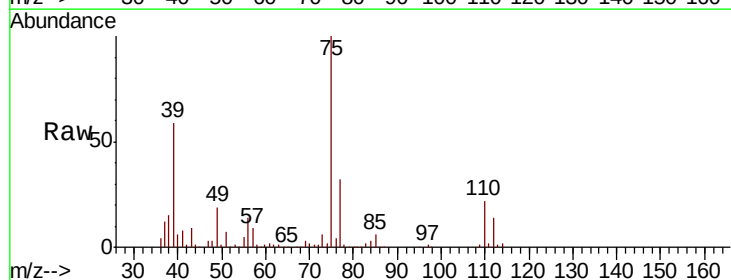
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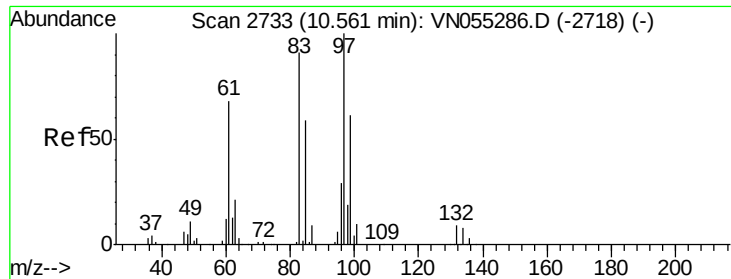
MMDadoda
5/3/2019 1:10:22 PM



#54
cis-1,3-Dichloropropene
Concen: 52.051 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 75 Resp: 317087
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.2
39 58.5 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 45.269 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

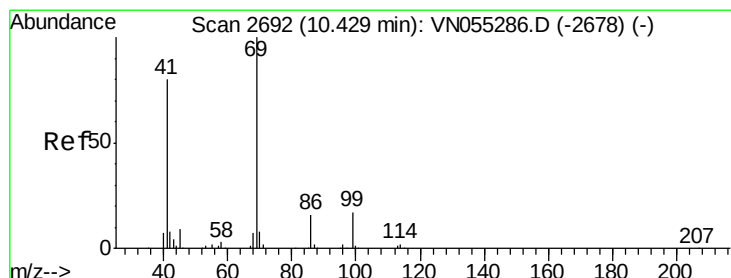
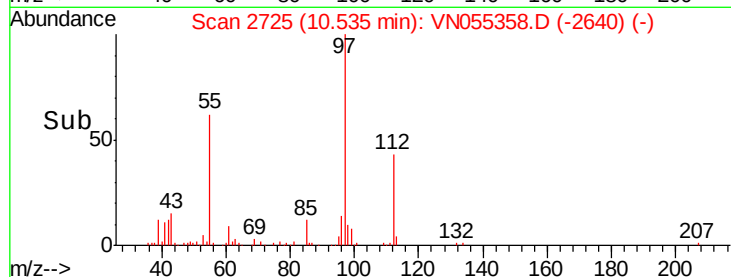
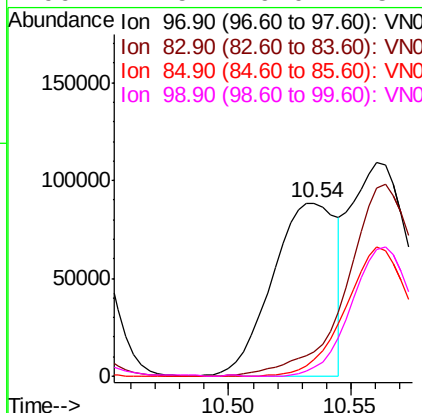
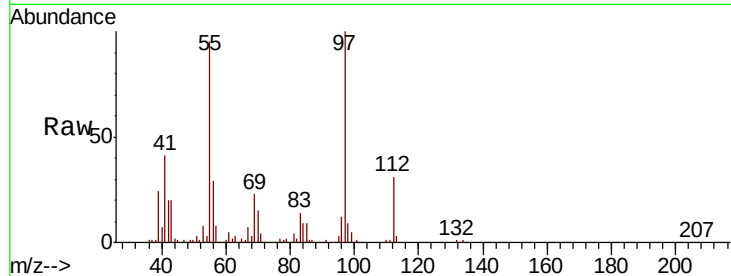
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:	97	Resp:	160515
Ion	Ratio	Lower	Upper
97	100		
83	14.4	72.8	109.2#
85	9.3	47.0	70.6#
99	4.5	49.0	73.4#

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5/3/2019 1:10:22 PM



#56

Ethyl methacrylate

Concen: 94.727 ug/l

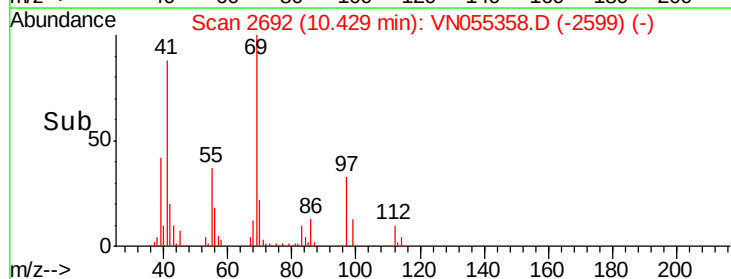
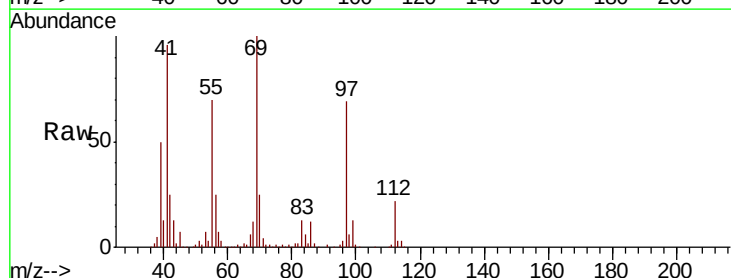
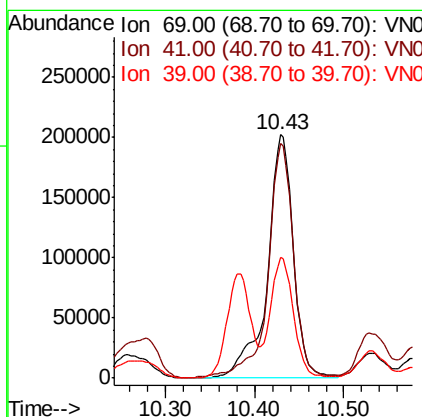
RT: 10.43 min Scan# 2692

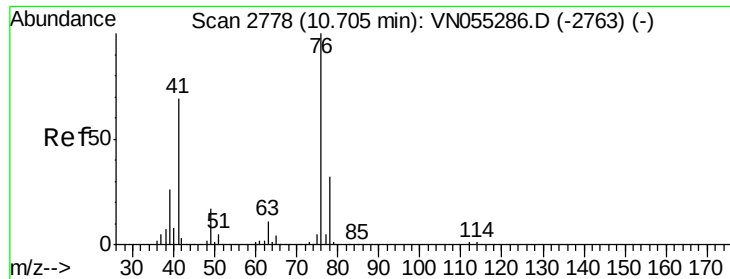
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion:	69	Resp:	413415
Ion	Ratio	Lower	Upper
69	100		
41	93.5	62.7	94.1
39	42.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.208 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion: 76 Resp: 324748

Ion Ratio Lower Upper

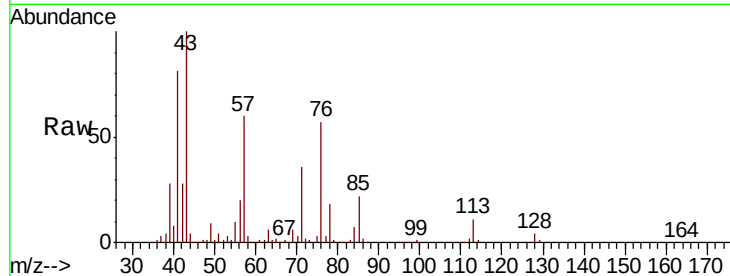
76 100

78 32.0 25.6 38.4

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

200000

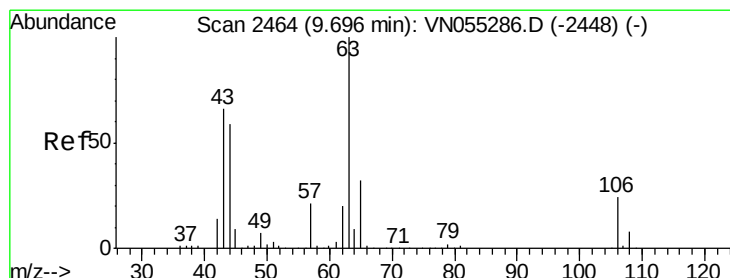
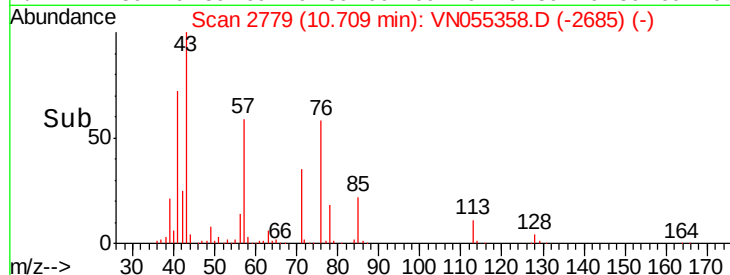
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 318.874 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055358.D

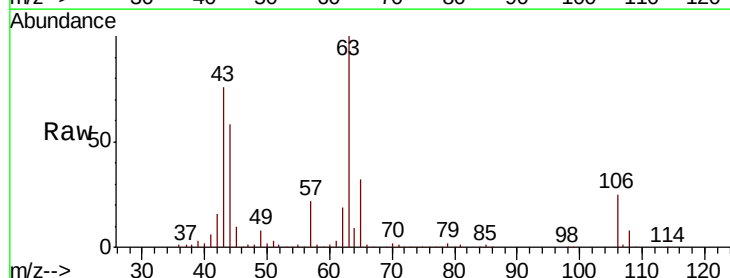
Acq: 2 May 2019 18:50

Tgt Ion: 63 Resp: 436770

Ion Ratio Lower Upper

63 100

106 23.9 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

250000

200000

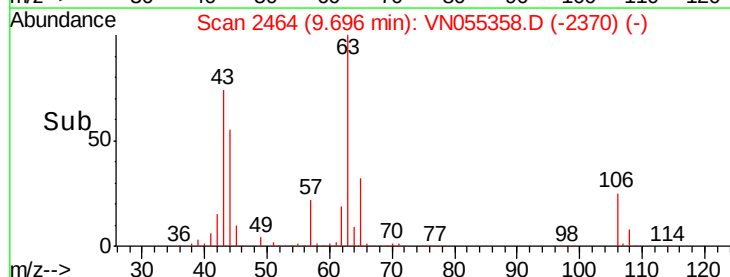
150000

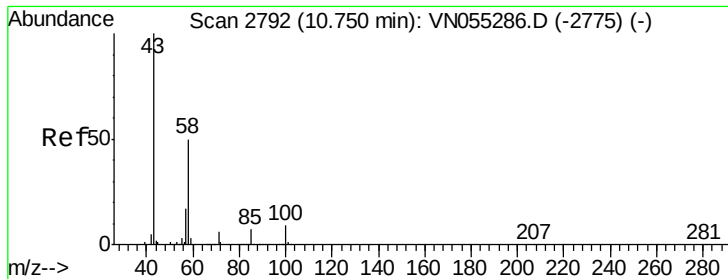
100000

50000

0

Time-->





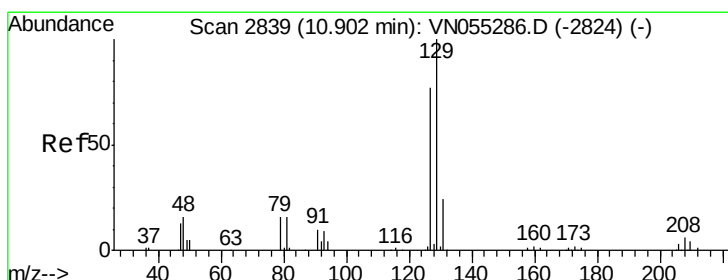
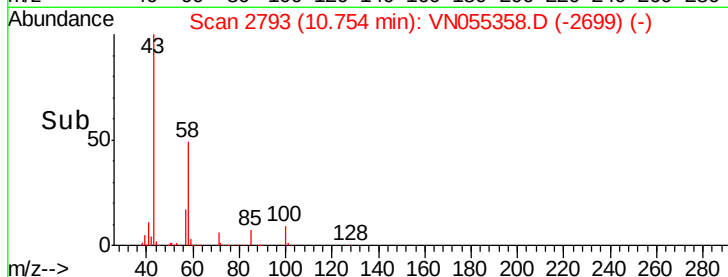
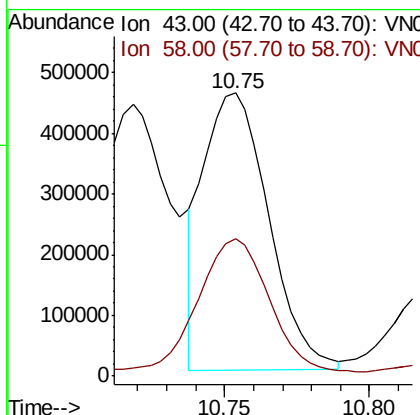
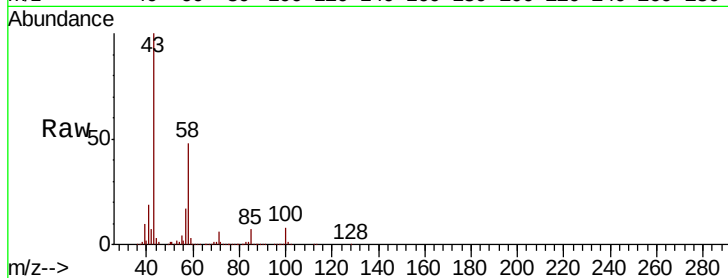
#59
2-Hexanone
Concen: 290.637 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion: 43 Resp: 711878
Ion Ratio Lower Upper
43 100
58 57.9 24.9 74.6

