

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042919\
 Data File : VN055286.D
 Acq On : 29 Apr 2019 11:32
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:59:06 AM

Quant Time: Apr 30 03:55:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 03:41:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	432492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	689778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	275281	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
35) Dibromofluoromethane	7.59	113	219723	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
50) Toluene-d8	10.09	98	807990	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	12.40	95	268486	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	273682	49.875	ug/l	100
3) Chloromethane	2.06	50	318505	47.404	ug/l	100
4) Vinyl Chloride	2.19	62	251949	46.835	ug/l	100
5) Bromomethane	2.56	94	137586	43.812	ug/l	100
6) Chloroethane	2.70	64	134706	47.129	ug/l	100
7) Trichlorofluoromethane	3.02	101	354665	48.057	ug/l	100
8) Diethyl Ether	3.41	74	127951	48.612	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	214384	46.561	ug/l	100
10) Methyl Iodide	3.96	142	320091	49.914	ug/l	100
11) Tert butyl alcohol	4.78	59	80271	237.089	ug/l	100
12) 1,1-Dichloroethene	3.74	96	205080	46.715	ug/l	100
13) Acrolein	3.61	56	65898	156.598	ug/l	100
14) Allyl chloride	4.33	41	432497	49.334	ug/l	100
15) Acrylonitrile	4.99	53	457829	246.109	ug/l	100
16) Acetone	3.82	43	410828	221.627	ug/l	100
17) Carbon Disulfide	4.06	76	557687	45.861	ug/l	100
18) Methyl Acetate	4.33	43	218424	41.349	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	605763	49.397	ug/l	100
20) Methylene Chloride	4.55	84	245247	44.442	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	219585	47.678	ug/l	100
22) Diisopropyl ether	5.95	45	875489	49.941	ug/l	100
23) Vinyl Acetate	5.90	43	3041885	259.971	ug/l	100
24) 1,1-Dichloroethane	5.85	63	446810	47.677	ug/l	100
25) 2-Butanone	6.84	43	577061	235.632	ug/l	100
26) 2,2-Dichloropropane	6.83	77	313741	49.198	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	253667	47.568	ug/l	100
28) Bromochloromethane	7.19	49	226541	47.387	ug/l	100
29) Tetrahydrofuran	7.21	42	368032	241.577	ug/l	100
30) Chloroform	7.37	83	425506	47.677	ug/l	100
31) Cyclohexane	7.66	56	416890	38.860	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	347189	48.511	ug/l	100
36) 1,1-Dichloropropene	7.79	75	314260	49.744	ug/l	100
37) Ethyl Acetate	6.93	43	242712	47.577	ug/l	100
38) Carbon Tetrachloride	7.77	117	301023	50.510	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	347411	46.175	ug/l	100
40) Benzene	8.04	78	962082	49.043	ug/l	100
41) Methacrylonitrile	7.18	41	140128	52.257	ug/l	100
42) 1,2-Dichloroethane	8.13	62	331513	48.422	ug/l	100
43) Isopropyl Acetate	8.16	43	421010	50.703	ug/l	100
44) Trichloroethene	8.83	130	238693	48.252	ug/l	100
45) 1,2-Dichloropropane	9.12	63	273539	49.263	ug/l	100
46) Dibromomethane	9.21	93	149551	47.305	ug/l	100
47) Bromodichloromethane	9.40	83	323908	50.947	ug/l	100
48) Methyl methacrylate	9.20	41	205652	50.776	ug/l	100
49) 1,4-Dioxane	9.20	88	41692	912.533	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1173751	245.720	ug/l	100
52) Toluene	10.16	92	556920	48.667	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	307117	52.656	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	378692	52.325	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	205552	48.440	ug/l	100
56) Ethyl methacrylate	10.43	69	274057	52.000	ug/l	100
57) 1,3-Dichloropropane	10.71	76	363678	49.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	365149	224.484	ug/l	100
59) 2-Hexanone	10.75	43	734192	246.232	ug/l	100
60) Dibromochloromethane	10.90	129	224441	51.281	ug/l	100
61) 1,2-Dibromoethane	11.00	107	196240	49.399	ug/l	100
64) Tetrachloroethene	10.63	164	224777	46.650	ug/l	100
65) Chlorobenzene	11.43	112	569498	47.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	221466	49.384	ug/l	100
67) Ethyl Benzene	11.51	91	1053268	49.057	ug/l	100
68) m/p-Xylenes	11.62	106	755858	98.479	ug/l	100
69) o-Xylene	11.95	106	370626	48.608	ug/l	100
70) Styrene	11.96	104	615393	52.187	ug/l	100
71) Bromoform	12.13	173	136339	51.419	ug/l #	100
73) Isopropylbenzene	12.25	105	999995	43.131	ug/l	100
74) N-amyl acetate	12.07	43	309544	49.935	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	248461	40.628	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	230916m	46.734	ug/l	
77) Bromobenzene	12.53	156	235224	44.377	ug/l	100
78) n-propylbenzene	12.59	91	1113206	46.040	ug/l	100
79) 2-Chlorotoluene	12.67	91	677506	44.377	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	820405	45.518	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59989	46.487	ug/l	100
82) 4-Chlorotoluene	12.77	91	646506	46.217	ug/l	100
83) tert-Butylbenzene	12.99	119	689329	42.726	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	794183	46.753	ug/l	100
85) sec-Butylbenzene	13.17	105	905185	44.350	ug/l	100
86) p-Isopropyltoluene	13.29	119	786786	46.861	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	379239	46.863	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	365606	46.334	ug/l	100
89) n-Butylbenzene	13.61	91	613032	49.574	ug/l	100
90) Hexachloroethane	13.87	117	135497	45.249	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	372615	44.897	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33601	46.092	ug/l	100

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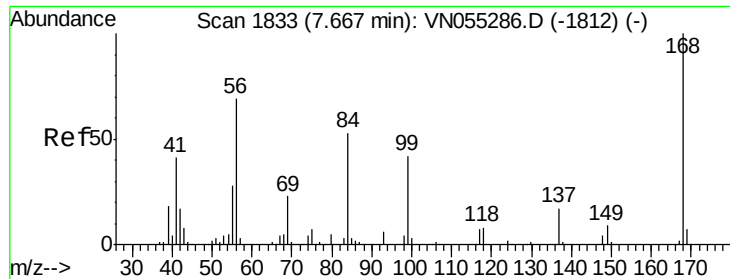
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	145729	50.503	ug/l	100
94) Hexachlorobutadiene	15.01	225	126855	42.291	ug/l	100
95) Naphthalene	15.13	128	301675	49.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	146377	48.851	ug/l	100

(#) = 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: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 432492

Ion Ratio Lower Upper

168 100

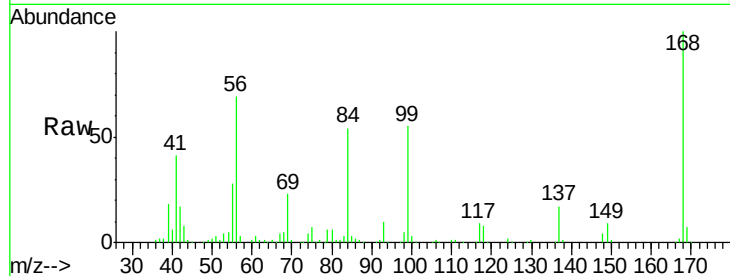
99 54.5 43.6 65.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

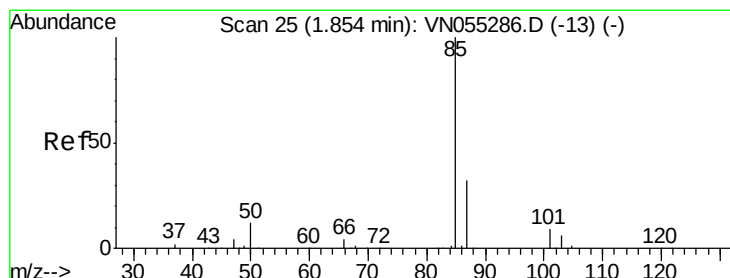
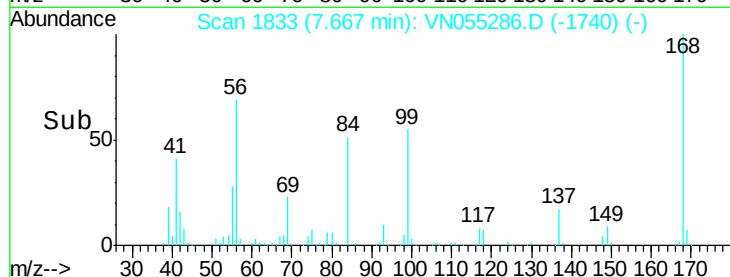
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.875 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055286.D

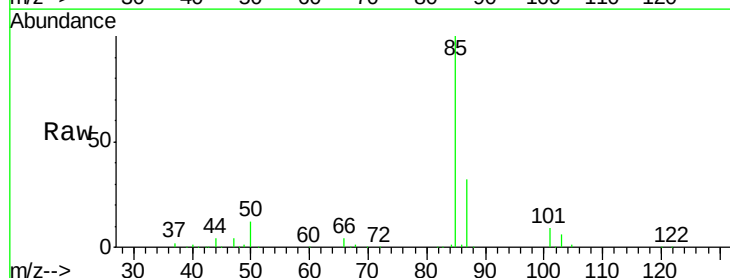
Acq: 29 Apr 2019 11:32

Tgt Ion: 85 Resp: 273682

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200000

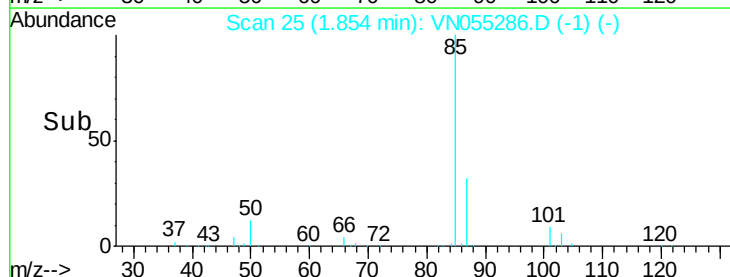
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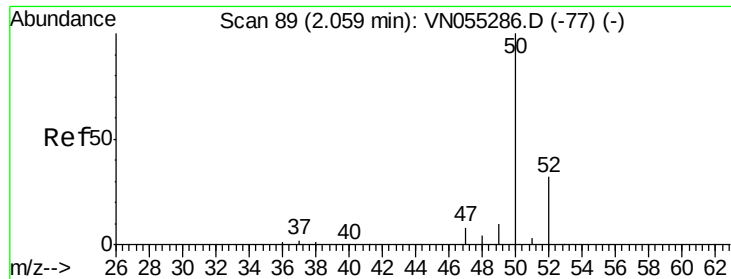
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50000

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Time-->





#3

Chloromethane

Concen: 47.404 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 318505

Ion Ratio Lower Upper

50 100

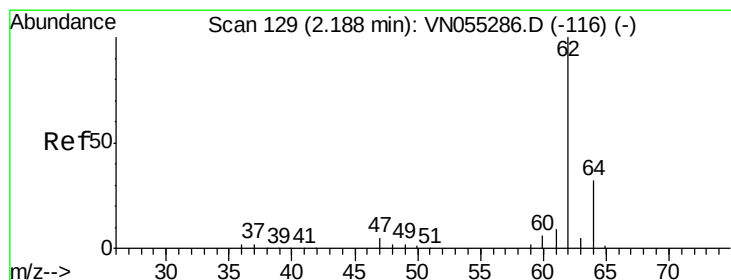
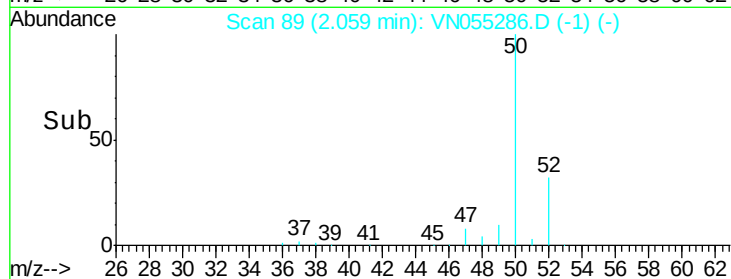
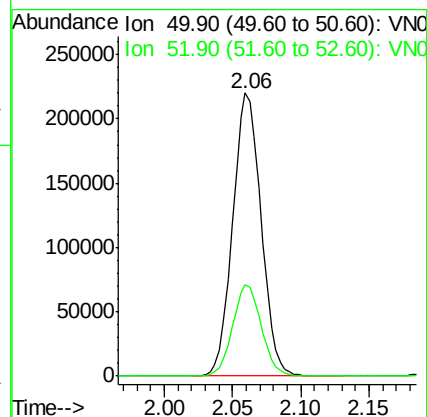
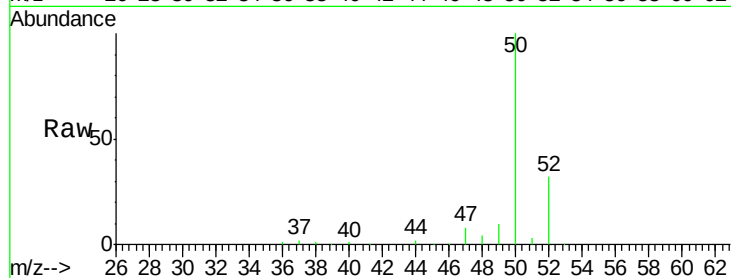
52 32.1 25.7 38.5

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#4

Vinyl Chloride

Concen: 46.835 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055286.D

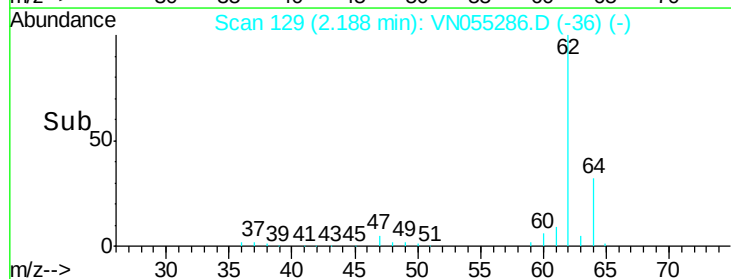
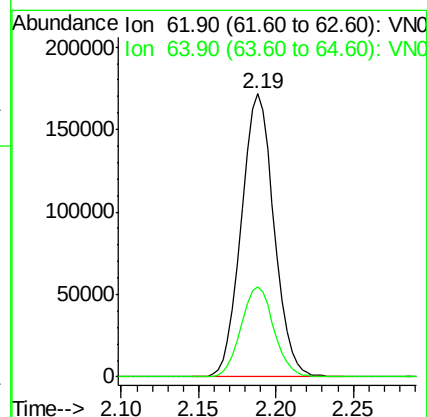
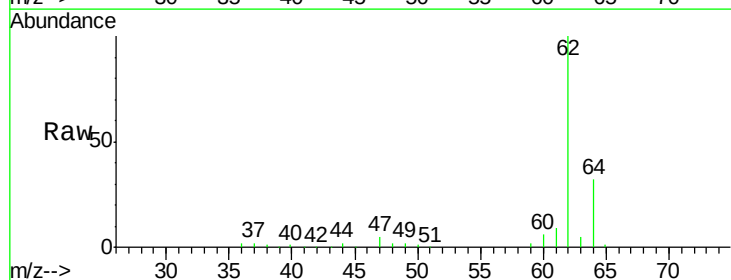
Acq: 29 Apr 2019 11:32