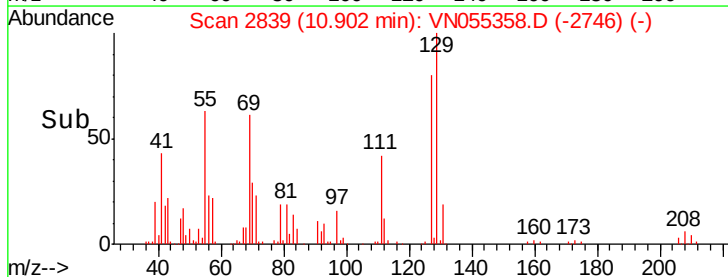
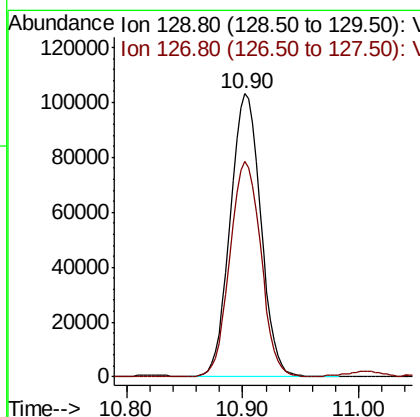
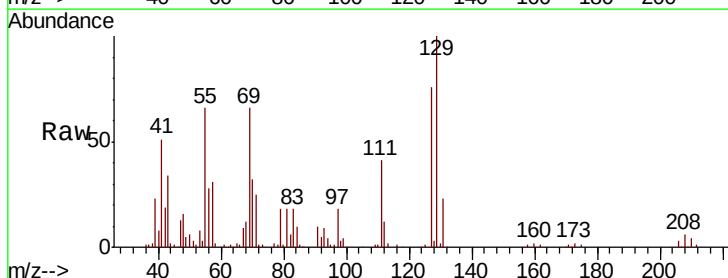
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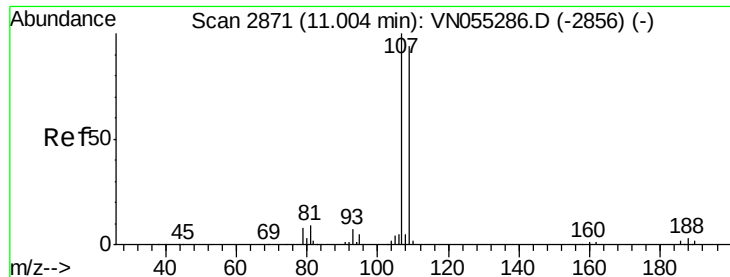
MMDadoda
5/3/2019 1:10:22 PM



#60
Dibromochloromethane
Concen: 51.804 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 129 Resp: 187734
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 53.769 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion: 107 Resp: 176217

Ion Ratio Lower Upper

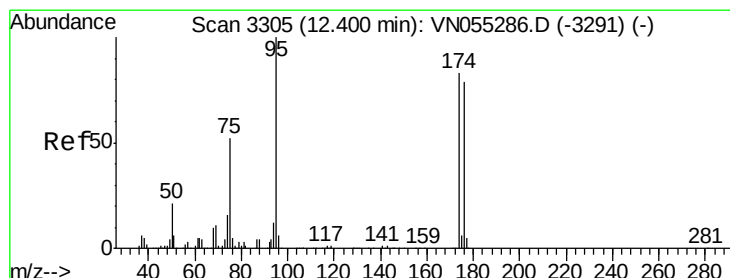
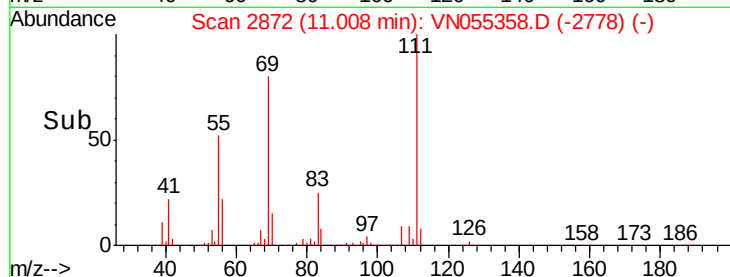
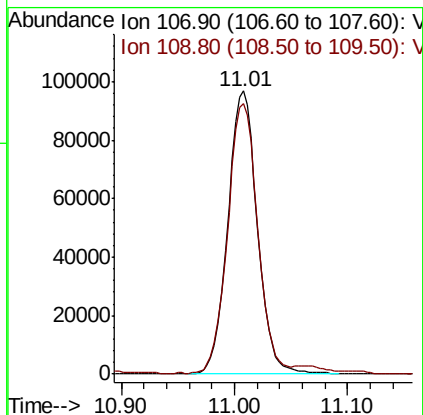
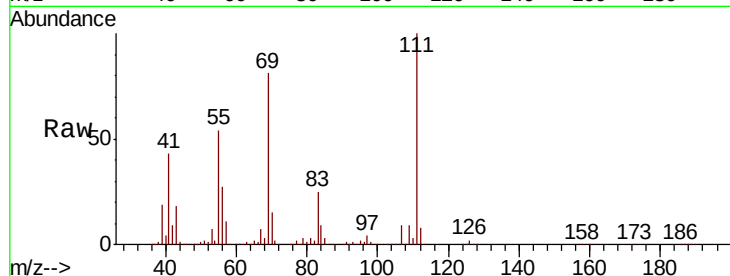
107 100

109 96.9 75.0 112.6

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 106.418 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

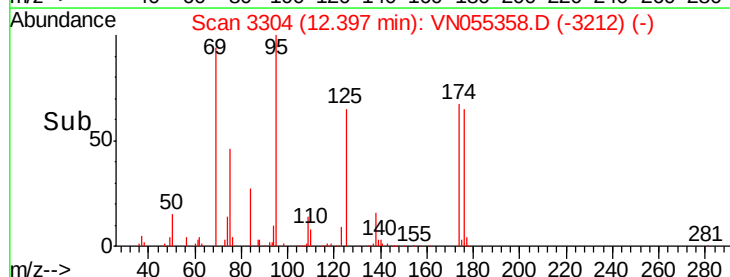
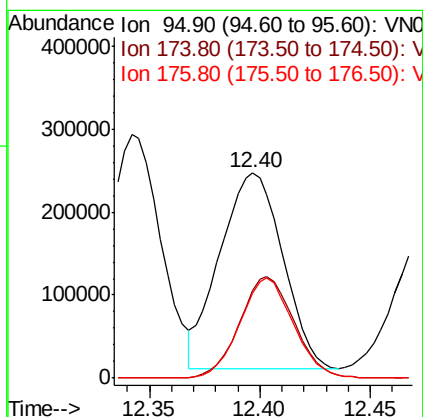
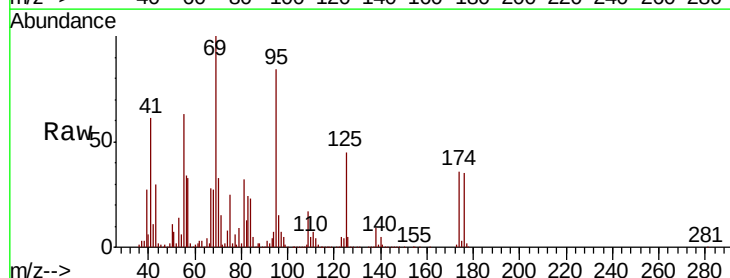
Tgt Ion: 95 Resp: 464581

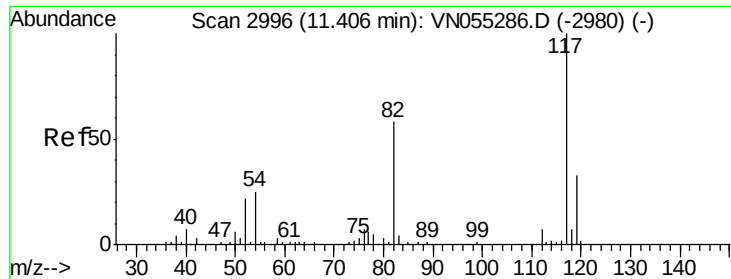
Ion Ratio Lower Upper

95 100

174 45.2 0.0 166.6

176 43.7 0.0 157.8





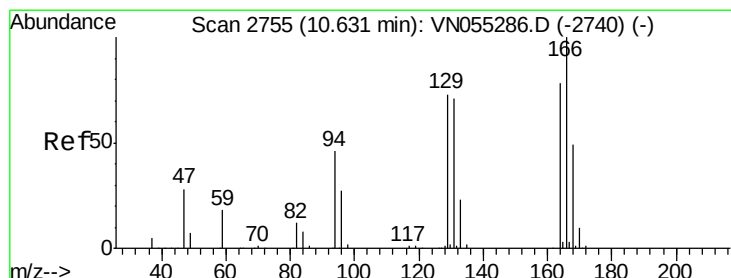
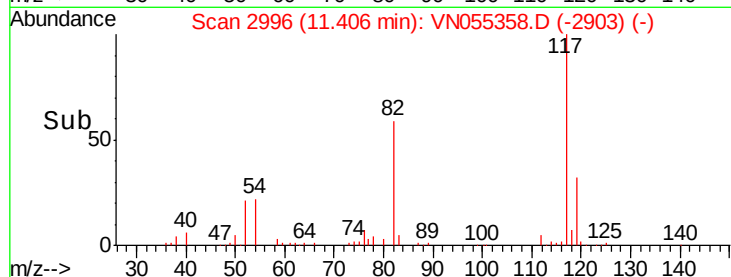
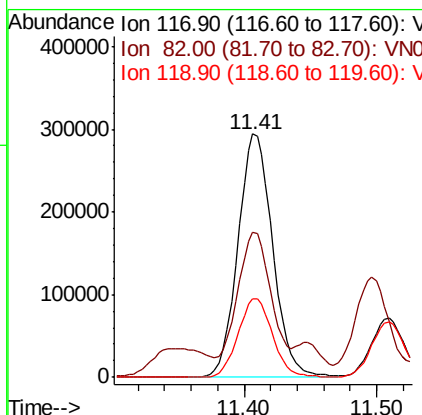
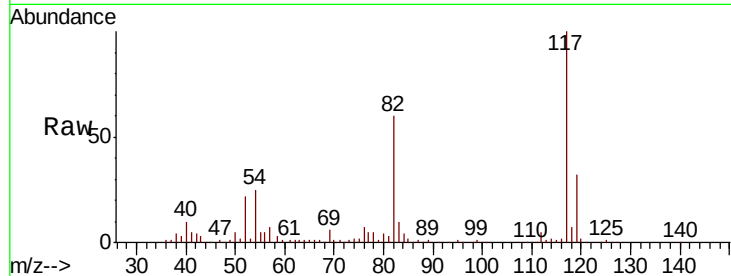
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.8	46.2	69.4
119	32.3	26.6	40.0

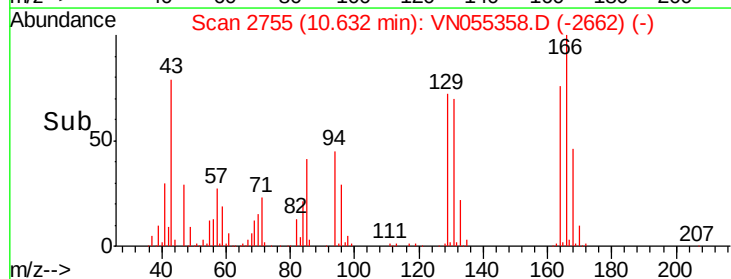
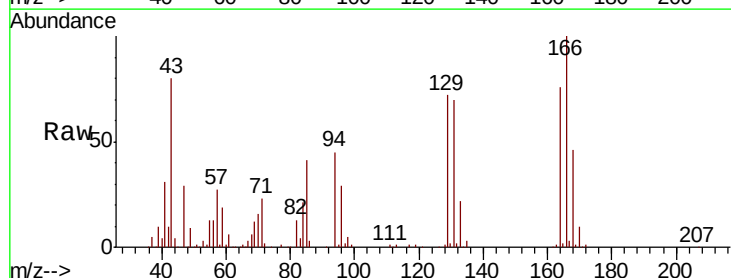
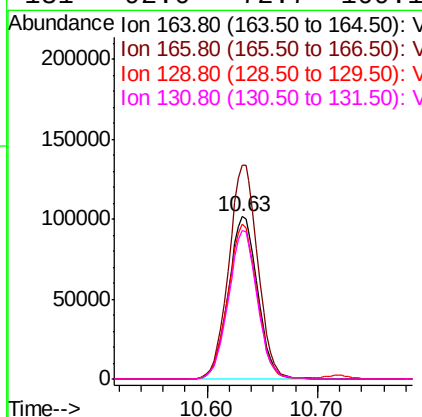
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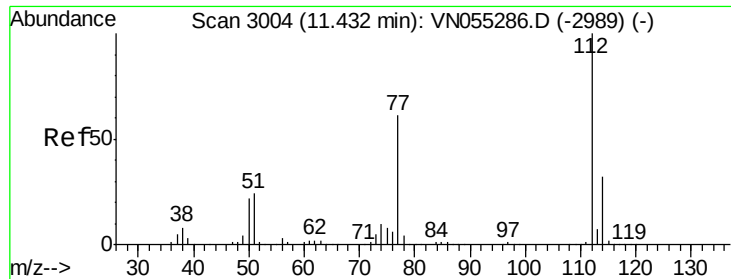
MMDadoda
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#64
Tetrachloroethene
Concen: 42.476 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	131.8	102.3	153.5
129	95.2	75.0	112.6
131	92.0	72.7	109.1





#65

Chlorobenzene

Concen: 47.868 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:112 Resp: 500982