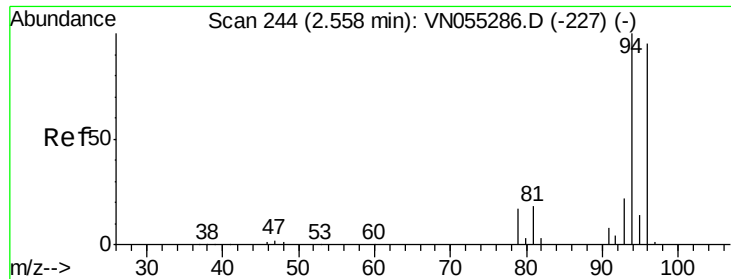
Tgt Ion: 62 Resp: 251949

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 43.812 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 137586

Ion Ratio Lower Upper

94 100

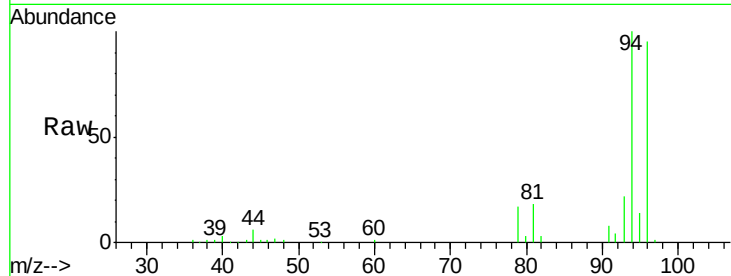
96 95.0 76.0 114.0

Manual Integrations

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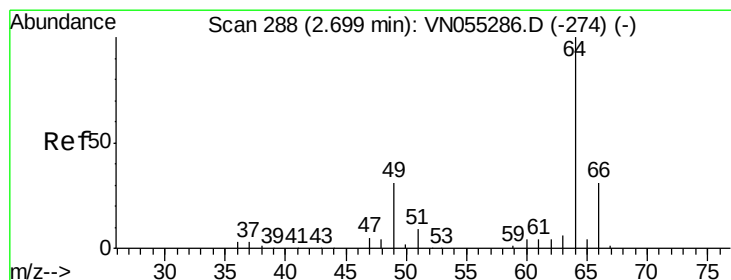
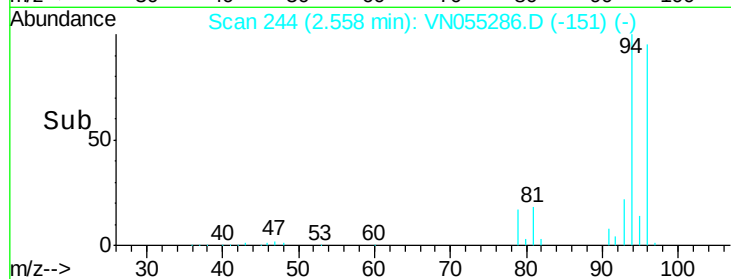
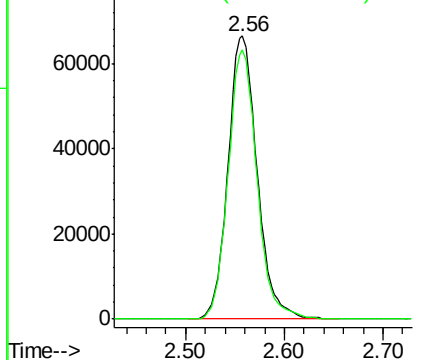
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.129 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN055286.D

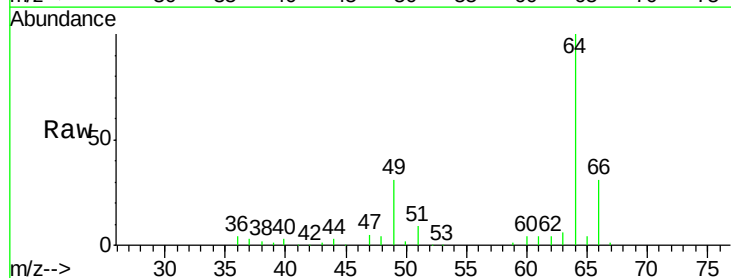
Acq: 29 Apr 2019 11:32

Tgt Ion: 64 Resp: 134706

Ion Ratio Lower Upper

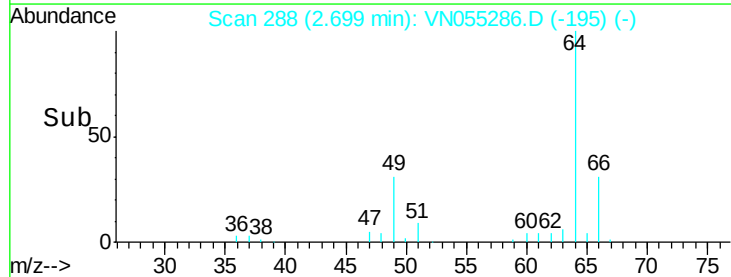
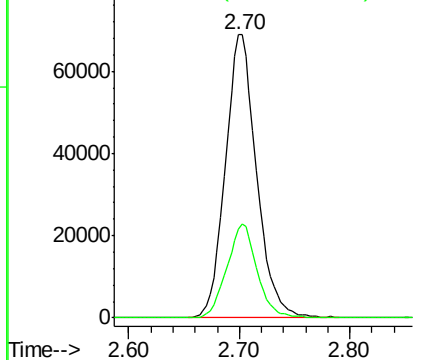
64 100

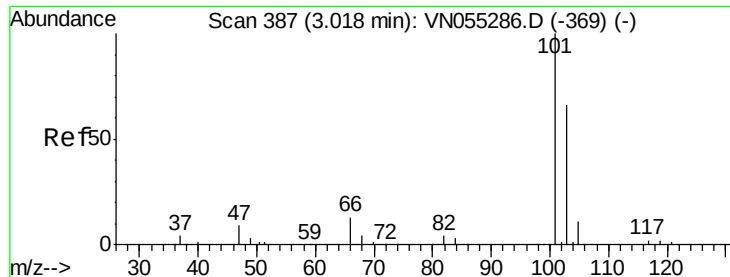
66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

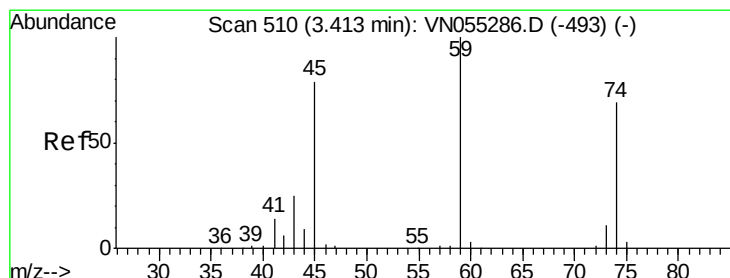
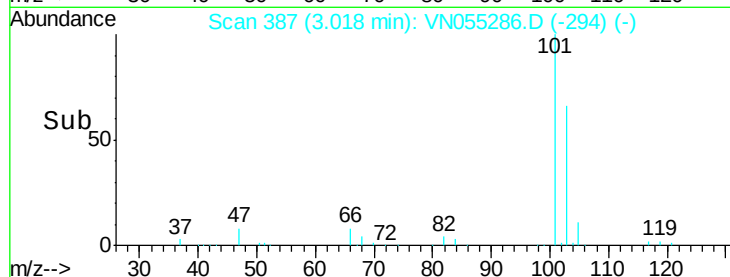
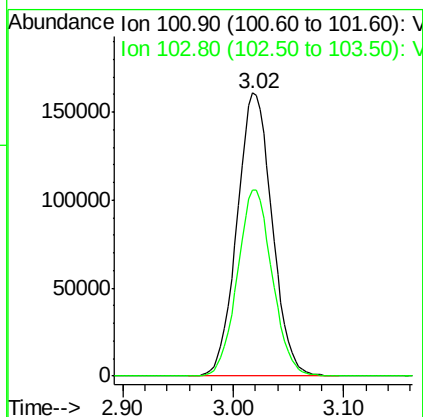
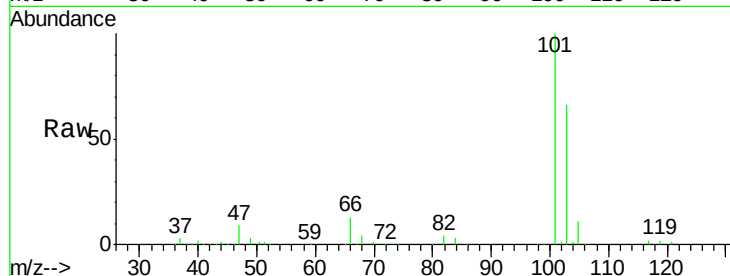
Trichlorofluoromethane
 Concen: 48.057 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.6	79.0

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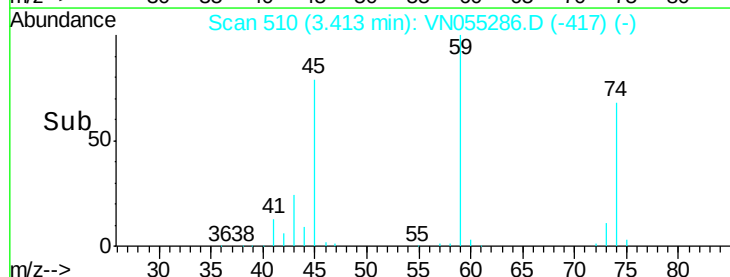
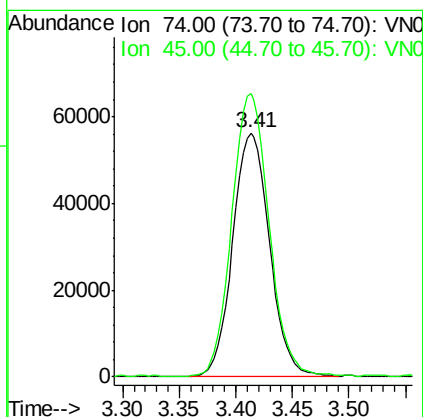
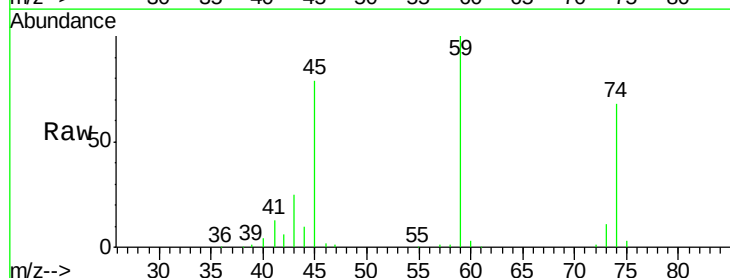
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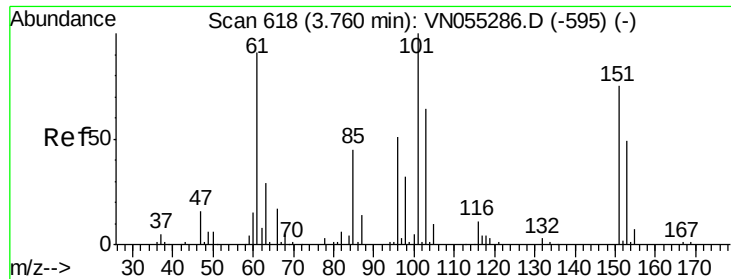


#8

Diethyl Ether
 Concen: 48.612 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.7	58.9	176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.561 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

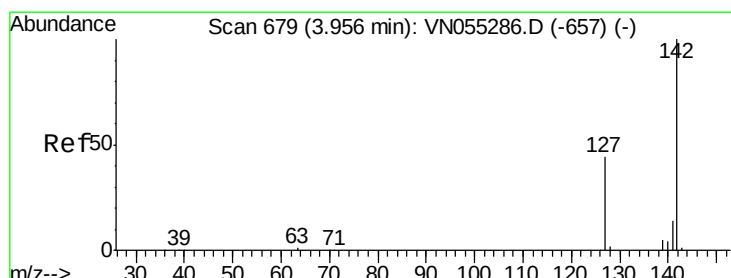
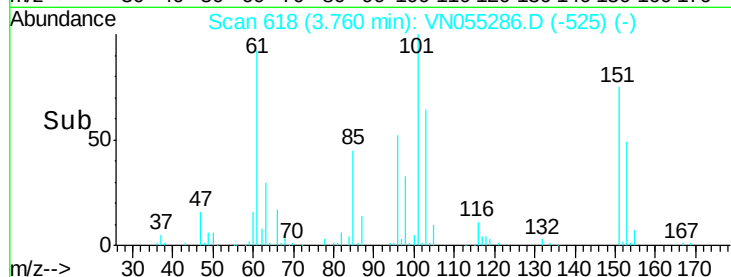
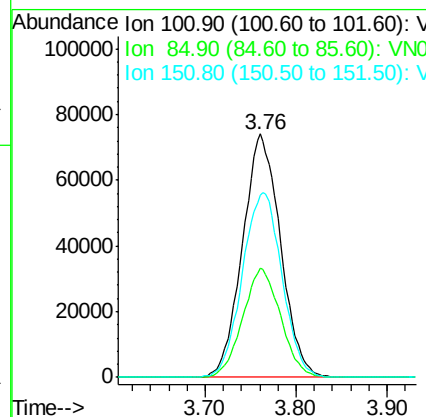
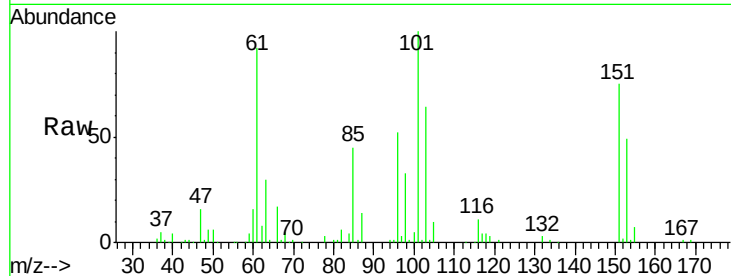
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	214384
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.7	53.5
151	79.1	63.3	94.9