Ion Ratio Lower Upper

112 100

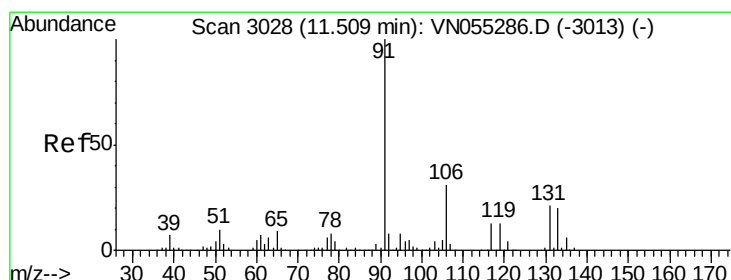
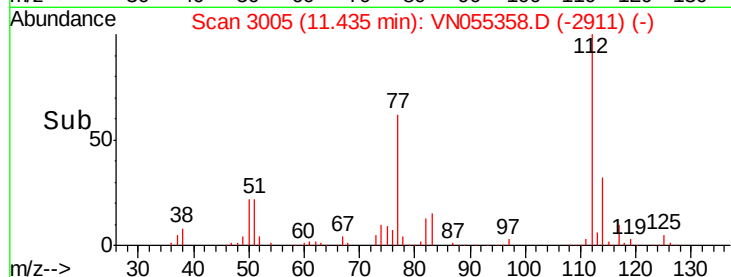
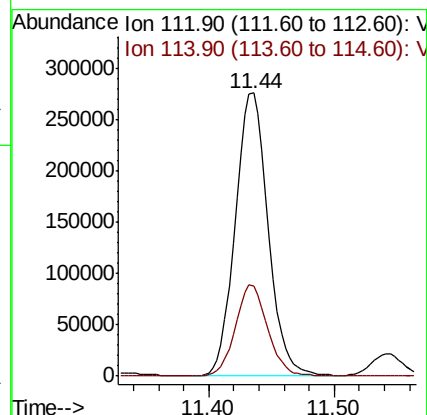
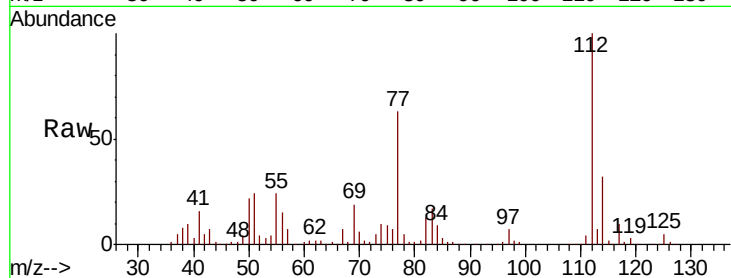
114 31.7 25.3 37.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 44.069 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

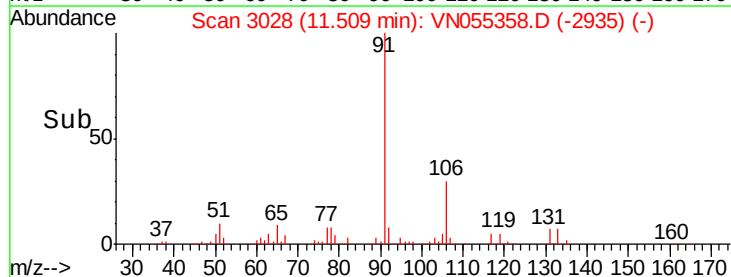
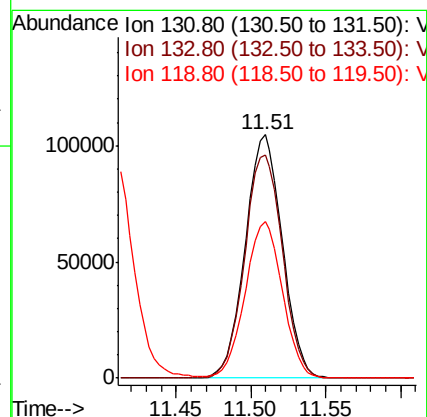
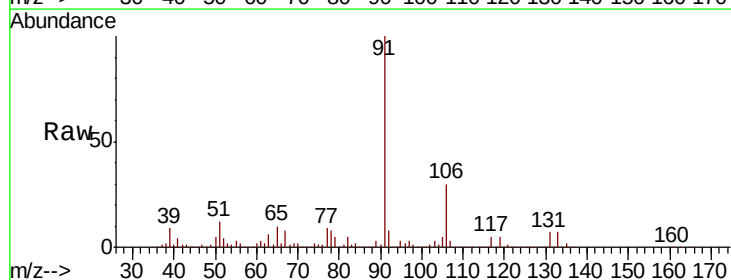
Tgt Ion:131 Resp: 180600

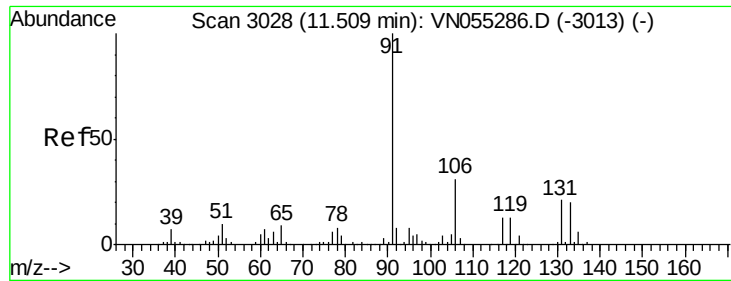
Ion Ratio Lower Upper

131 100

133 93.6 47.5 142.6

119 64.7 32.7 98.1





#67

Ethyl Benzene

Concen: 133.426 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion: 91 Resp: 2521669

Ion Ratio Lower Upper

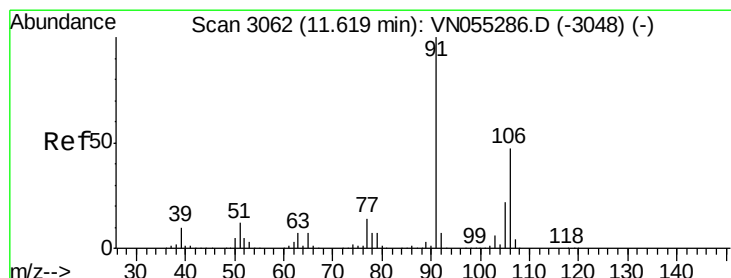
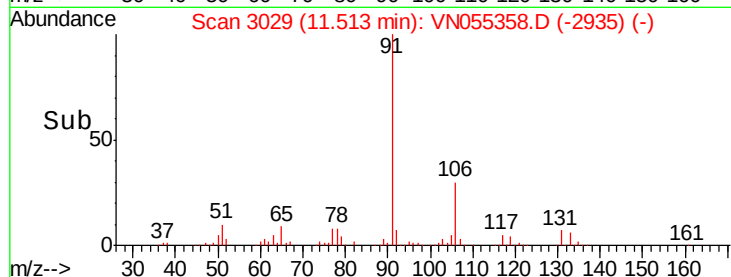
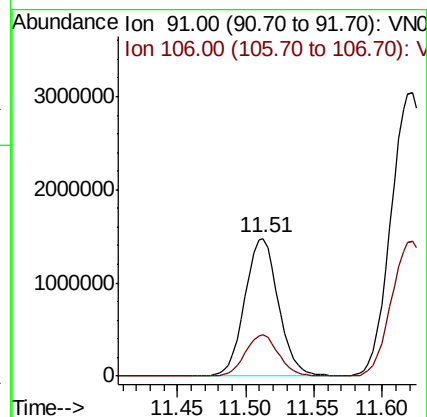
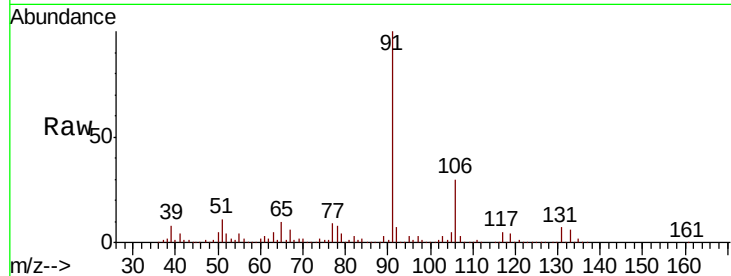
91 100

106 30.1 24.6 36.8

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#68

m/p-Xylenes

Concen: 425.300 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN055358.D

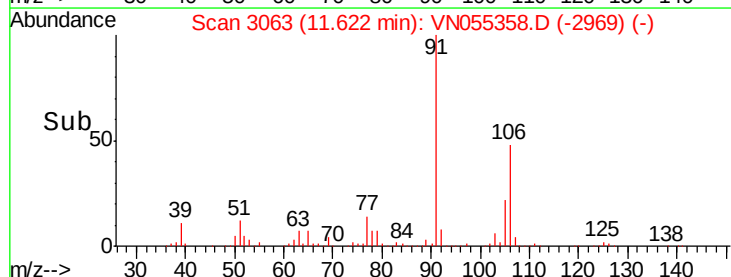
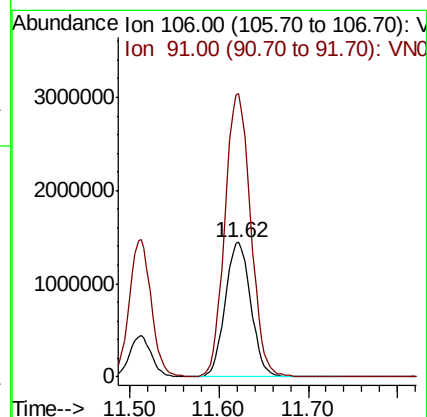
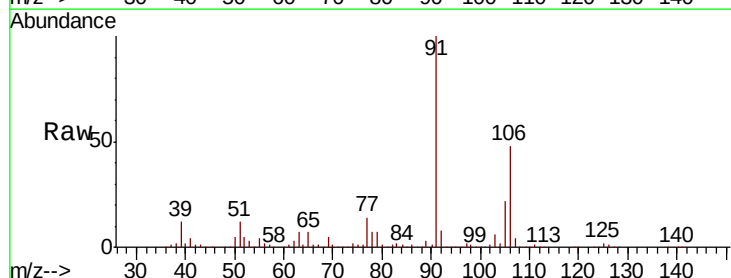
Acq: 2 May 2019 18:50

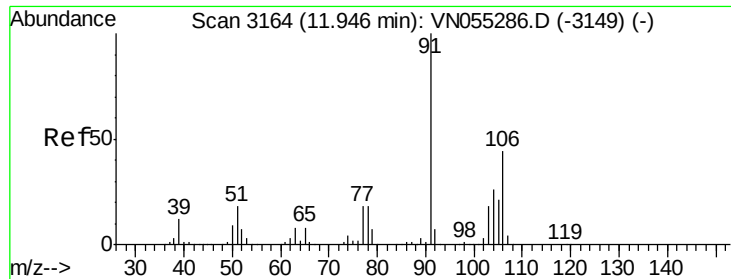
Tgt Ion: 106 Resp: 2869073

Ion Ratio Lower Upper

106 100

91 212.8 169.5 254.3





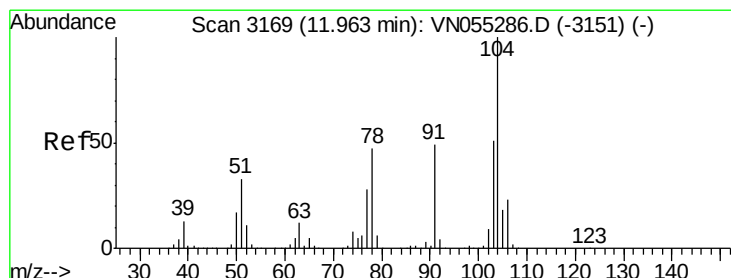
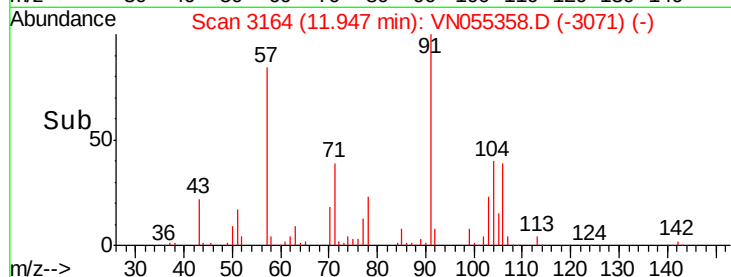
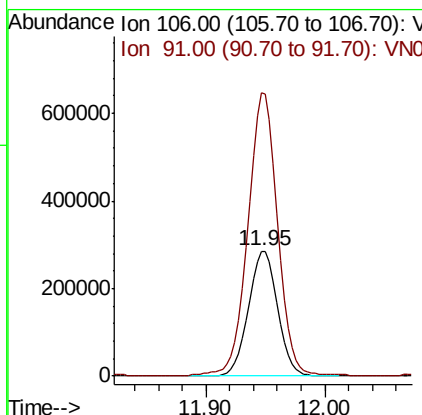
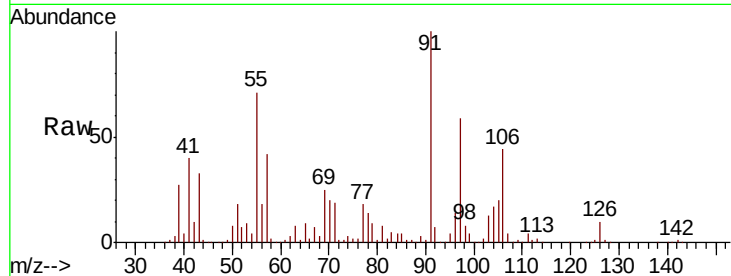
#69
o-Xylene
Concen: 72.198 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tgt Ion:106 Resp: 482743
Ion Ratio Lower Upper
106 100
91 232.2 111.5 334.5

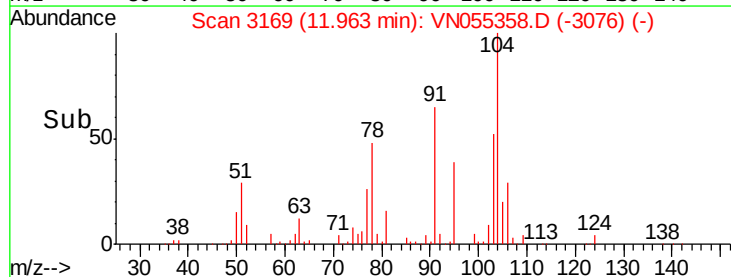
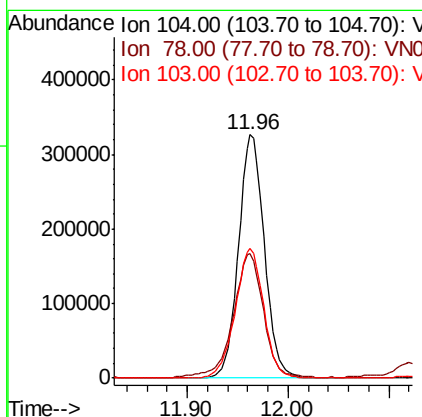
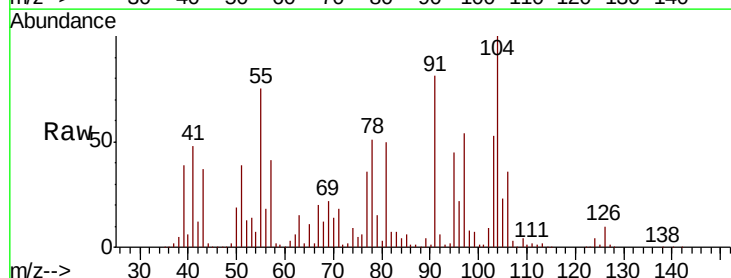
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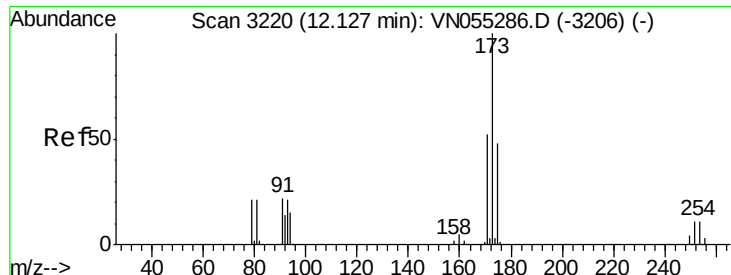
MMDadoda
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#70
Styrene
Concen: 56.217 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion:104 Resp: 577145
Ion Ratio Lower Upper
104 100
78 60.4 42.2 63.2
103 58.5 44.6 67.0





#71

Bromoform

Concen: 51.597 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

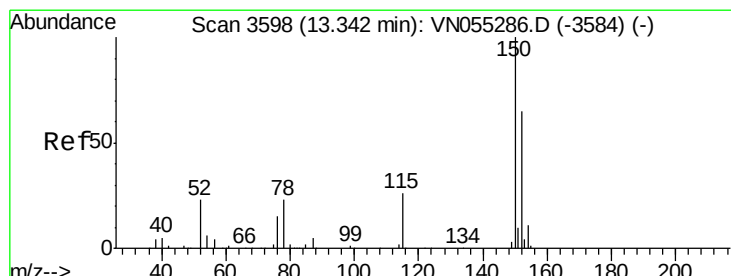
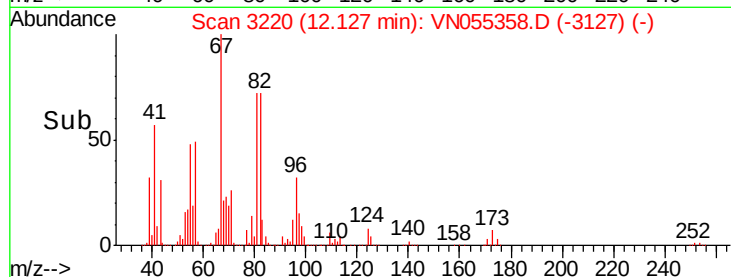
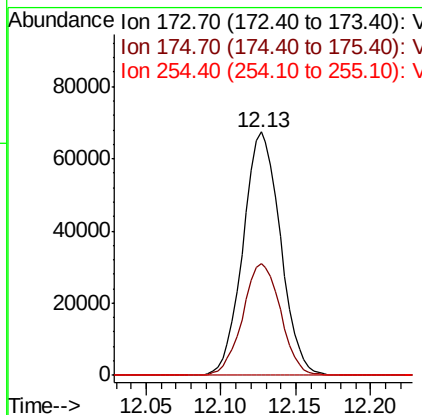
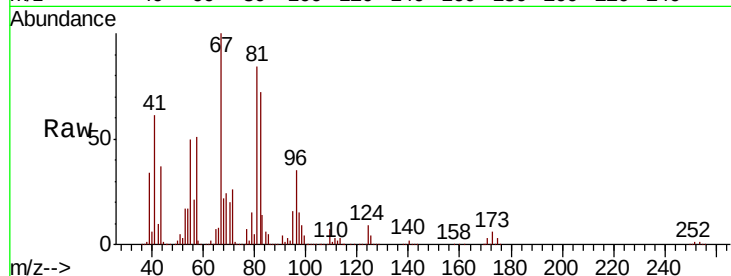
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.6	23.6	71.0
254	0.1	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

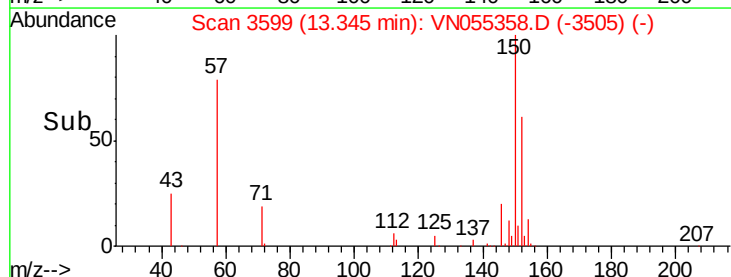
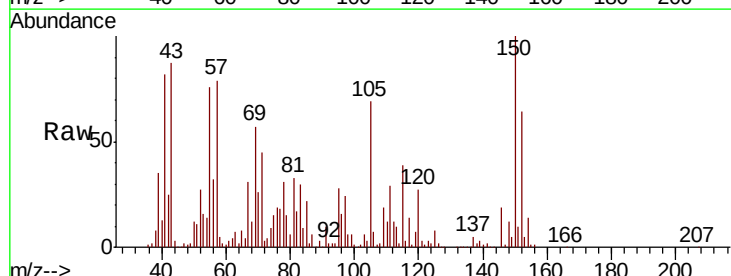
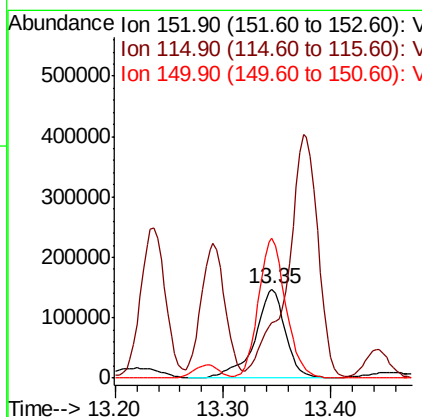
RT: 13.35 min Scan# 3599

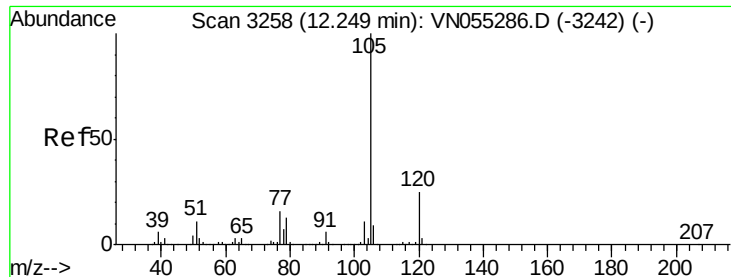
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.0
150	142.3	0.0	345.6





#73

Isopropylbenzene

Concen: 166.894 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:105 Resp: 3617508

Ion Ratio Lower Upper

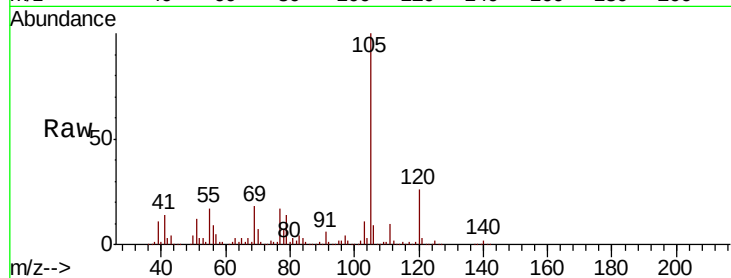
105 100

120 25.7 12.9 38.7

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Abundance Ion 105.00 (104.70 to 105.70): V

2500000 Ion 120.00 (119.70 to 120.70): V

2000000

1500000

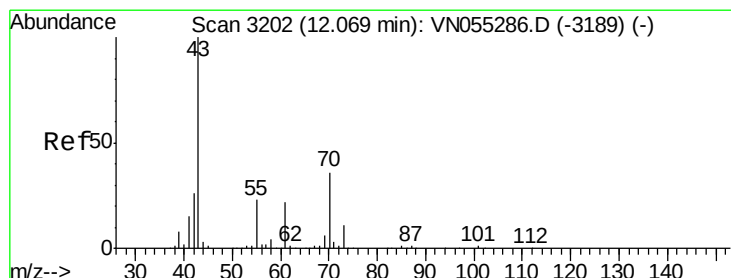
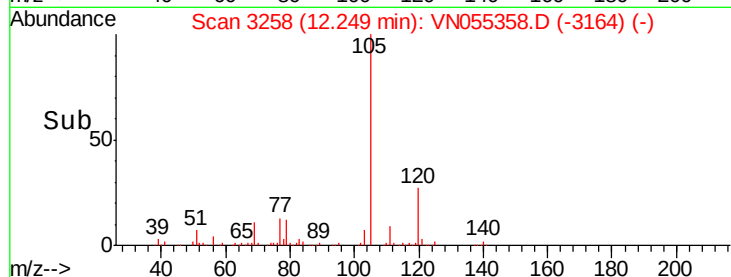
1000000

500000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 227.961 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion: 43 Resp: 1667558

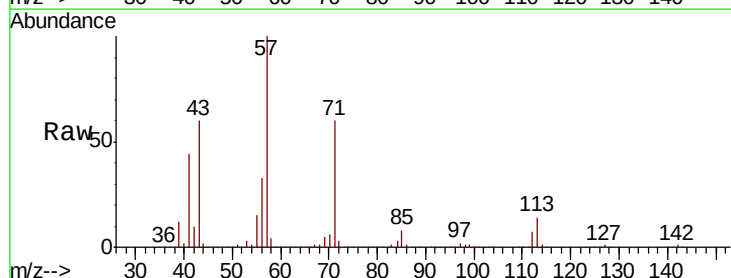
Ion Ratio Lower Upper

43 100

70 2.6 27.9 41.9#

55 0.0 18.2 27.2#

61 0.0 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

1500000 Ion 70.00 (69.70 to 70.70): VN0

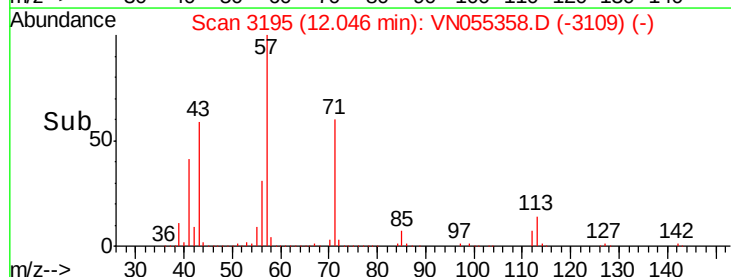
1000000 Ion 55.00 (54.70 to 55.70): VN0

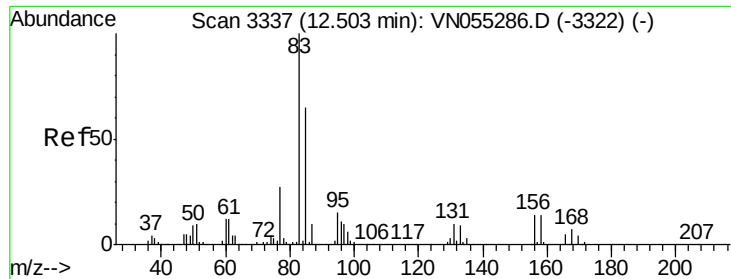
500000 Ion 61.00 (60.70 to 61.70): VN0

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 17.140 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

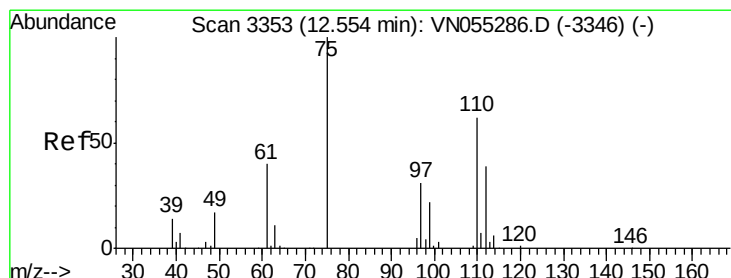
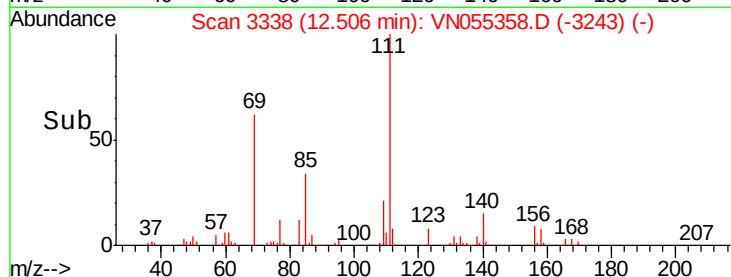
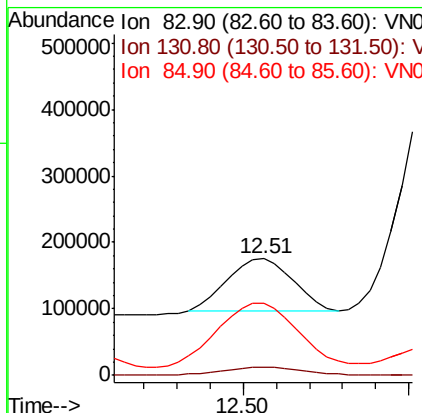
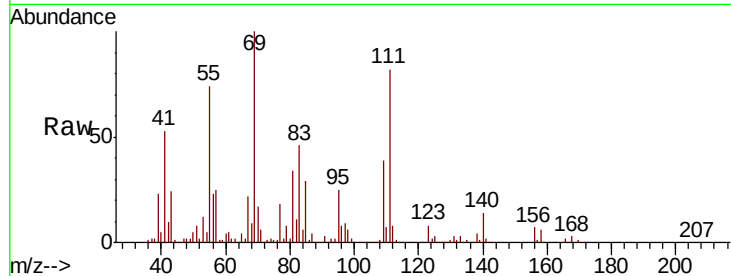
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:	83	Resp:	108603
Ion Ratio	Lower	Upper	
83	100		
131	20.5	5.1	15.2#
85	150.0	32.3	96.8#