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#10

Methyl Iodide

Concen: 49.914 ug/l

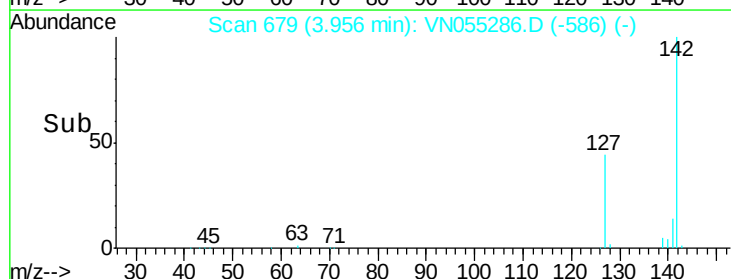
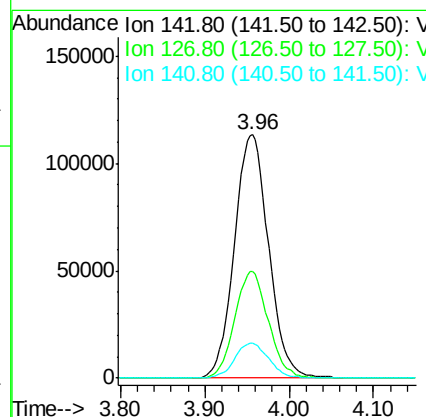
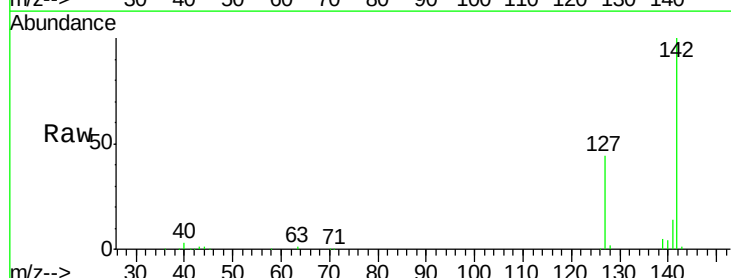
RT: 3.96 min Scan# 679

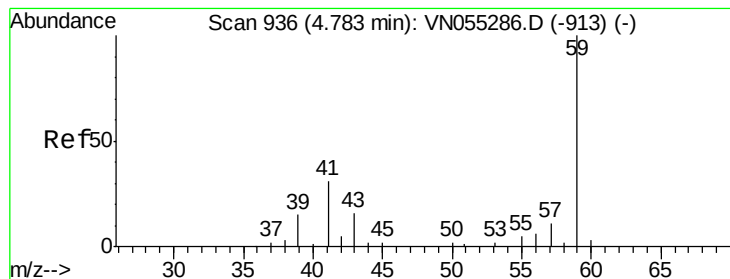
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	142	Resp:	320091
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.4	51.6
141	14.4	11.5	17.3





#11

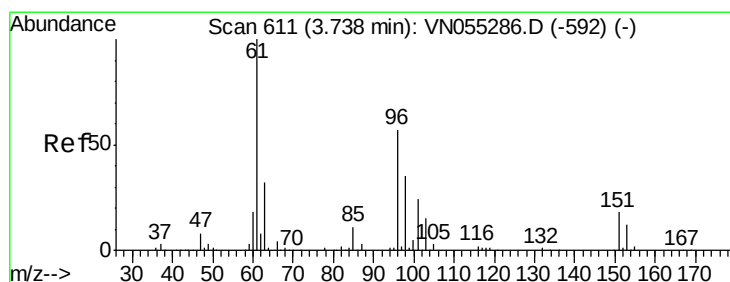
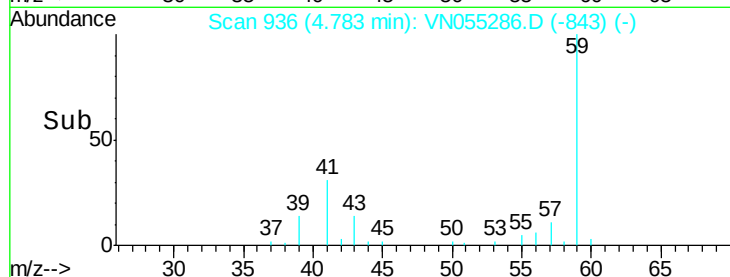
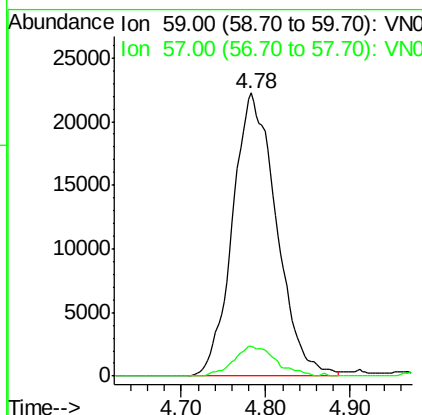
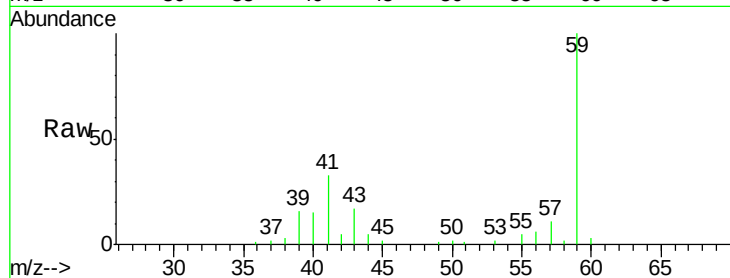
Tert butyl alcohol
 Concen: 237.089 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	57	Ratio	100	10.2	Resp	80271	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.2	Resp	80271	Lower	8.2	Upper	12.2

Manual Integrations
 APPROVED

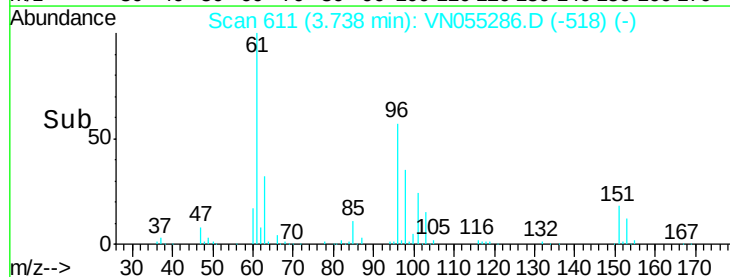
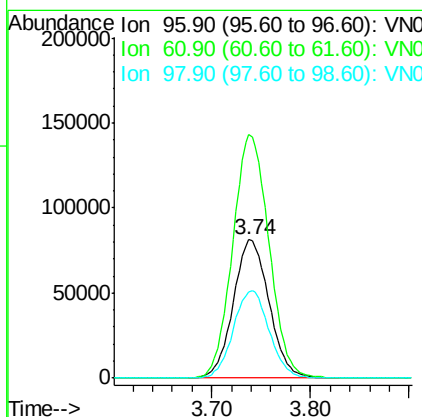
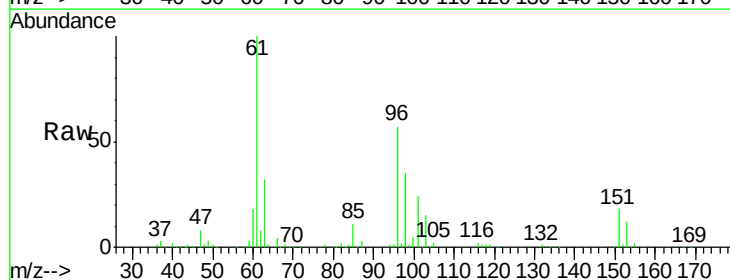
MMDadoda
 4/30/2019 11:59:06 AM

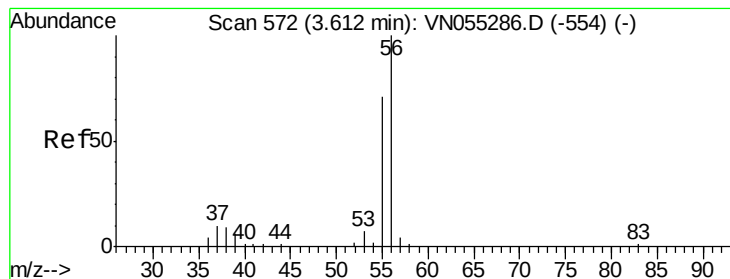


#12

1,1-Dichloroethene
 Concen: 46.715 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	96	61	98	Ratio	100	176.1	62.5	Resp	205080	Lower	140.9	50.0	Upper	211.3	75.0
Ion	96	61	98	Ratio	100	176.1	62.5	Resp	205080	Lower	140.9	50.0	Upper	211.3	75.0





#13

Acrolein

Concen: 156.598 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 65898

Ion Ratio Lower Upper

56 100

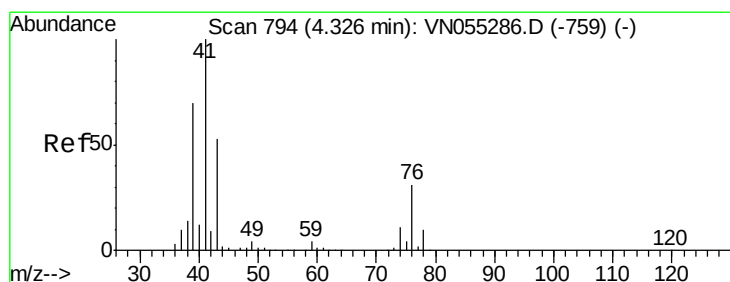
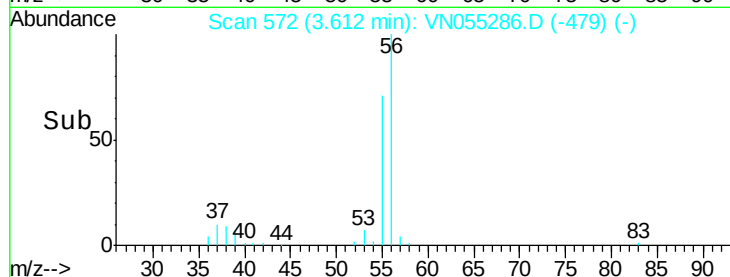
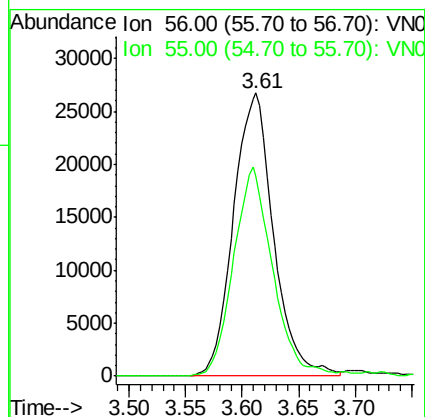
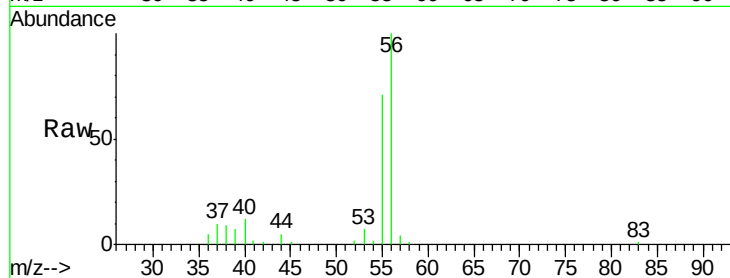
55 71.8 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 49.334 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

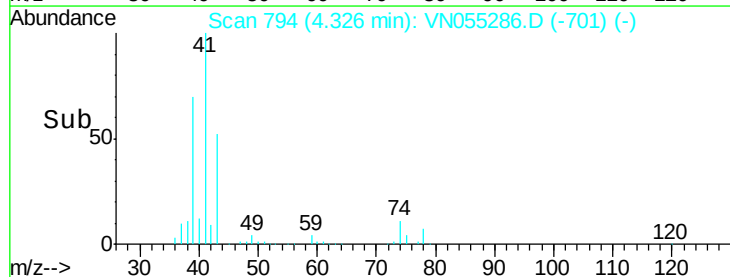
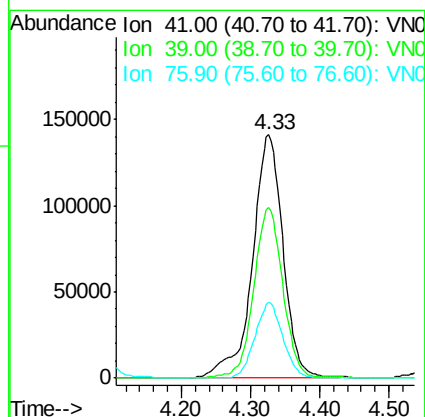
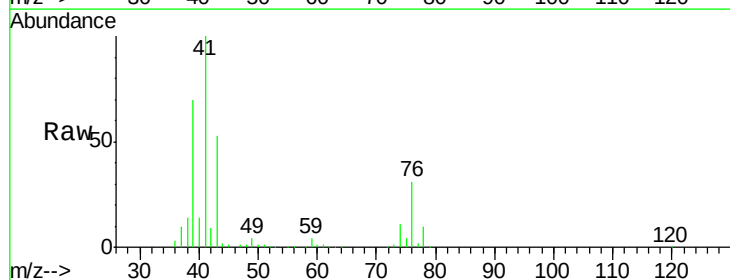
Tgt Ion: 41 Resp: 432497

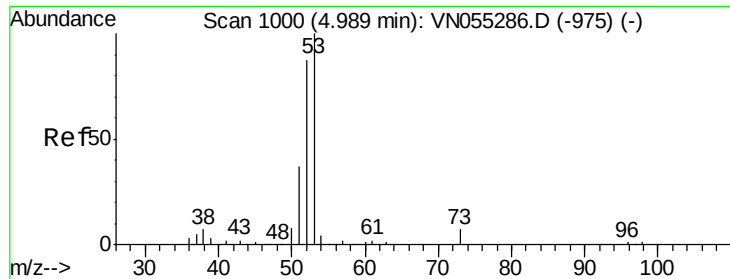
Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

76 28.4 22.7 34.1





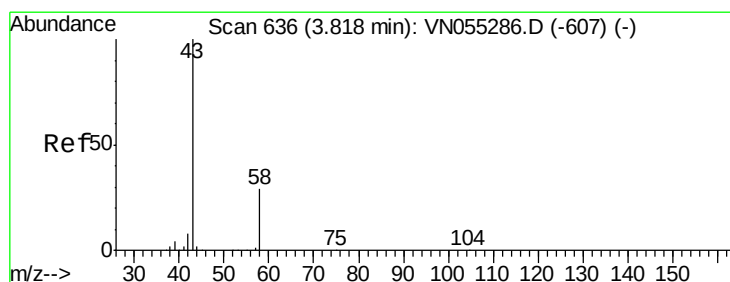
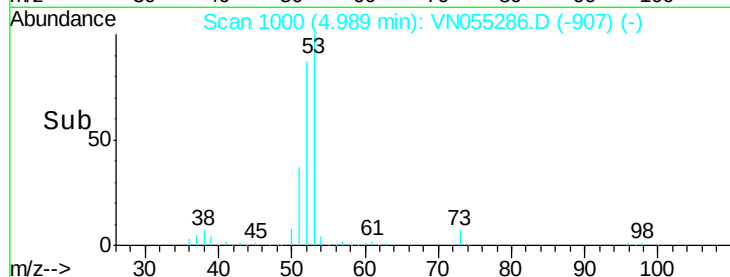
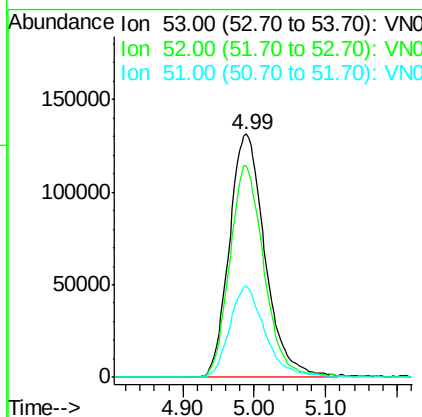
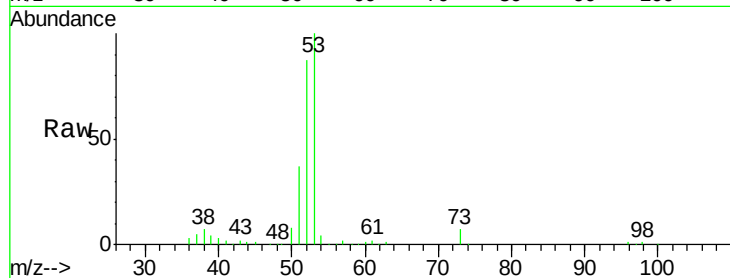
#15
 Acrylonitrile
 Concen: 246.109 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	37.0	29.6	44.4

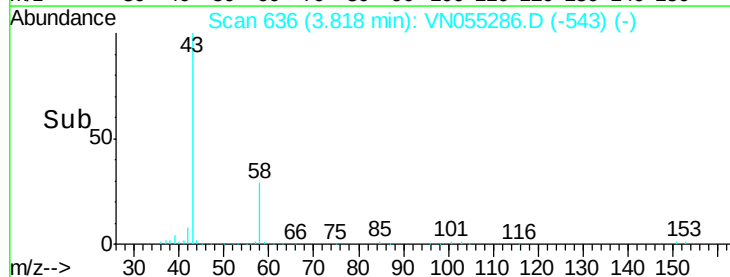
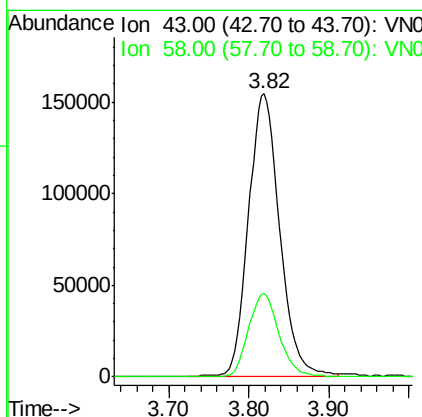
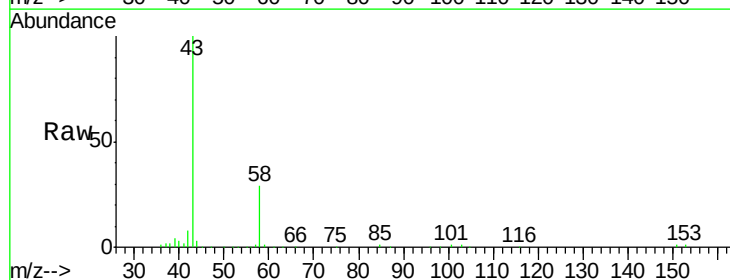
Manual Integrations
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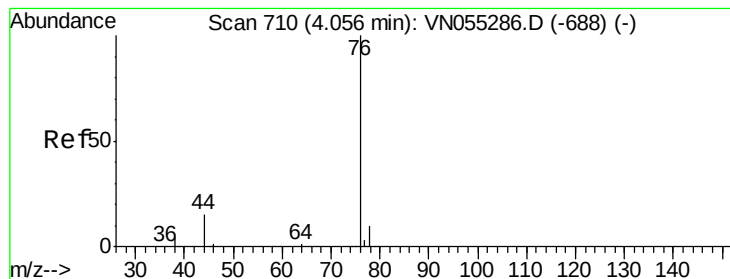
MMDadoda
 4/30/2019 11:59:06 AM



#16
 Acetone
 Concen: 221.627 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.6	35.4





#17

Carbon Disulfide

Concen: 45.861 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 557687

Ion Ratio Lower Upper

76 100

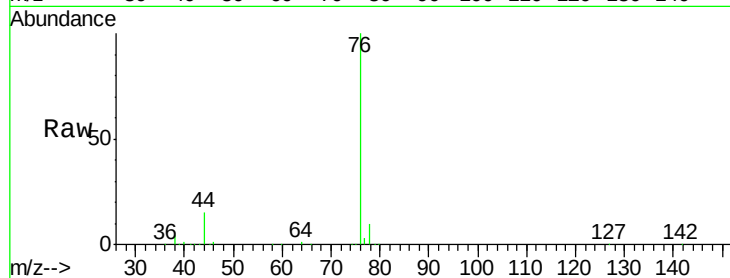
78 9.5 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

250000

200000

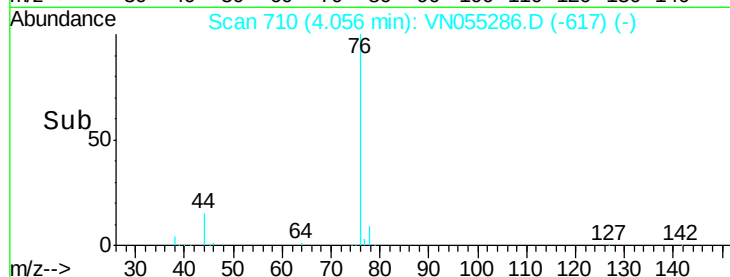
150000

100000

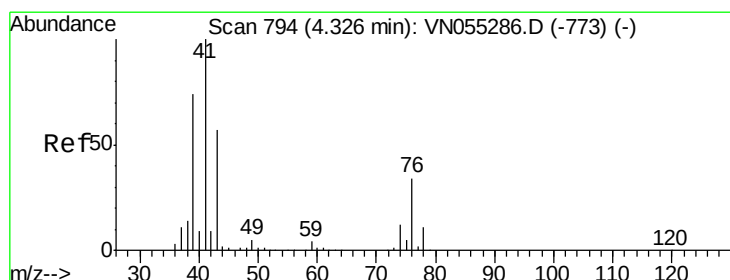
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 41.349 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055286.D

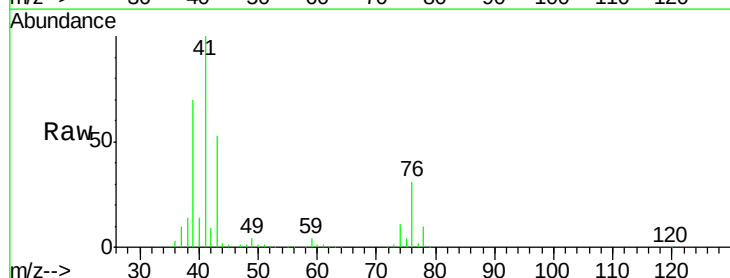
Acq: 29 Apr 2019 11:32

Tgt Ion: 43 Resp: 218424

Ion Ratio Lower Upper

43 100

74 19.8 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

80000

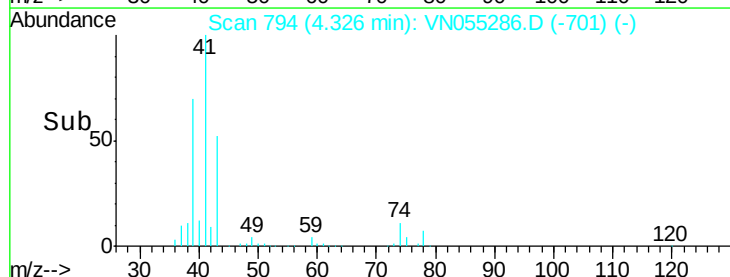
60000

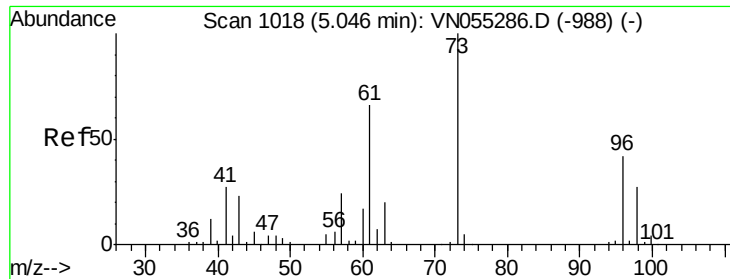
40000

20000

0

Time-->





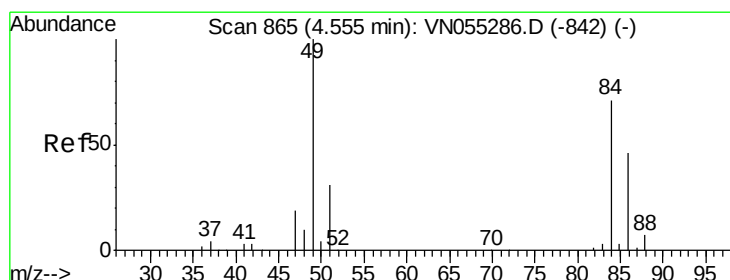
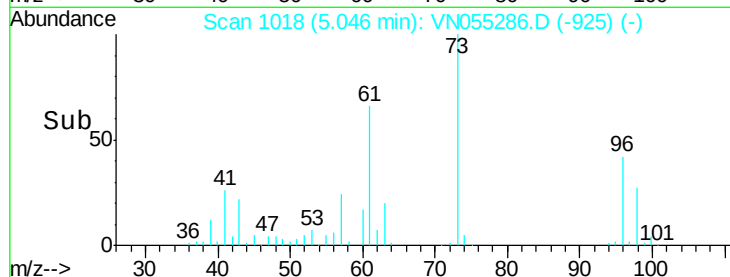
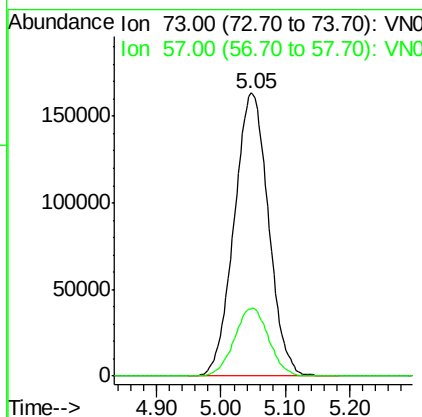
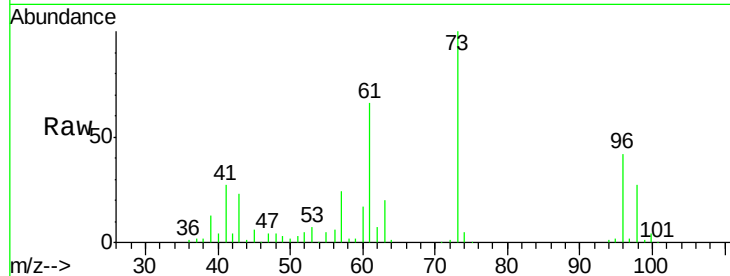
#19
Methyl tert-butyl Ether
Concen: 49.397 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 605763
Ion Ratio Lower Upper
73 100
57 23.9 19.1 28.7

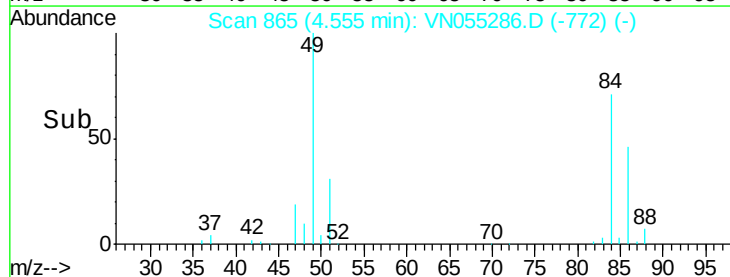
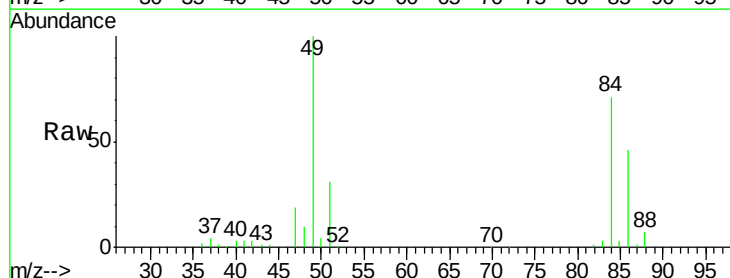
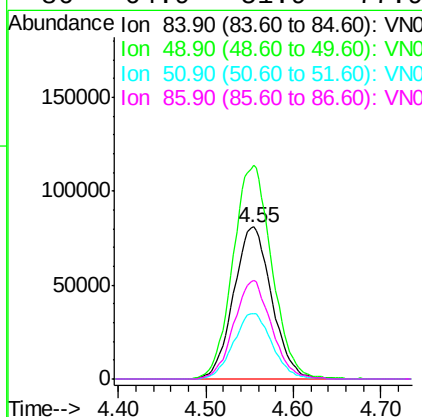
Manual Integrations
APPROVED

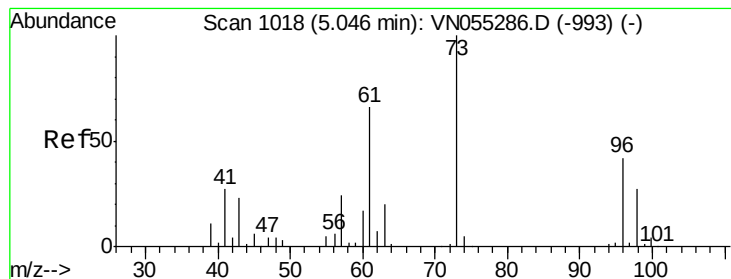
MMDadoda
4/30/2019 11:59:06 AM



#20
Methylene Chloride
Concen: 44.442 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion: 84 Resp: 245247
Ion Ratio Lower Upper
84 100
49 140.5 112.4 168.6
51 43.2 34.6 51.8
86 64.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.678 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

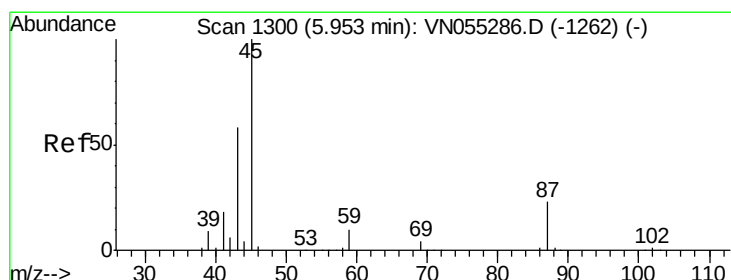
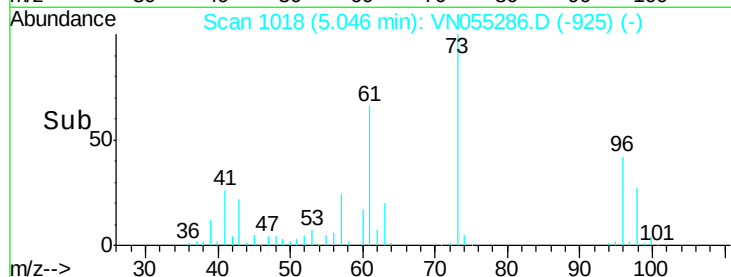
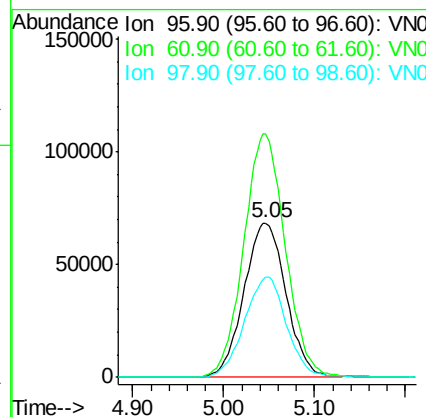
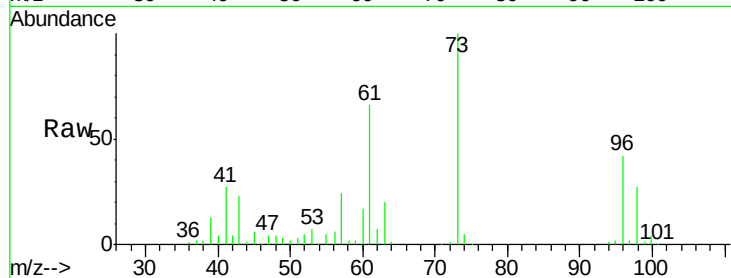
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	219585
Ion	Ratio	Lower	Upper
96	100		
61	157.8	126.2	189.4
98	65.2	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.941 ug/l