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#76

1,2,3-Trichloropropane

Concen: 41.979 ug/l m

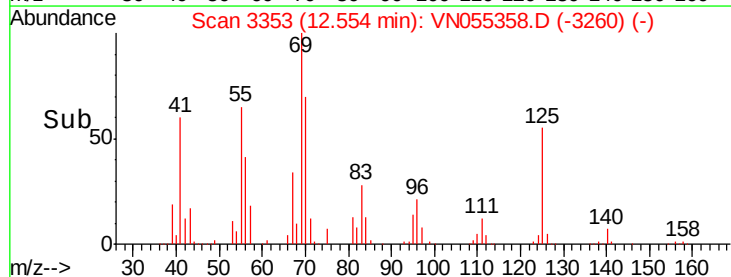
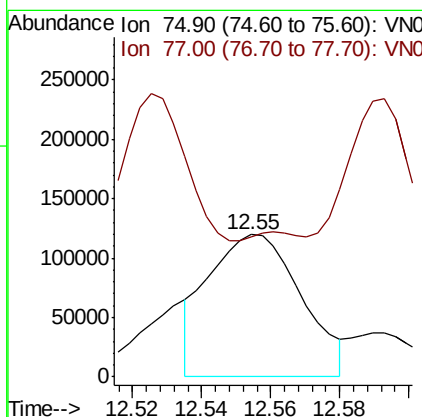
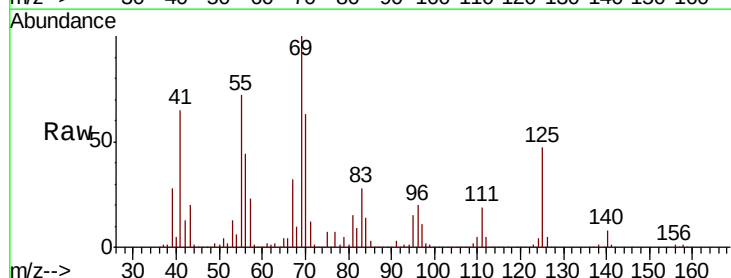
RT: 12.55 min Scan# 3353

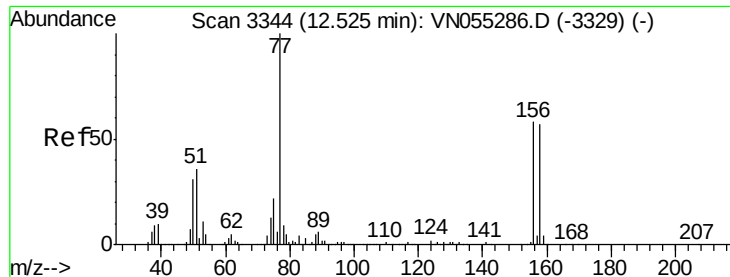
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion:	75	Resp:	224549
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 39.235 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

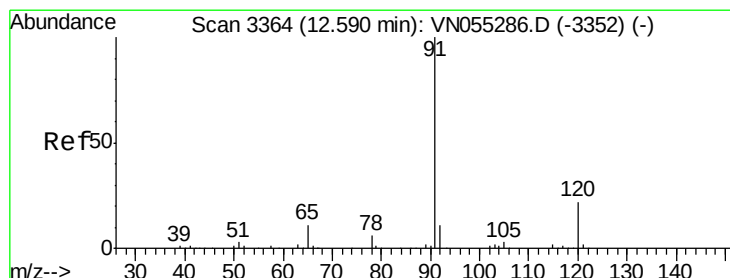
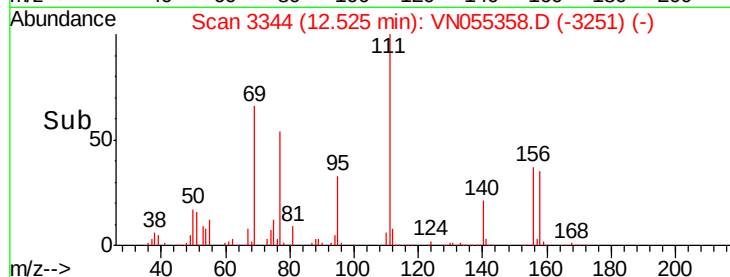
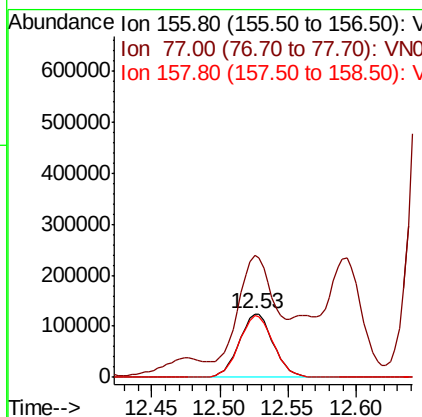
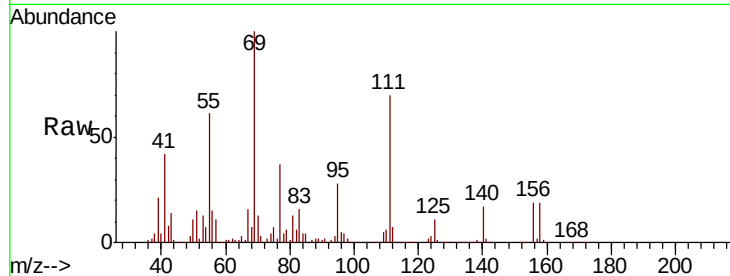
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:	156	Resp:	215917
Ion Ratio	Lower	Upper	
156	100		
77	176.2	99.6	298.8
158	97.2	49.3	147.8

Manual Integrations
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#78

n-propylbenzene

Concen: 303.675 ug/l

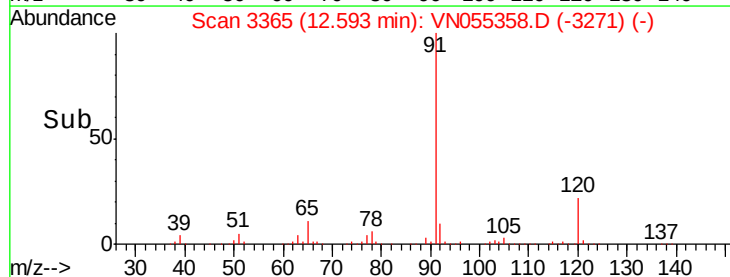
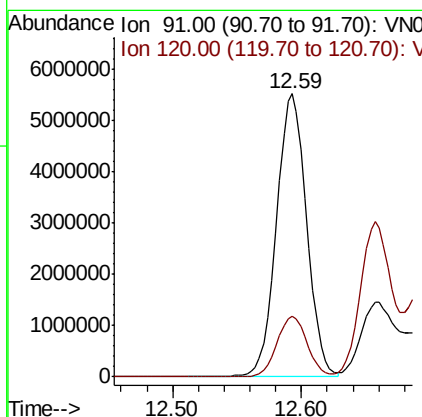
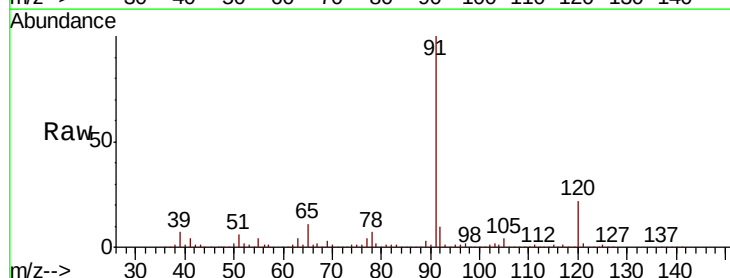
RT: 12.59 min Scan# 3365

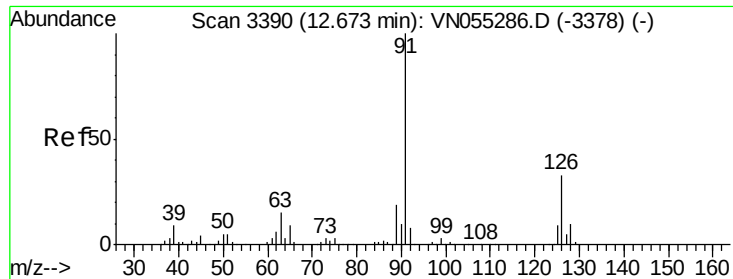
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion:	91	Resp:	8891314
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.0	33.0





#79

2-Chlorotoluene

Concen: 65.217 ug/l m

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion: 91 Resp: 994936

Ion Ratio Lower Upper

91 100

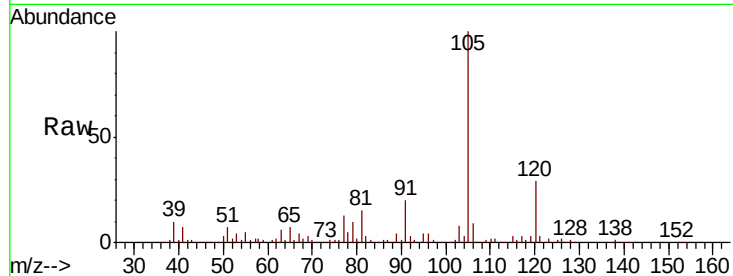
126 22.0 16.6 49.7

Manual Integrations

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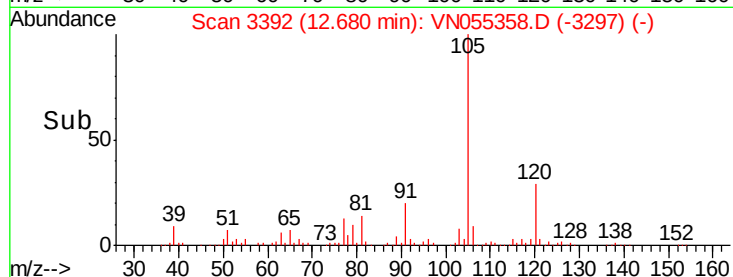


Abundance Ion 91.00 (90.70 to 91.70): VN055358.D (-3392) (-)

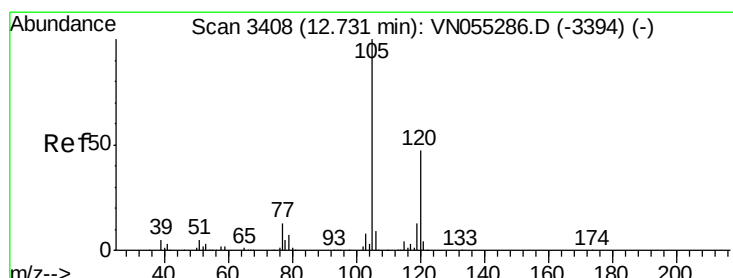
Ion 125.90 (125.60 to 126.60): VN055358.D (-3392) (-)

12.68

12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 591.857 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055358.D

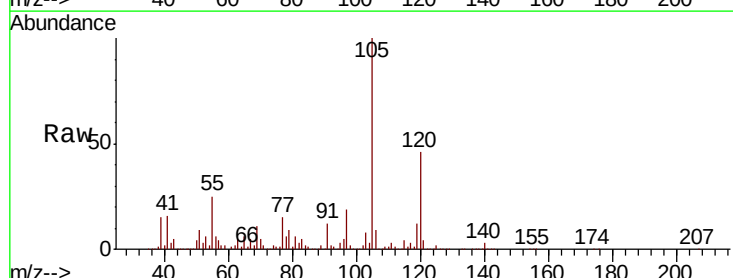
Acq: 2 May 2019 18:50

Tgt Ion: 105 Resp: 13225529

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.0

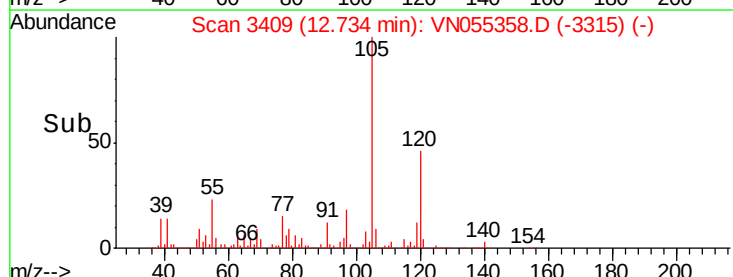


Abundance Ion 105.00 (104.70 to 105.70): VN055358.D (-3409) (-)

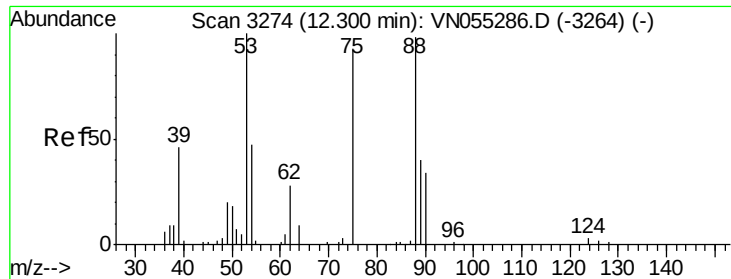
Ion 120.00 (119.70 to 120.70): VN055358.D (-3409) (-)