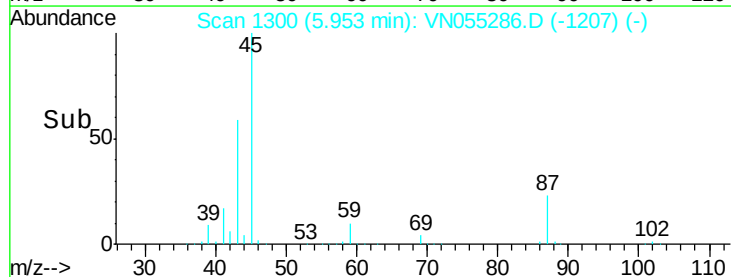
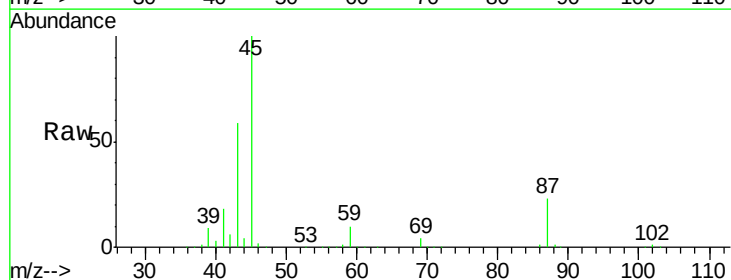
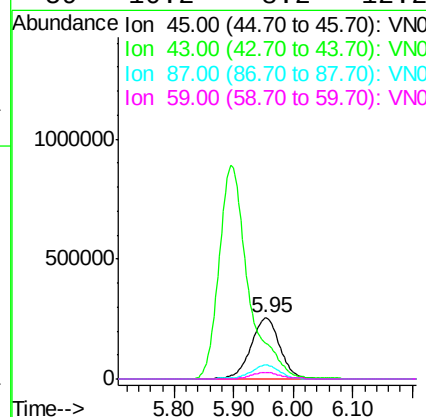
RT: 5.95 min Scan# 1300

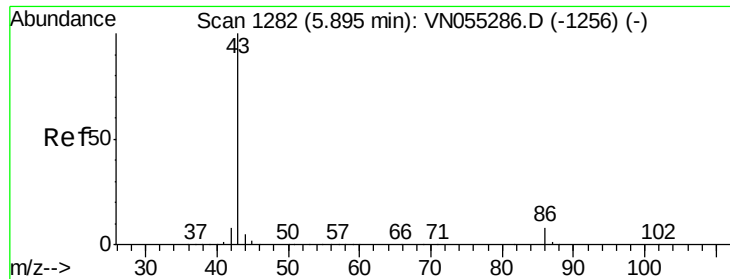
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	45	Resp:	875489
Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.6	70.0
87	22.6	18.1	27.1
59	10.2	8.2	12.2





#23

Vinyl Acetate

Concen: 259.971 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 3041885

Ion Ratio Lower Upper

43 100

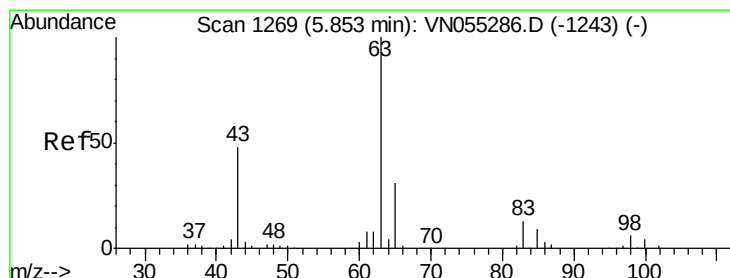
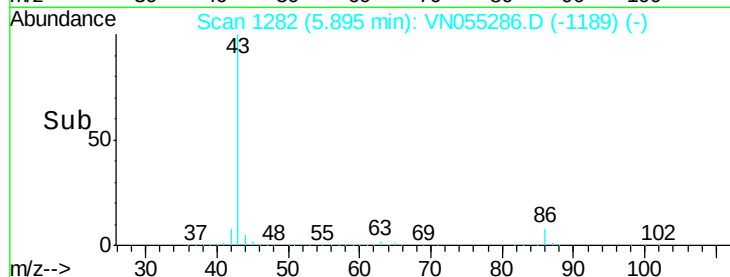
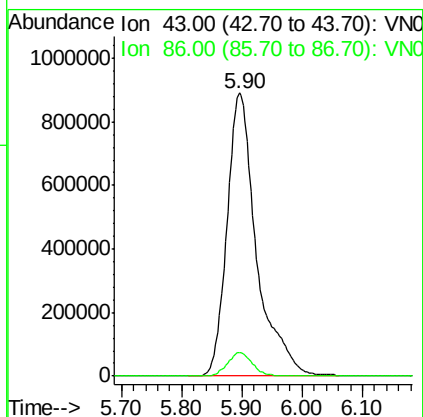
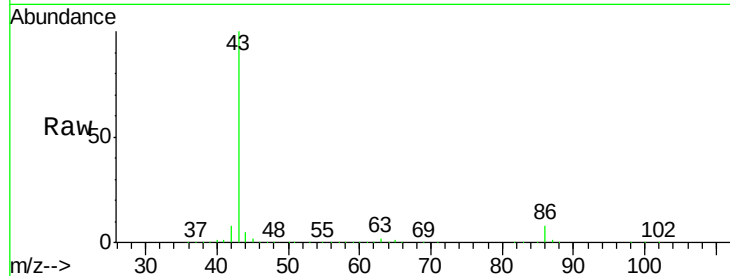
86 8.3 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.677 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

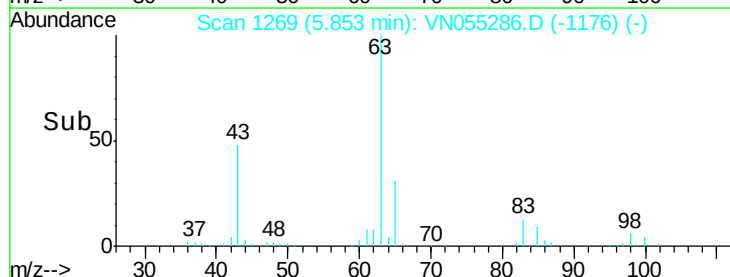
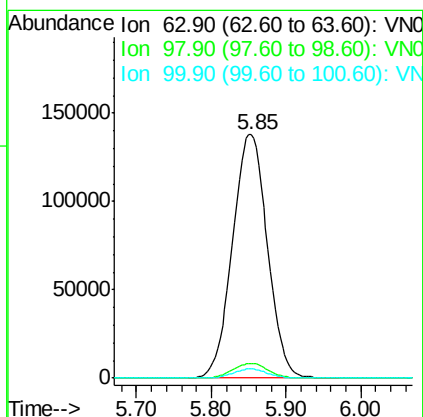
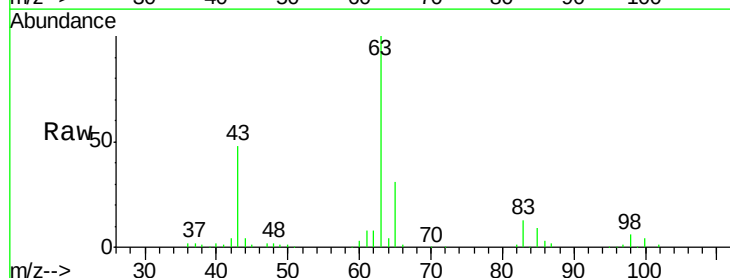
Tgt Ion: 63 Resp: 446810

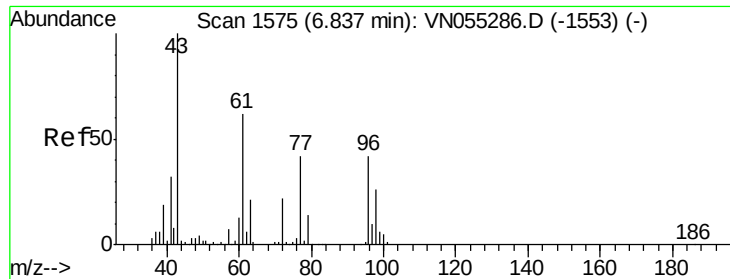
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

100 3.6 1.8 5.4





#25

2-Butanone

Concen: 235.632 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 577061

Ion Ratio Lower Upper

43 100

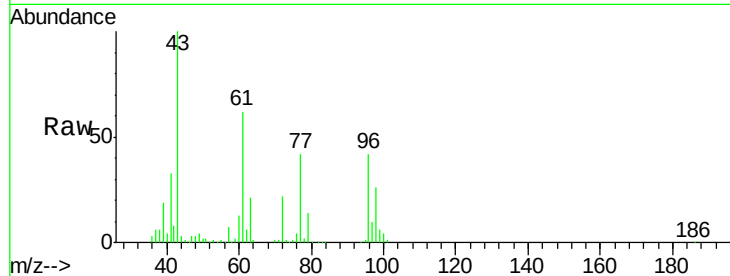
72 22.5 18.0 27.0

Manual Integrations

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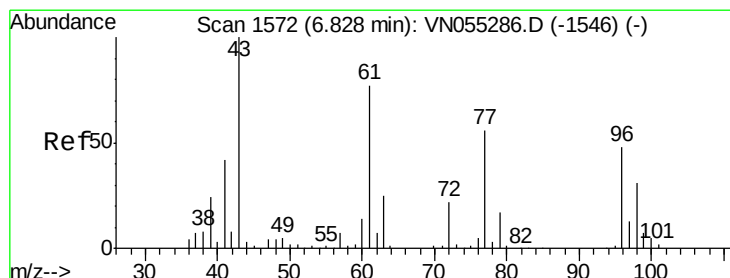
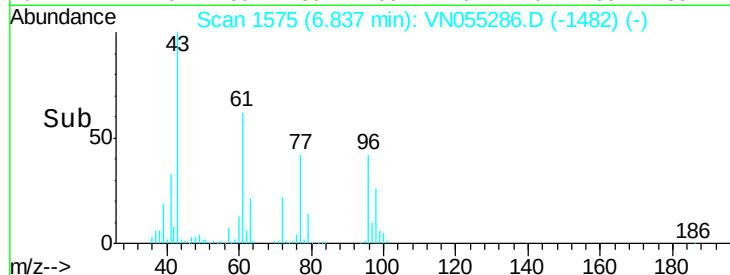
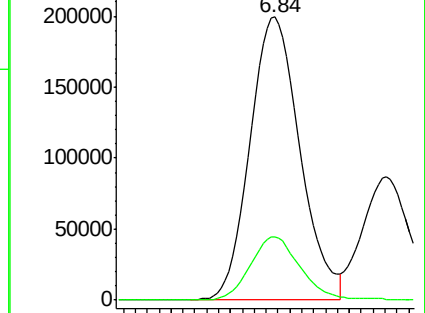
MMDadoda

4/30/2019 11:59:06 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 49.198 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055286.D

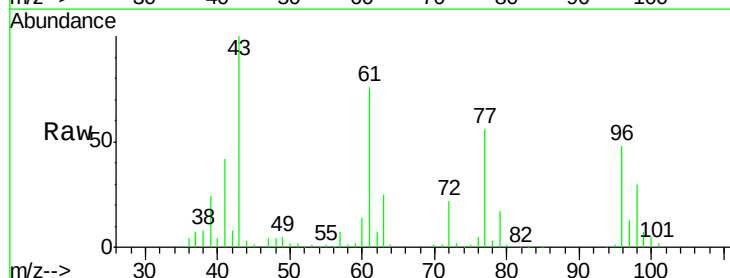
Acq: 29 Apr 2019 11:32

Tgt Ion: 77 Resp: 313741

Ion Ratio Lower Upper

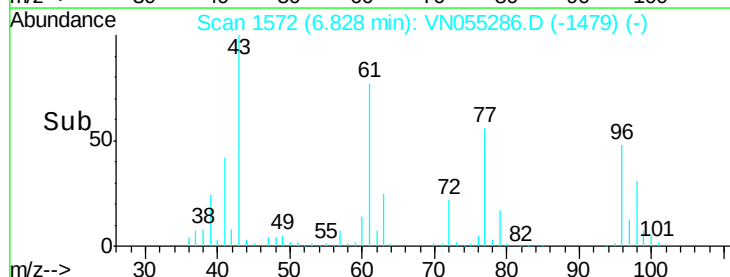
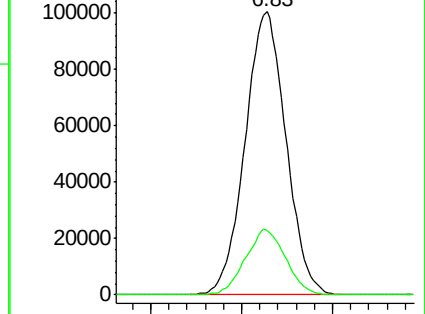
77 100

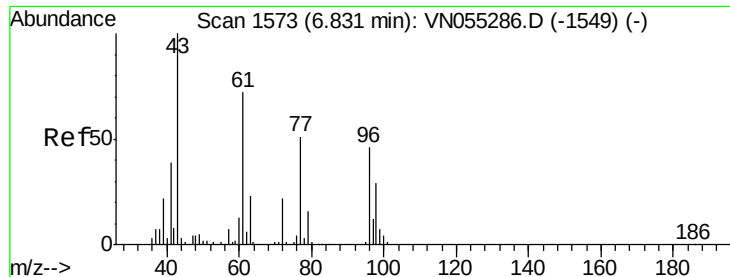
97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 47.568 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