12.73

12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 37.859 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

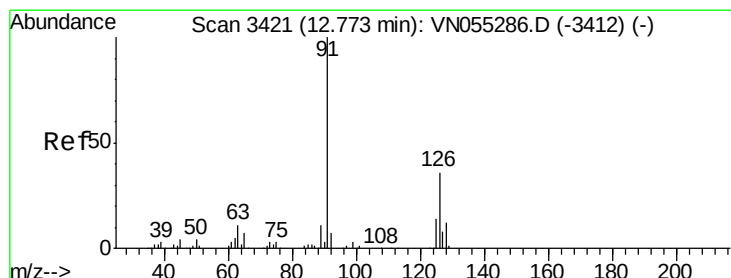
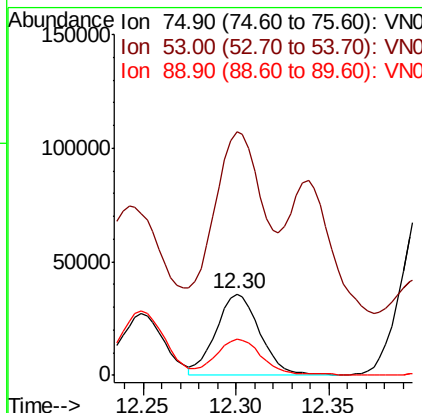
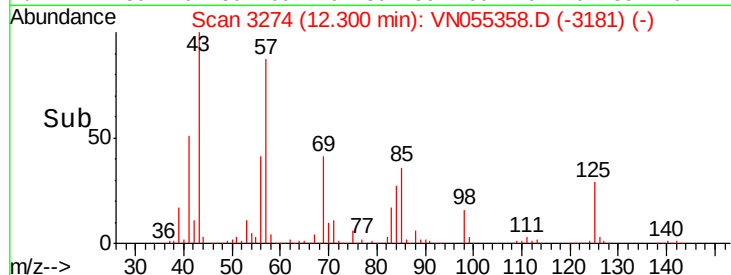
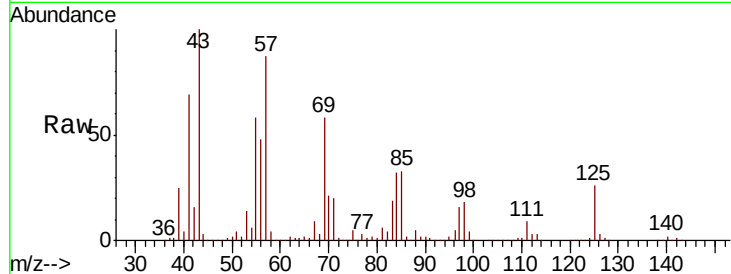
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion: 75 Resp: 56943
 Ion Ratio Lower Upper
 75 100
 53 201.3 86.3 129.5#
 89 46.8 34.6 51.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 32.769 ug/l

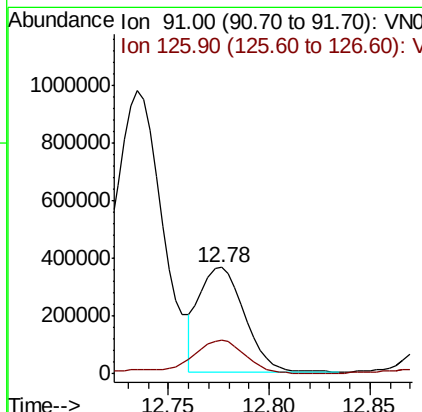
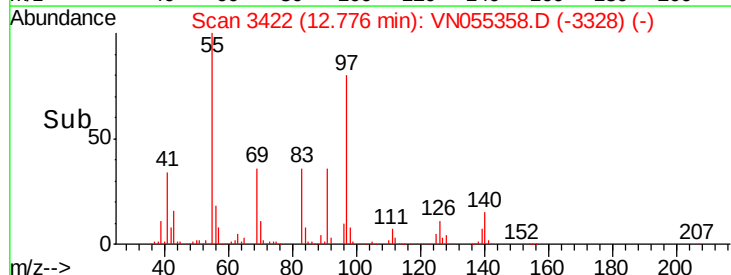
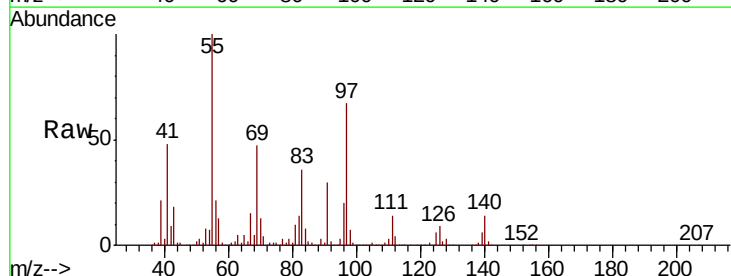
RT: 12.78 min Scan# 3422

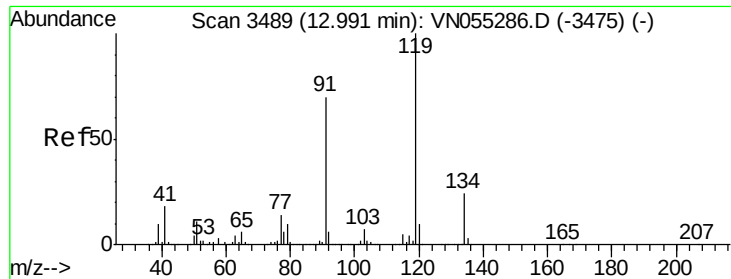
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion: 91 Resp: 557855
 Ion Ratio Lower Upper
 91 100
 126 40.2 16.6 49.7





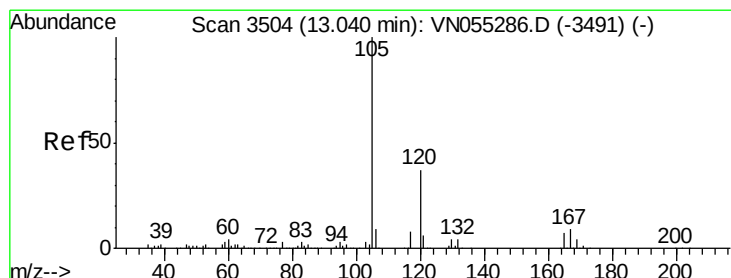
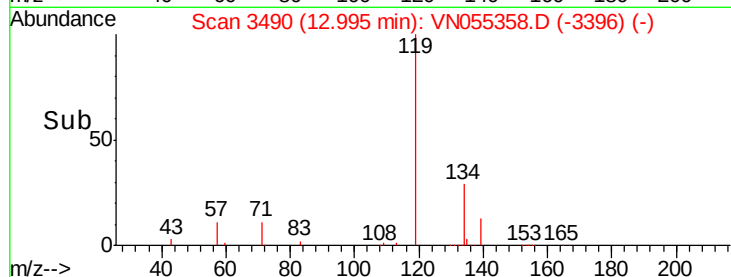
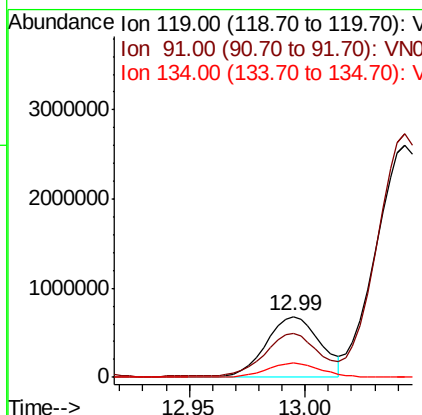
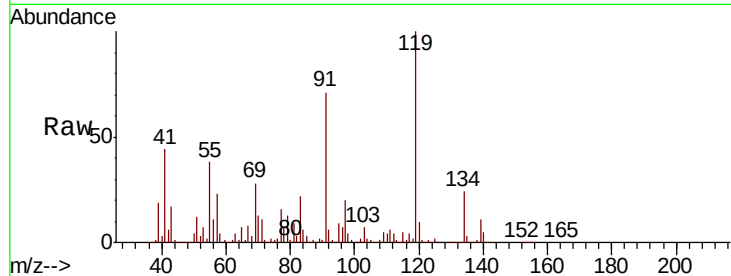
#83
 tert-Butylbenzene
 Concen: 71.571 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tgt Ion:119 Resp: 1112160
 Ion Ratio Lower Upper
 119 100
 91 71.6 34.3 102.9
 134 25.0 13.1 39.3

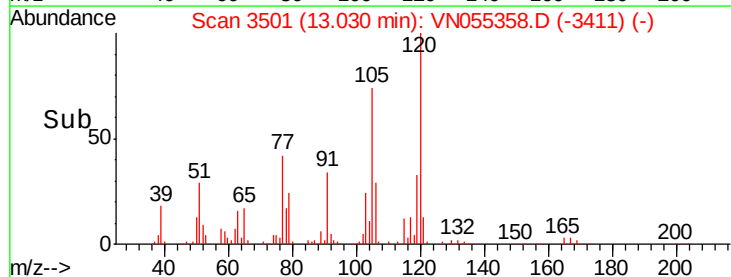
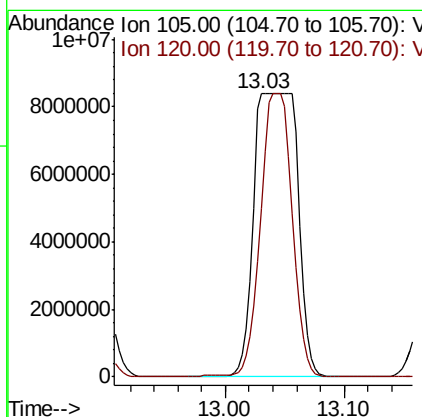
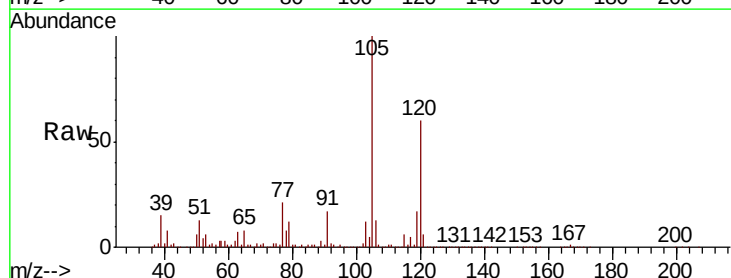
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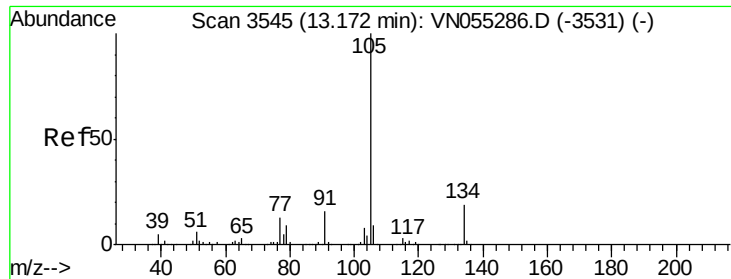
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#84
 1,2,4-Trimethylbenzene
 Concen: 1064.674 ug/l m
 RT: 13.03 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion:105 Resp:21277438
 Ion Ratio Lower Upper
 105 100
 120 8.4 22.1 66.5#





#85

sec-Butylbenzene

Concen: 203.766 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:105 Resp: 4949026

Ion Ratio Lower Upper

105 100

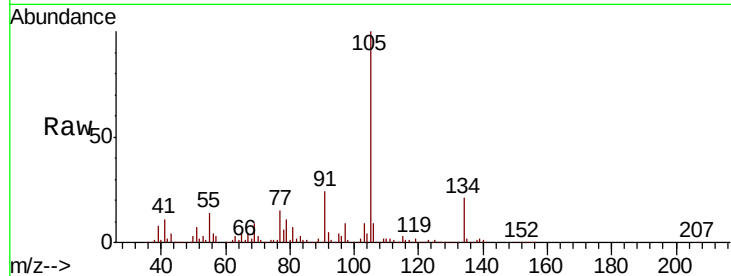
134 28.7 9.6 28.8

Manual Integrations

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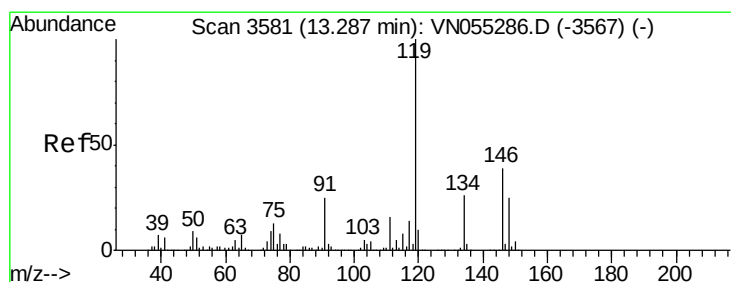
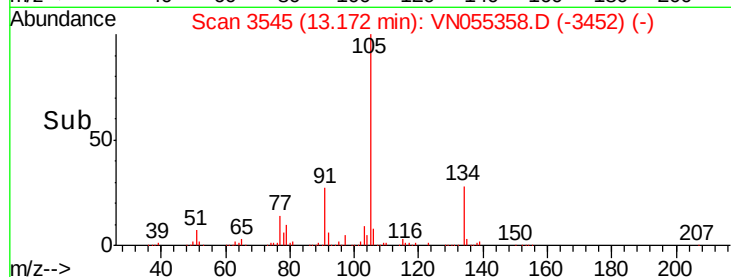
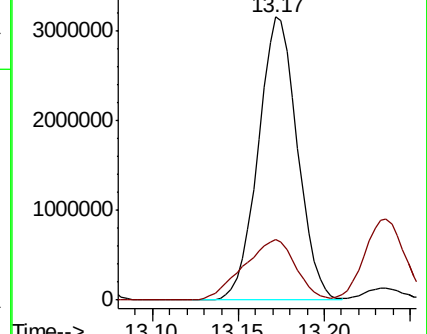
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 223.874 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

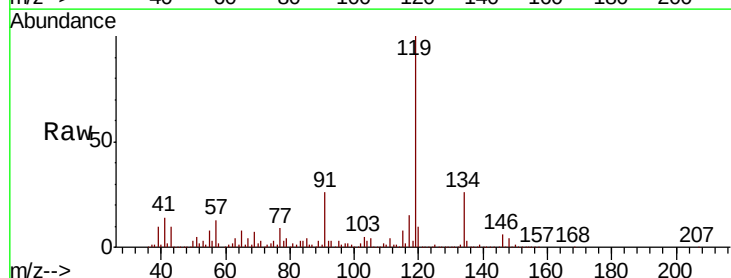
Tgt Ion:119 Resp: 4469081

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

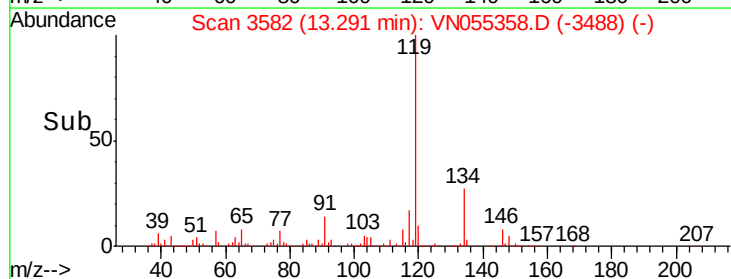
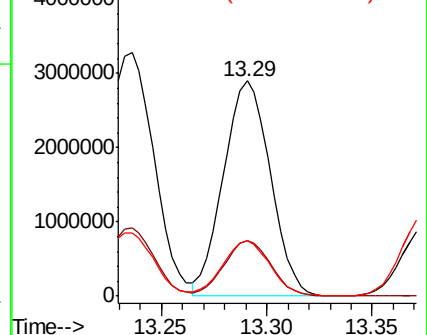
91 25.5 12.2 36.6

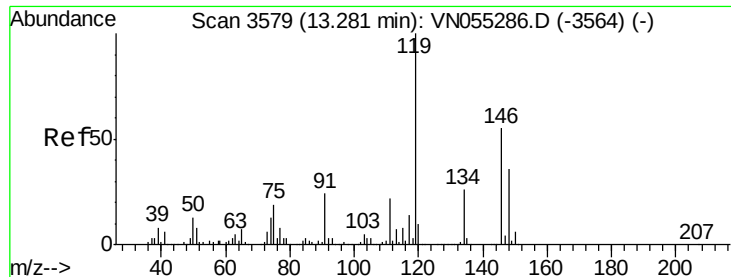


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 37.615 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

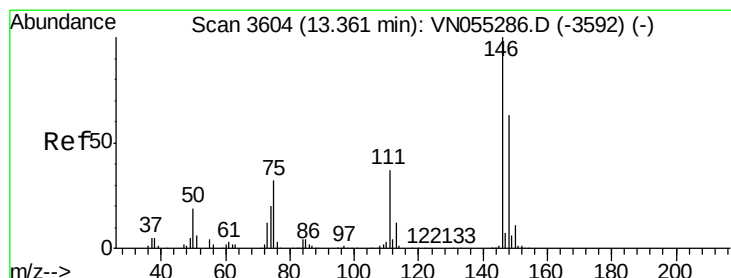
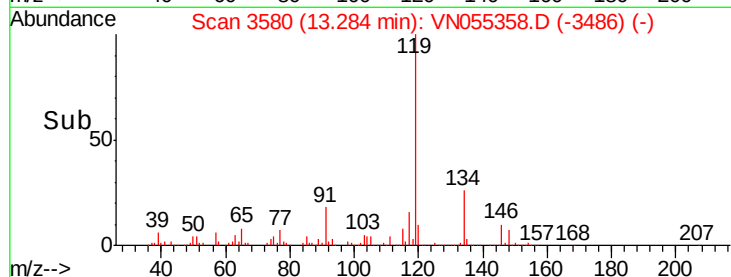
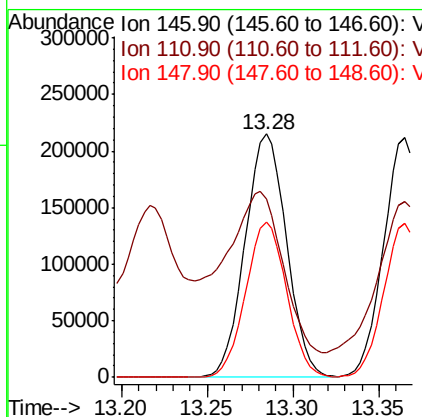
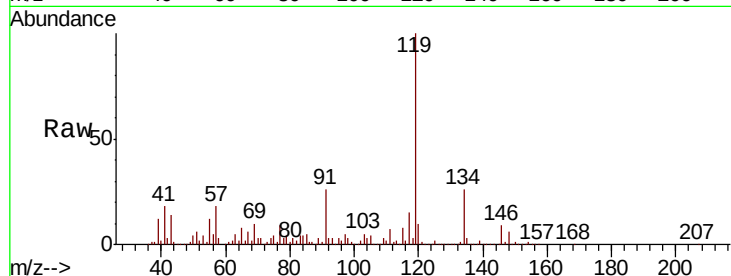
ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	80.0	20.3	60.8#
148	63.0	32.5	97.5

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#88

1,4-Dichlorobenzene

Concen: 38.133 ug/l

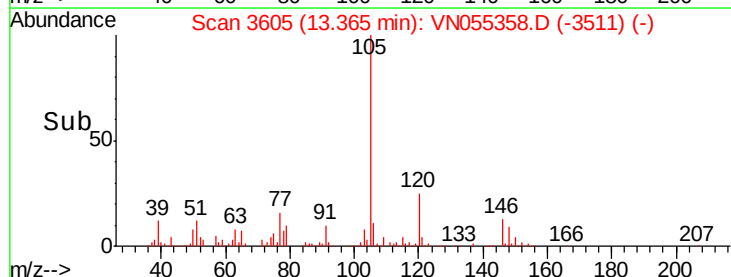
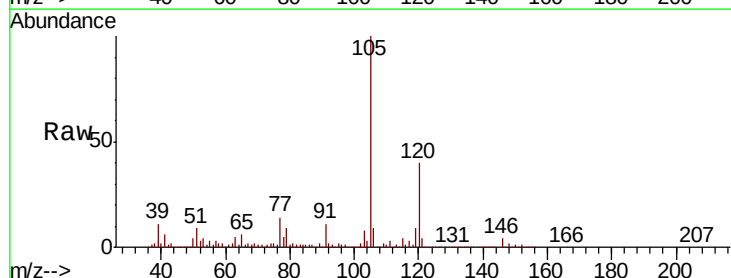
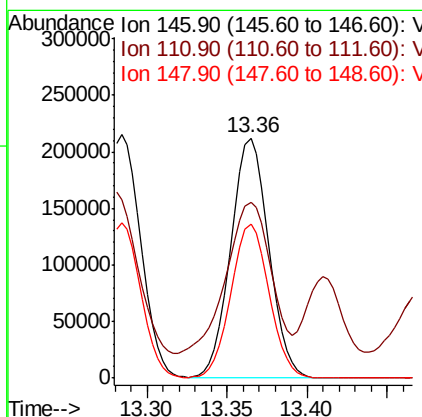
RT: 13.36 min Scan# 3605

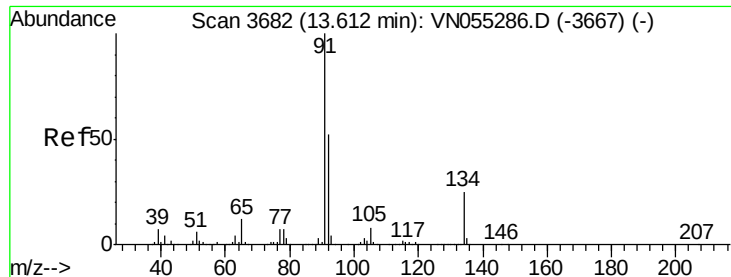
Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	73.0	19.5	58.5#
148	64.7	32.5	97.4





#89

n-Butylbenzene

Concen: 360.270 ug/l m

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion: 91 Resp: 5110440

Ion Ratio Lower Upper

91 100

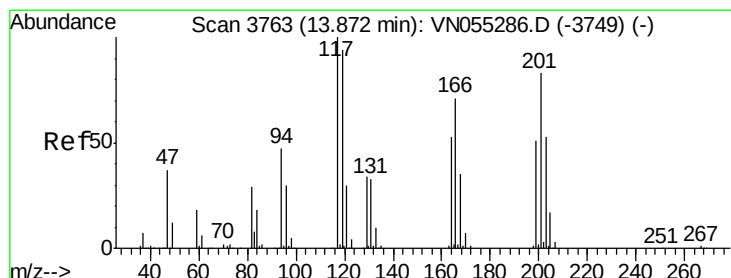
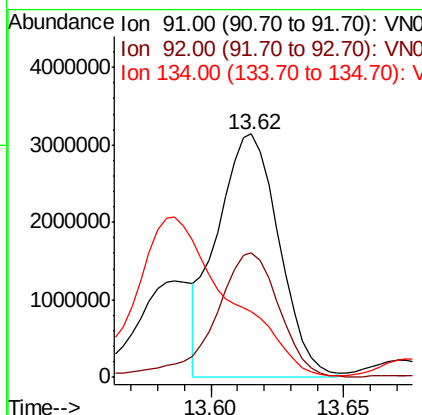
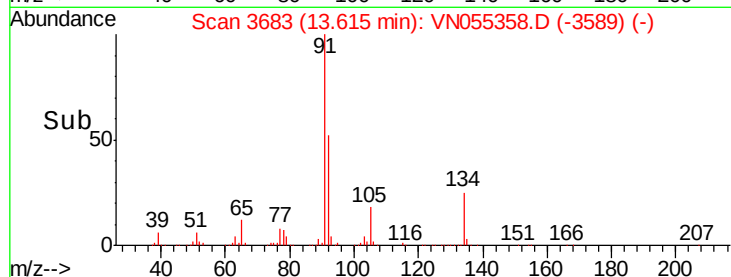
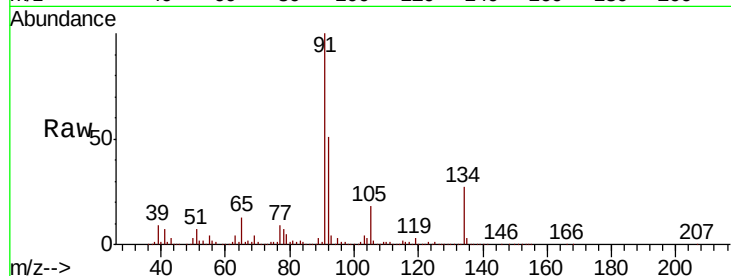
92 52.3 26.1 78.3

134 0.0 12.4 37.4#

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#90

Hexachloroethane

Concen: 202.874 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055358.D

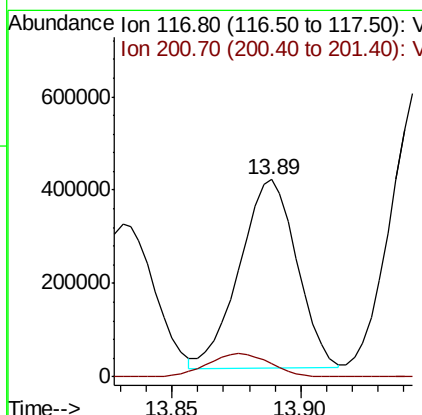
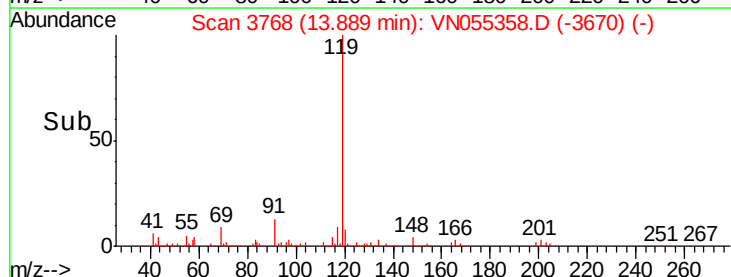
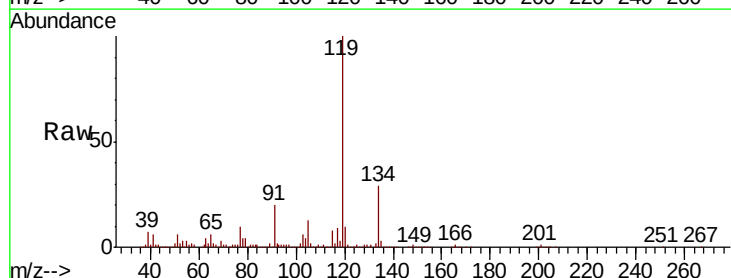
Acq: 2 May 2019 18:50