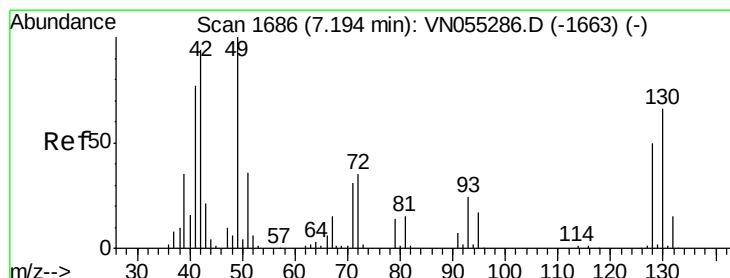
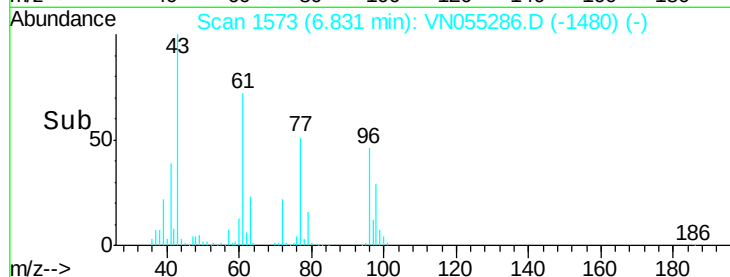
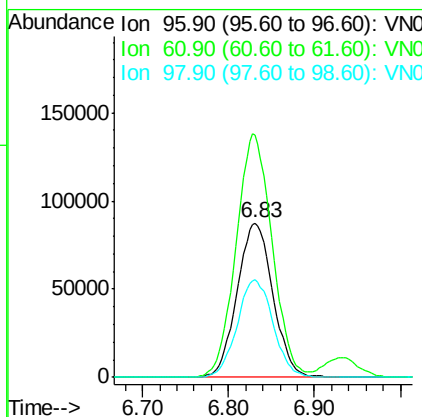
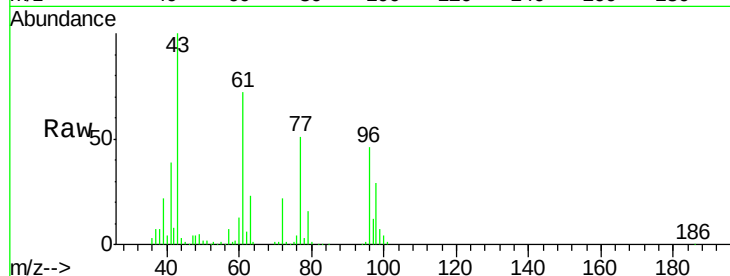
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	253667
Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	316.2
98	63.3	0.0	126.6

Manual Integrations
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#28

Bromochloromethane

Concen: 47.387 ug/l

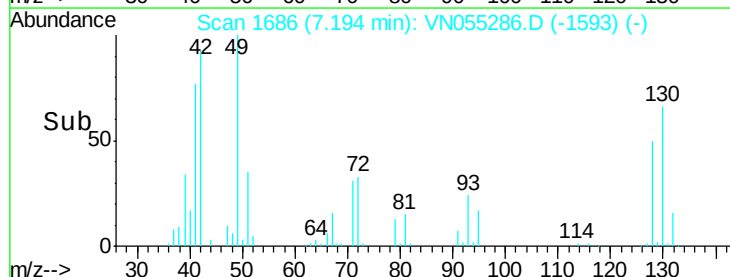
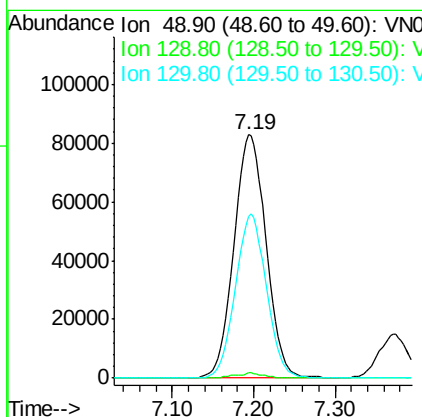
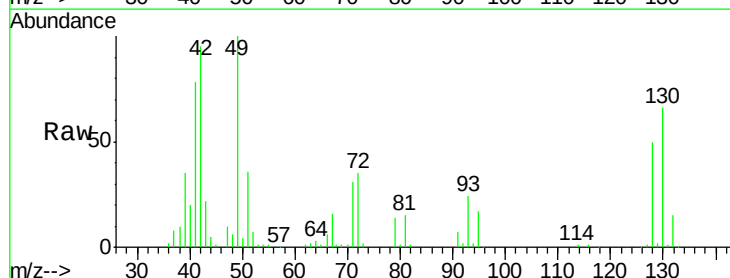
RT: 7.19 min Scan# 1686

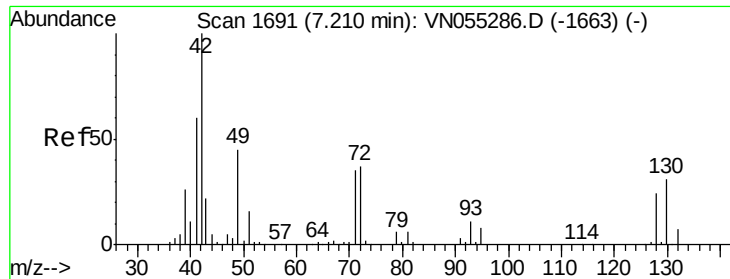
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	49	Resp:	226541
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.4
130	65.0	52.0	78.0





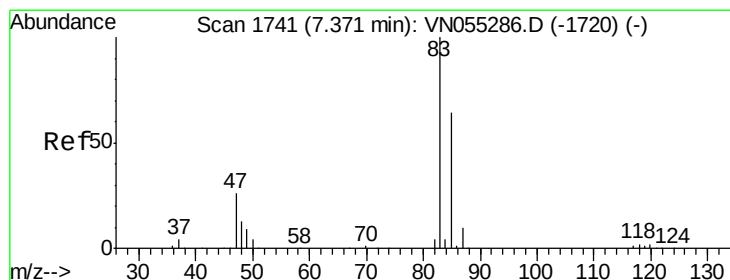
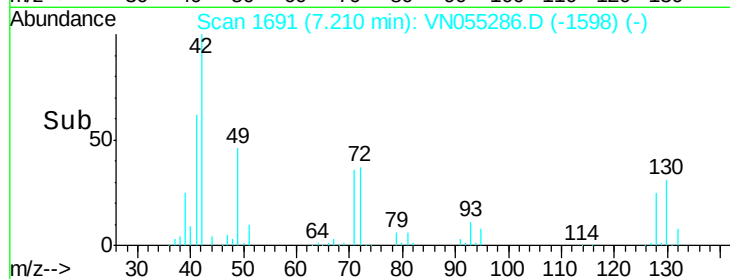
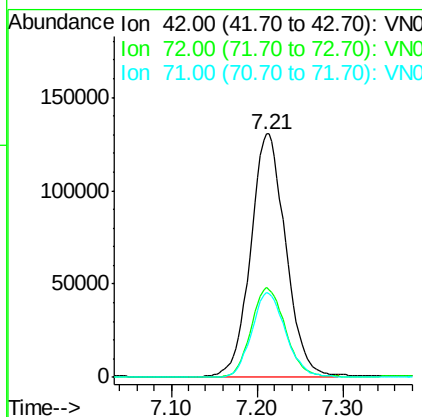
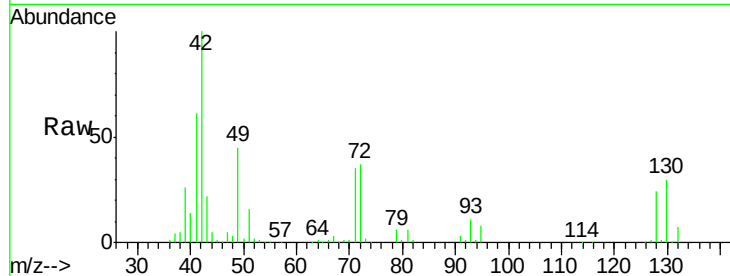
#29
Tetrahydrofuran
Concen: 241.577 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.3	29.0	43.6
71	33.9	27.1	40.7

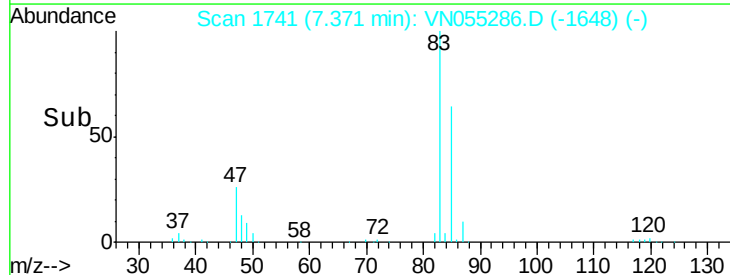
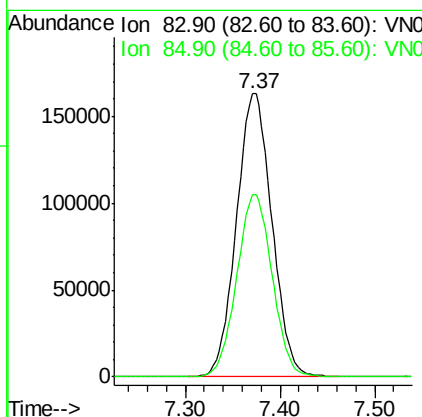
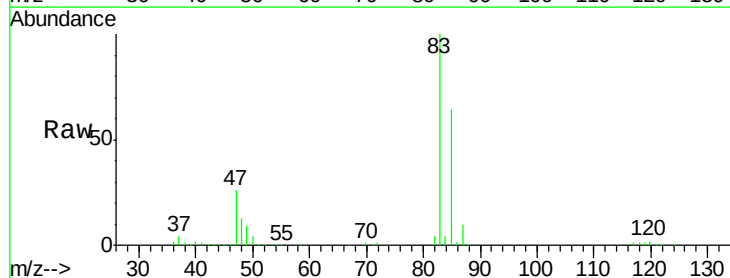
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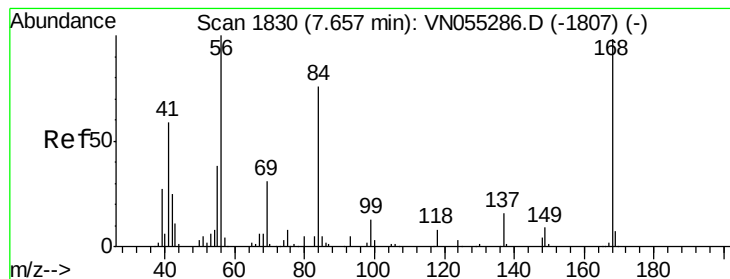
MMDadoda
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#30
Chloroform
Concen: 47.677 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31

Cyclohexane

Concen: 38.860 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

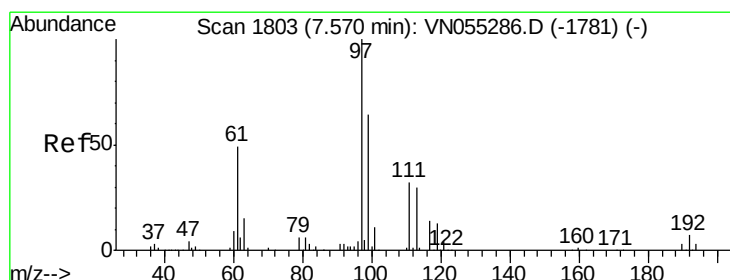
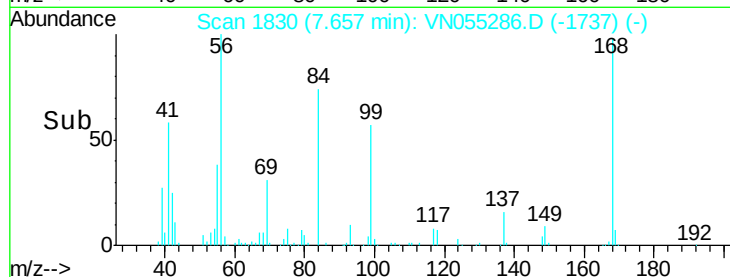
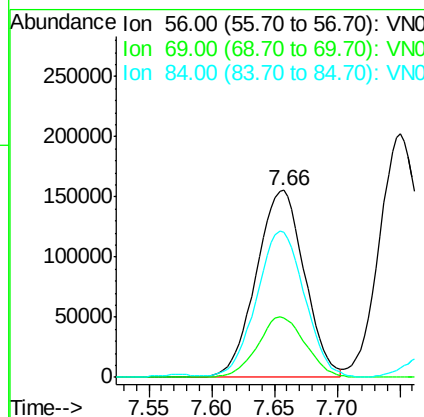
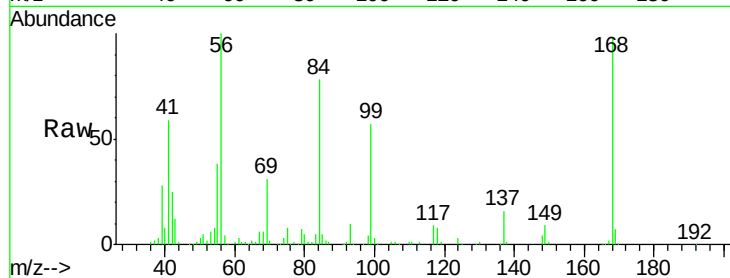
ClientSampleID :

VSTDICCC050

Tot Ion:	56	Resp:	416890
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.2	37.8
84	76.4	61.1	91.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.511 ug/l

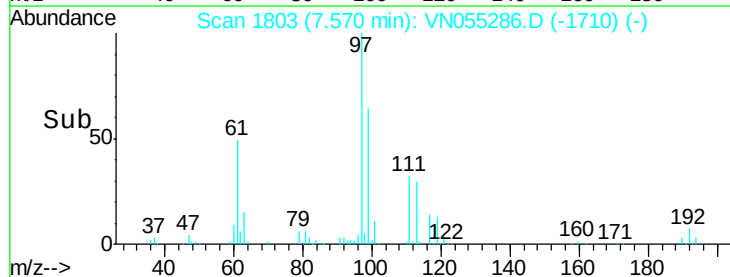
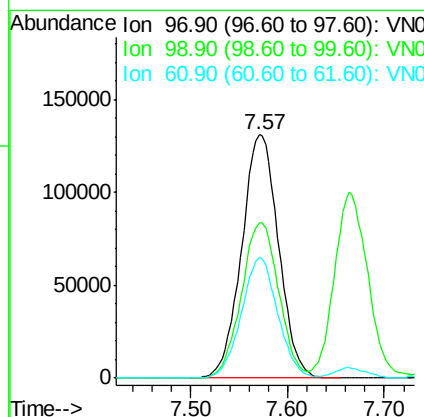
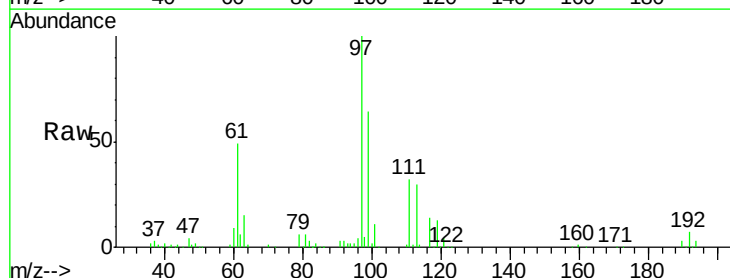
RT: 7.57 min Scan# 1803

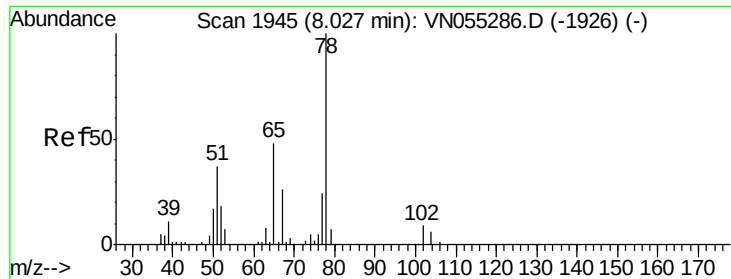
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	97	Resp:	347189
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	48.8	39.0	58.6