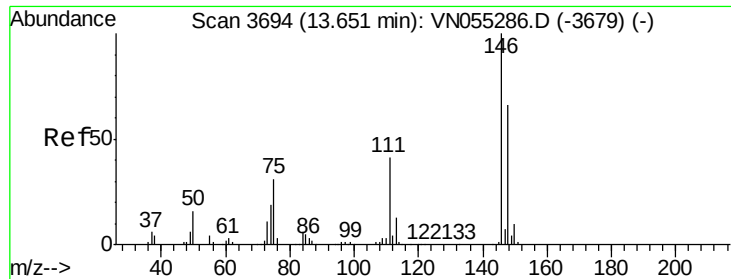
Tgt Ion: 117 Resp: 626018

Ion Ratio Lower Upper

117 100

201 13.8 41.9 125.8#





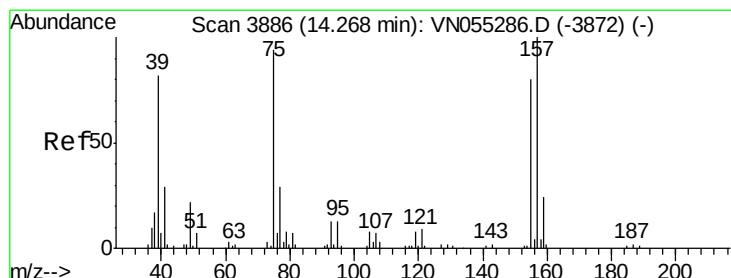
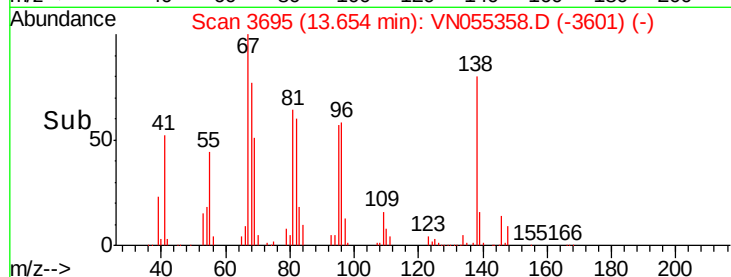
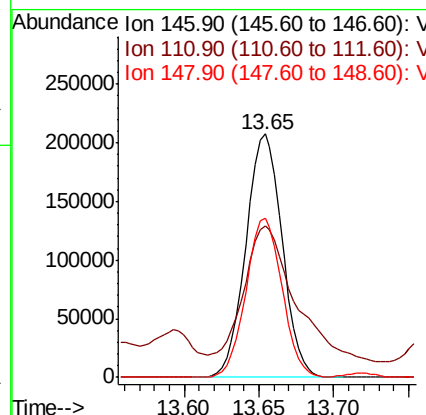
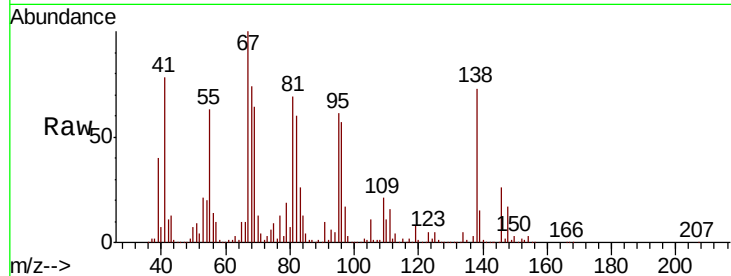
#91
 1,2-Dichlorobenzene
 Concen: 37.010 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	78.3	20.3	61.0#
148	65.1	32.4	97.2

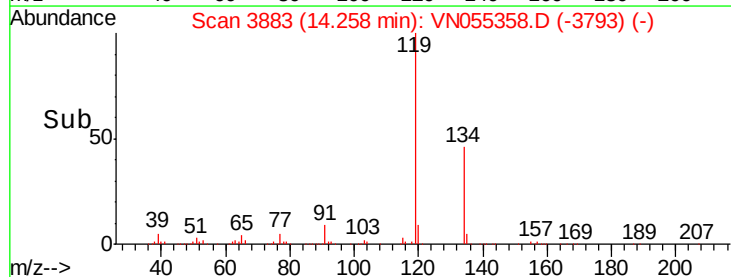
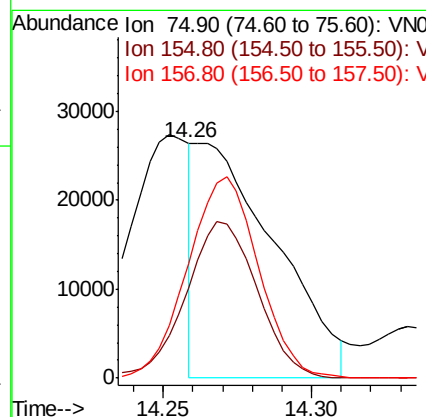
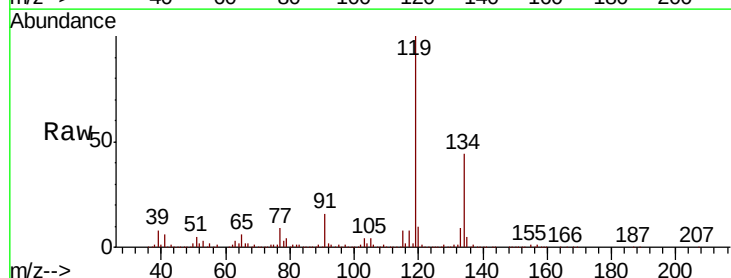
Manual Integrations
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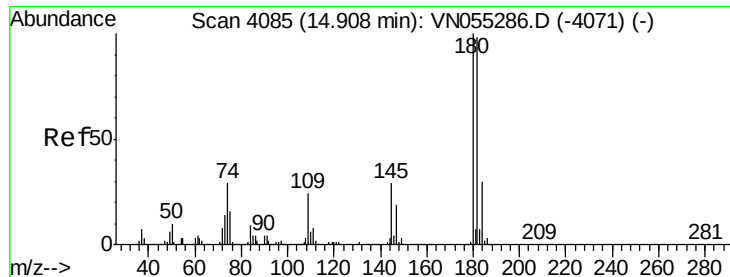
MMDadoda
 5/3/2019 1:10:22 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 65.848 ug/l m
 RT: 14.26 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.7	41.5	124.6
157	76.2	54.0	162.2





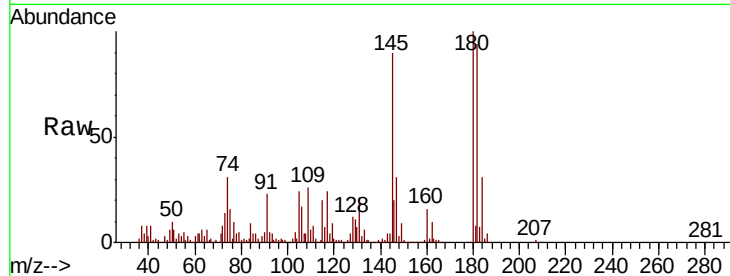
#93
 1,2,4-Trichlorobenzene
 Concen: 60.831 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

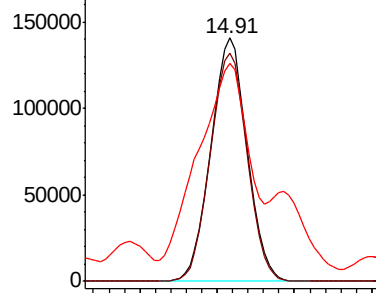
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229570		
182	95.3	48.3	144.9	
145	109.1	14.2	42.6#	

Manual Integrations
 APPROVED

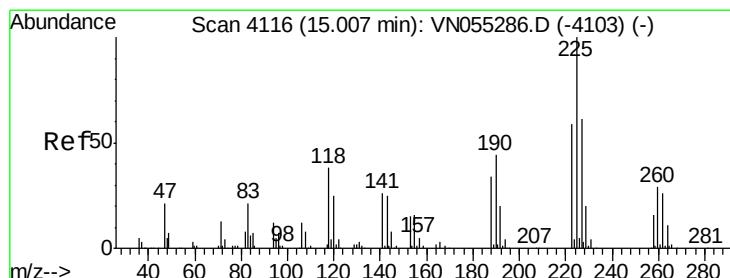
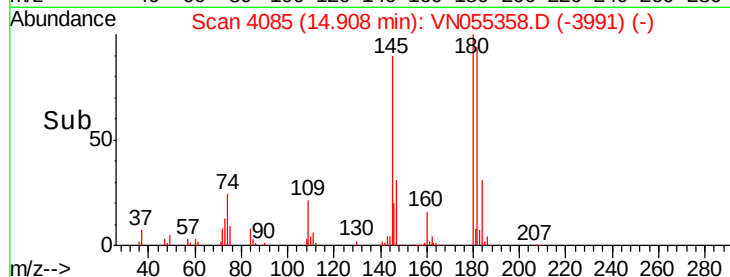
MMDadoda
 5/3/2019 1:10:22 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

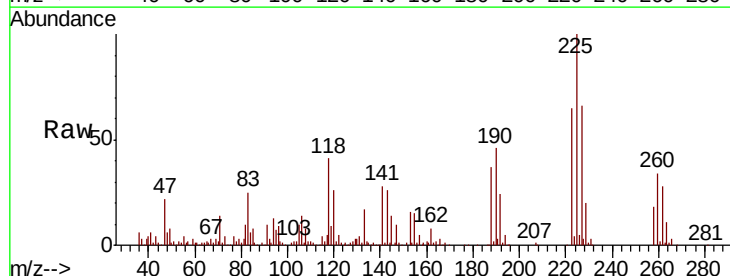


Time-->

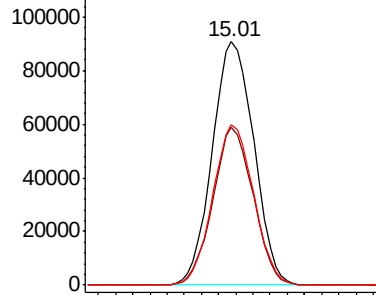


#94
 Hexachlorobutadiene
 Concen: 53.717 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

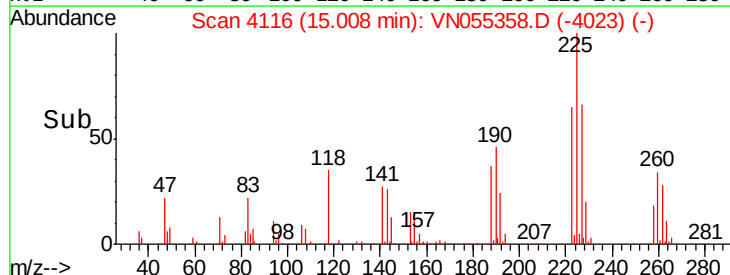
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152211		
223	62.7	30.3	90.8	
227	64.5	30.9	92.7	

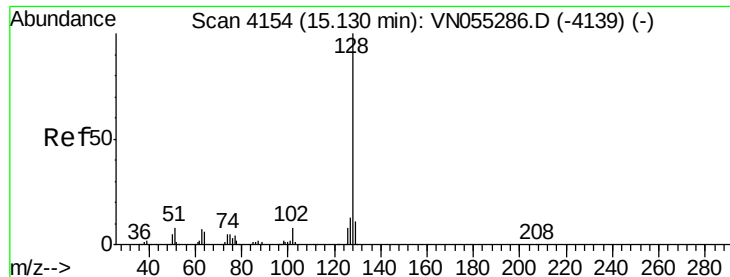


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 250.864 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tgt Ion:128 Resp: 2101022

Ion Ratio Lower Upper

128 100

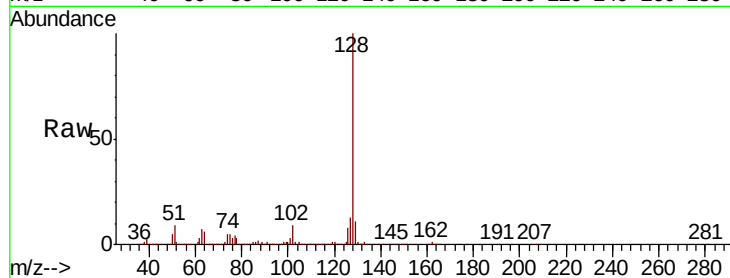
127 13.2 10.7 16.1

129 10.8 8.6 13.0

Manual Integrations
APPROVED

MMDadoda

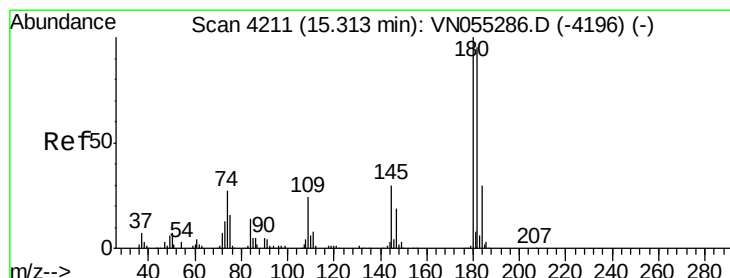
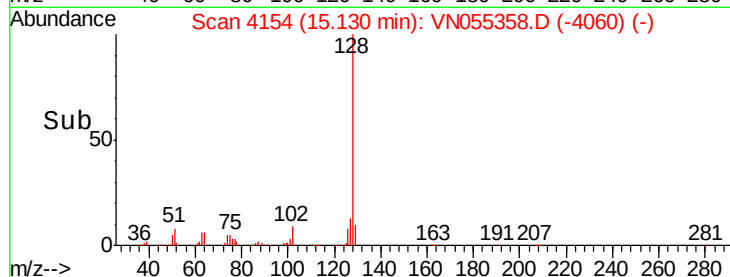
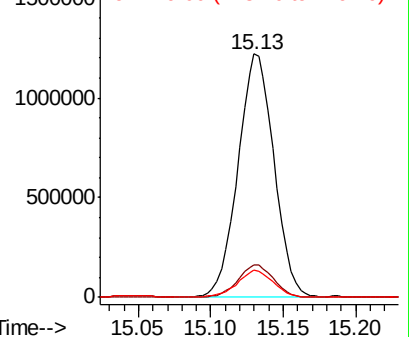
5/3/2019 1:10:22 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 58.891 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

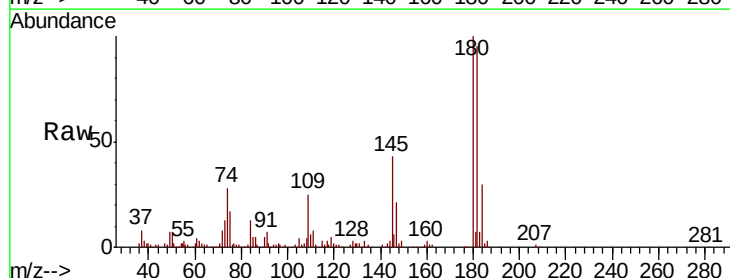
Tgt Ion:180 Resp: 217940

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.9

145 56.8 15.2 45.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