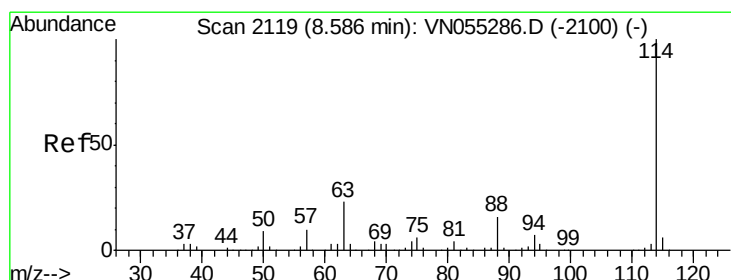
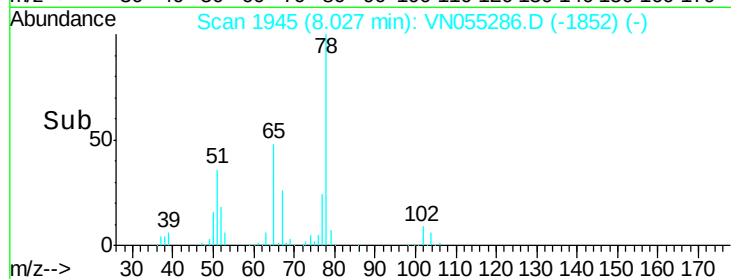
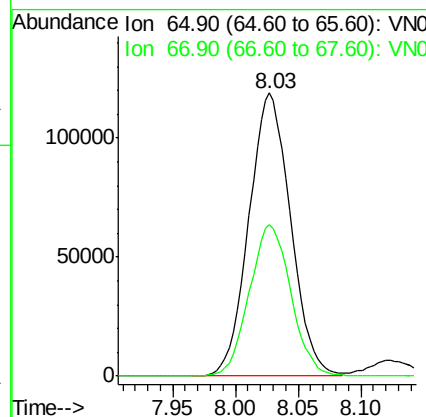
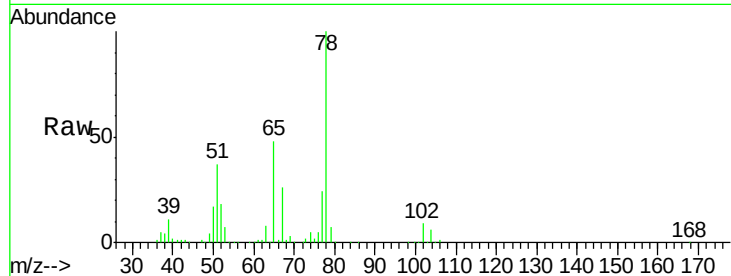
#33
 1,2-Dichloroethane-d4
 Concen: 47.299 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	275281		
67	53.4	0.0	106.8	

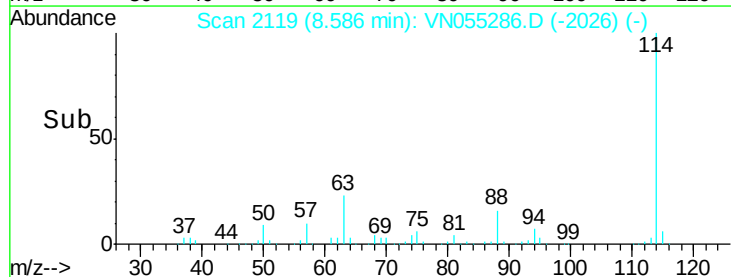
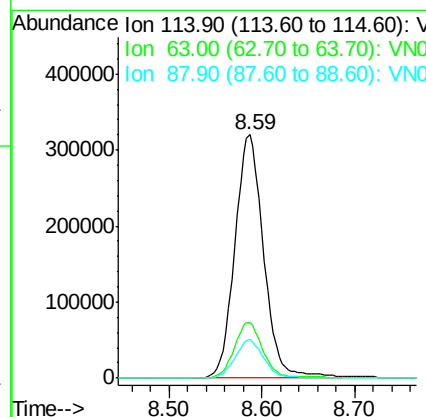
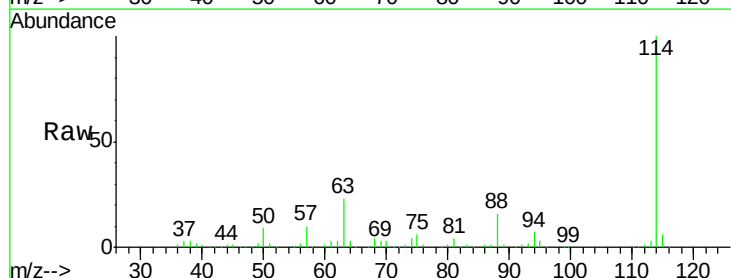
Manual Integrations
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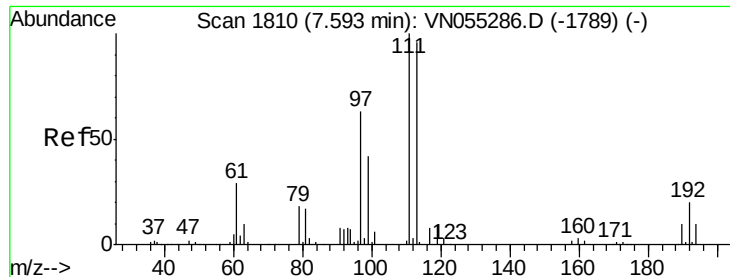
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	689778		
63	22.6	0.0	45.2	
88	15.8	0.0	31.6	





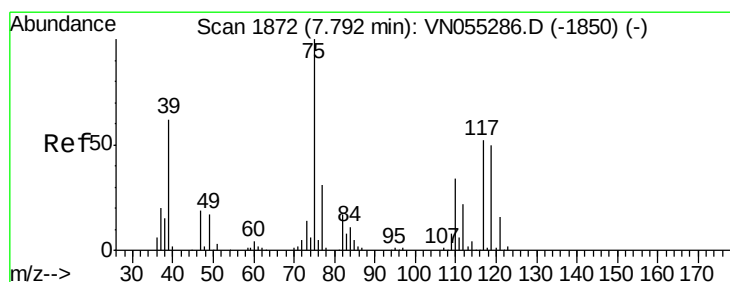
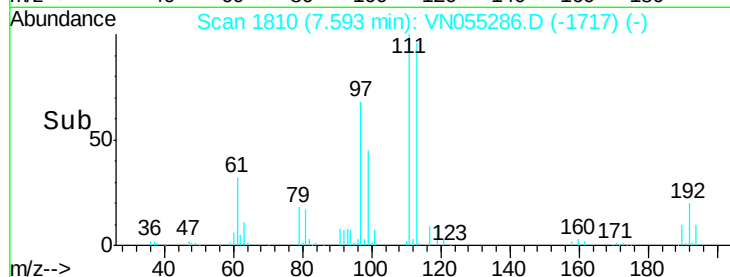
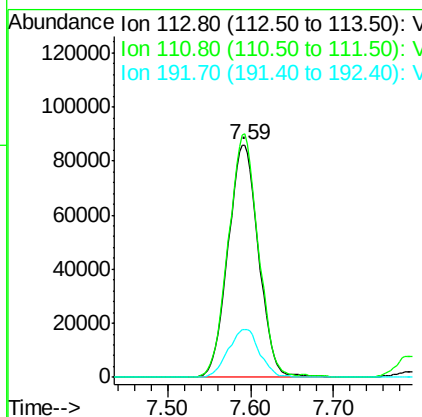
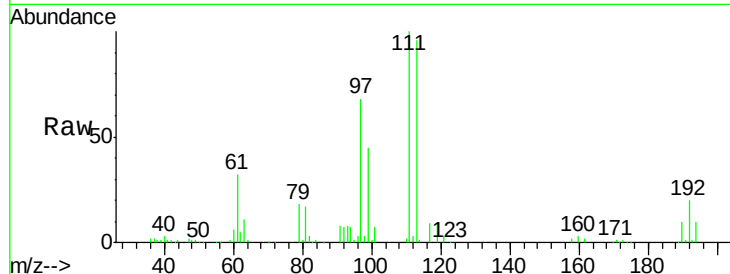
#35
 Dibromofluoromethane
 Concen: 47.407 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	82.3	123.5	
192	21.3	17.0	25.6	

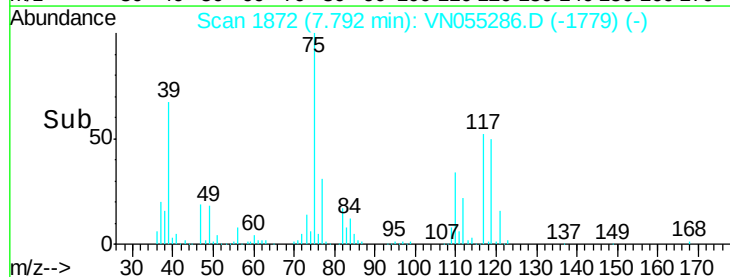
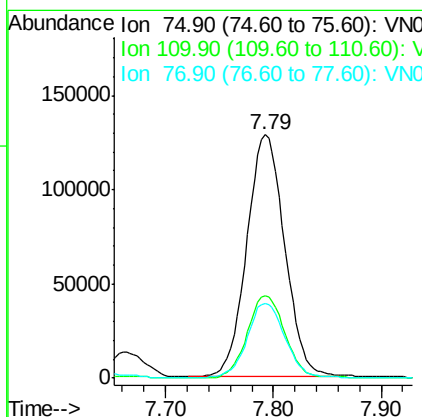
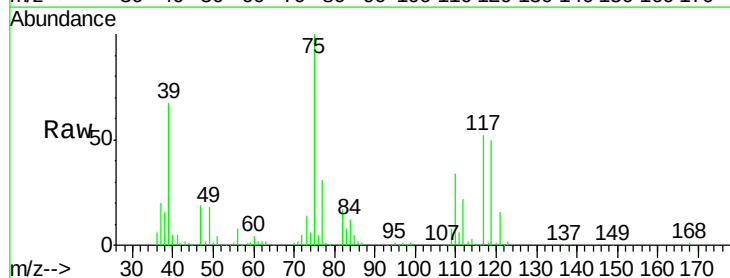
Manual Integrations
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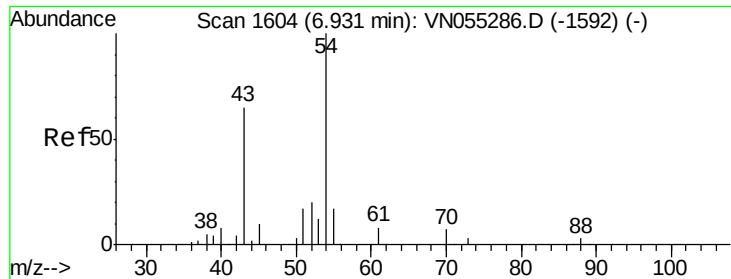
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#36
 1,1-Dichloropropene
 Concen: 49.744 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.6	16.8	50.4	
77	31.3	25.0	37.6	





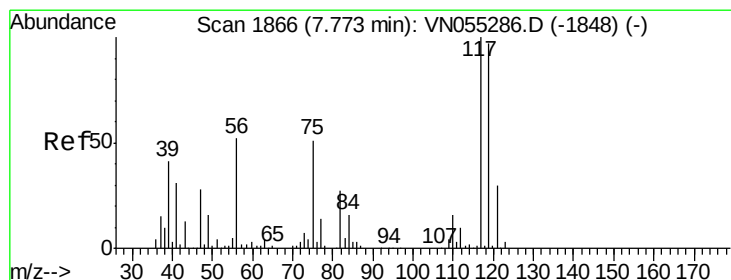
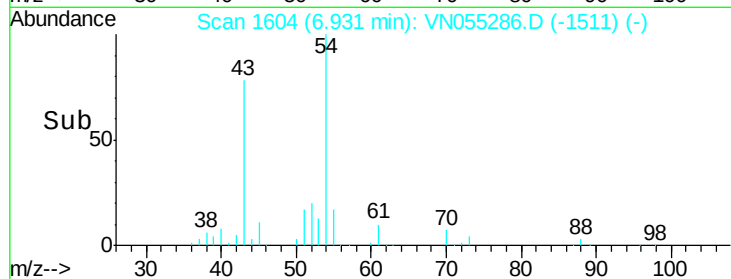
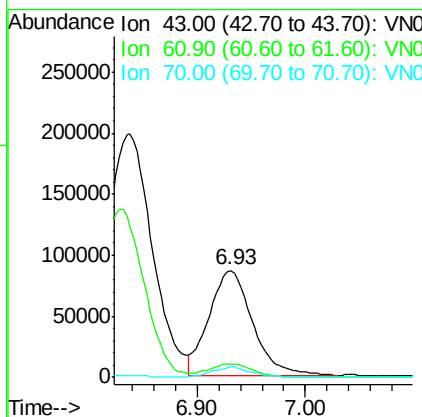
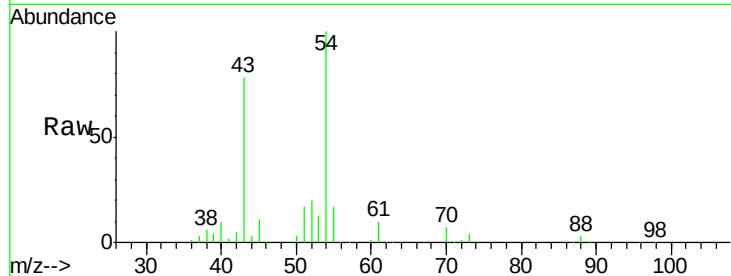
#37
Ethyl Acetate
Concen: 47.577 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	43	61	70
Ion	43	61	70
Ratio	100	13.0	8.3
Lower		10.4	6.6
Upper		15.6	10.0

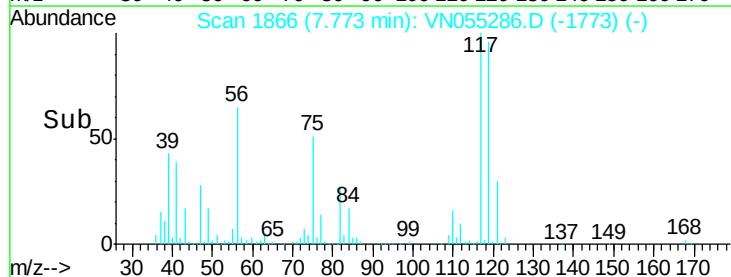
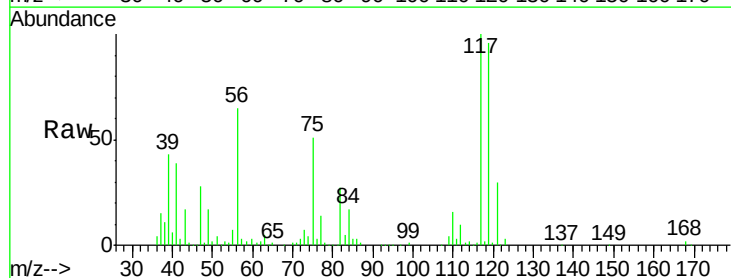
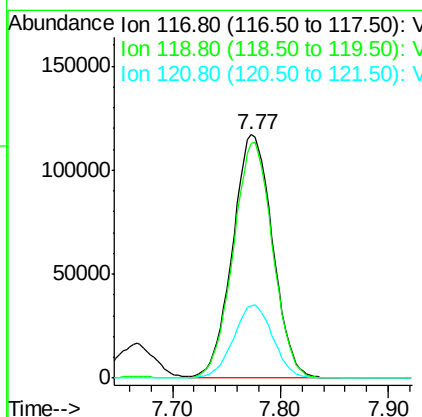
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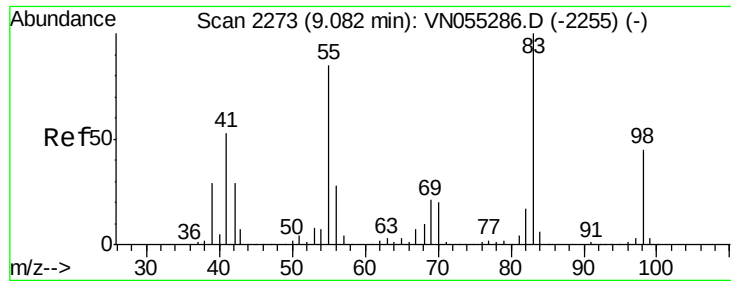
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#38
Carbon Tetrachloride
Concen: 50.510 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	117	119	121
Ion	117	119	121
Ratio	100	96.3	29.8
Lower		77.0	23.8
Upper		115.6	35.8





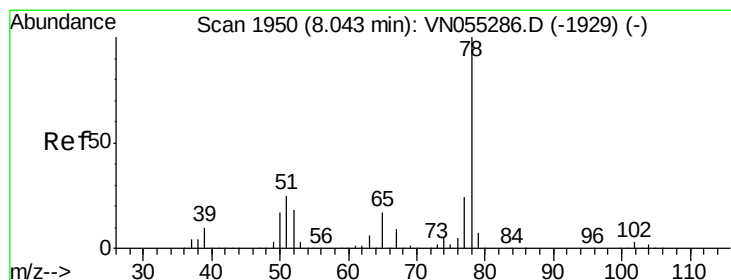
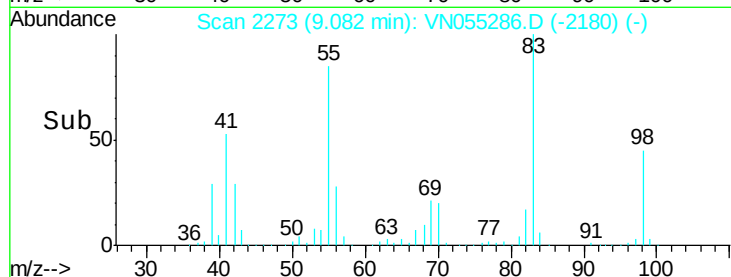
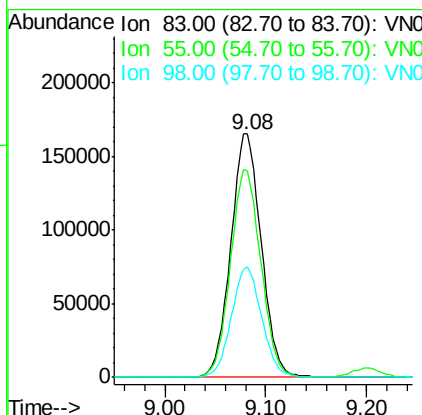
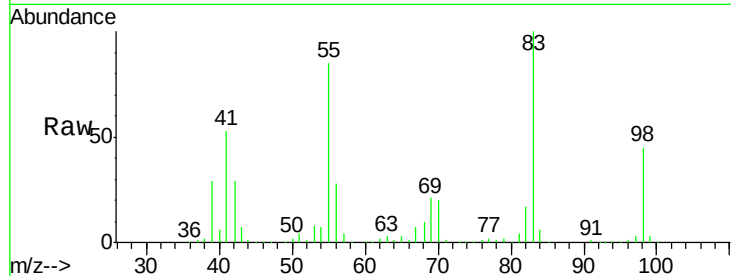
#39
Methylvlcyclohexane
Concen: 46.175 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	347411
Ion Ratio	Lower	Upper	
83	100		
55	84.7	67.8	101.6
98	45.3	36.2	54.4

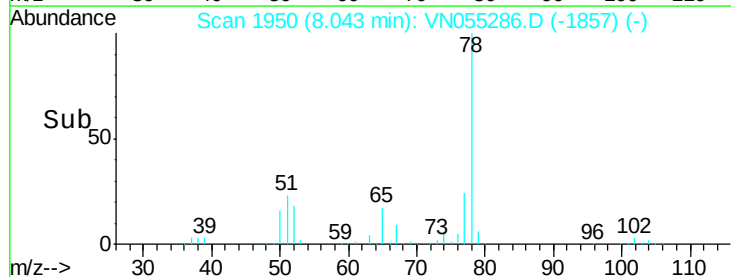
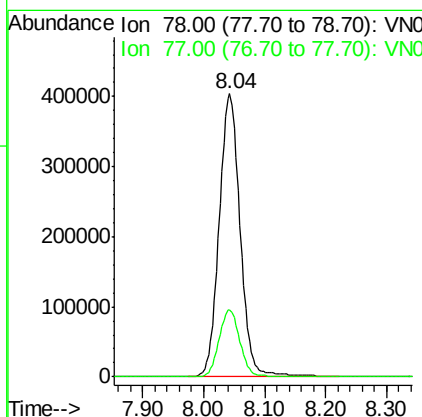
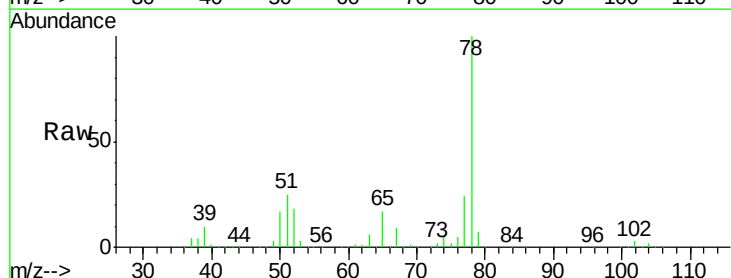
Manual Integrations
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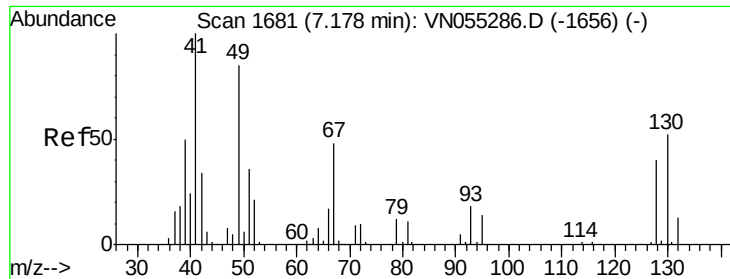
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#40
Benzene
Concen: 49.043 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	78	Resp	962082
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.0	28.6





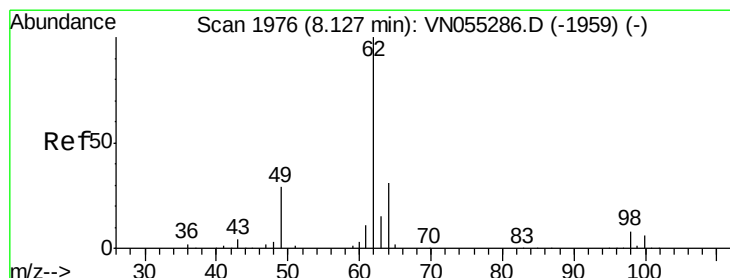
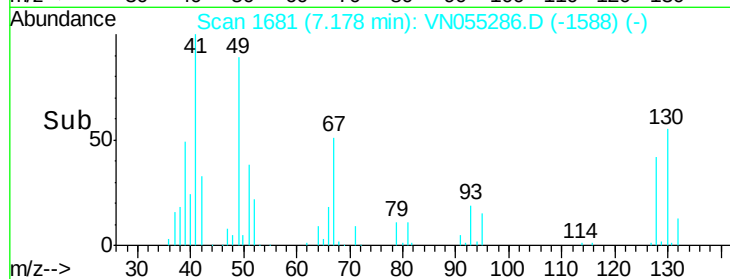
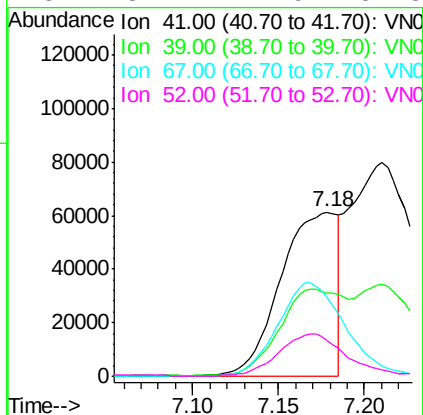
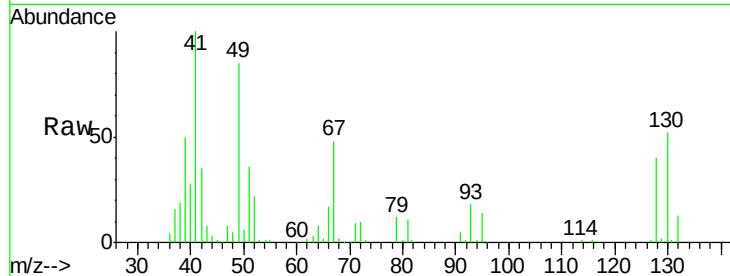
#41
Methacrylonitrile
Concen: 52.257 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	140128
Ion Ratio	Lower	Upper	
41	100		
39	60.6	48.5	72.7
67	68.6	54.9	82.3
52	31.1	24.9	37.3

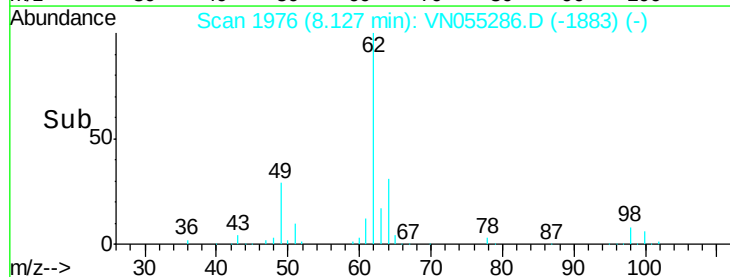
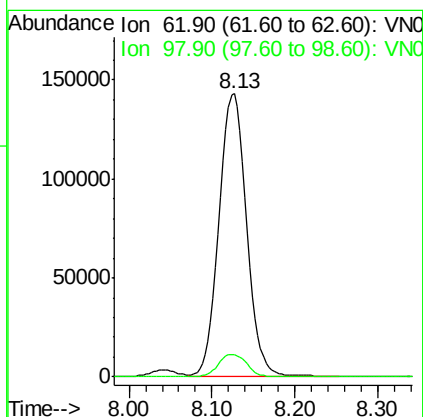
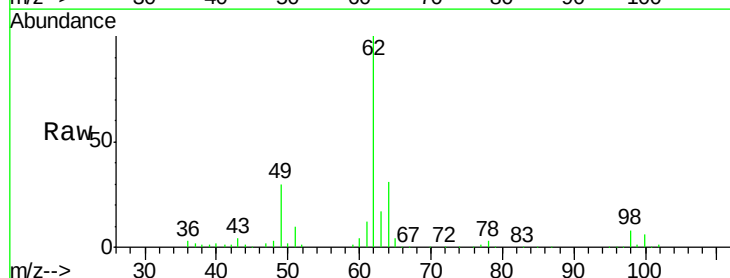
Manual Integrations
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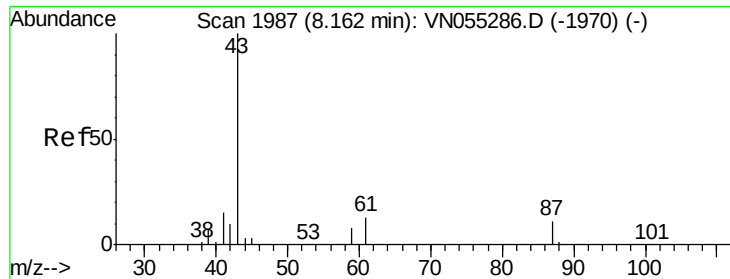
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.422 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	62	Resp	331513
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	16.4





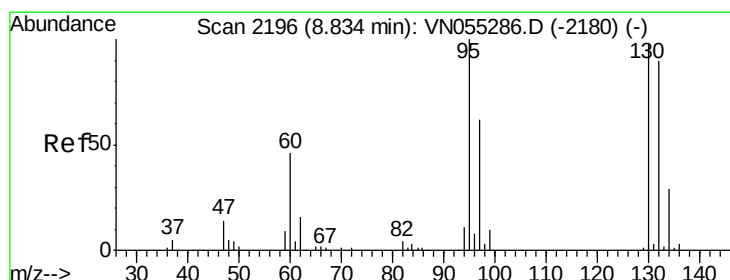
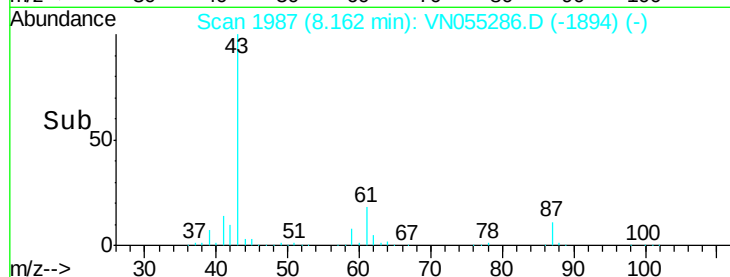
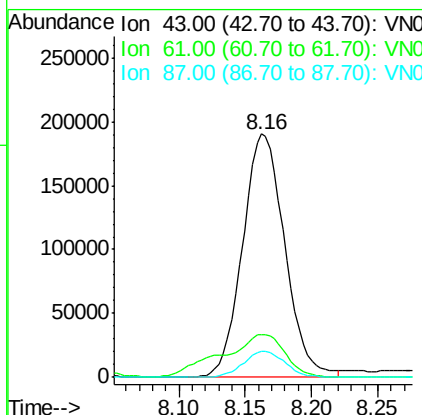
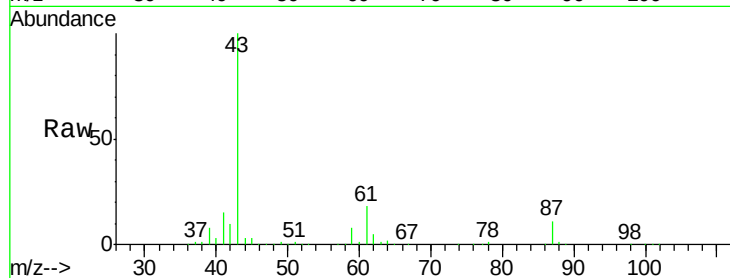
#43
Isopropyl Acetate
Concen: 50.703 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.8	31.2
87	10.6	8.5	12.7

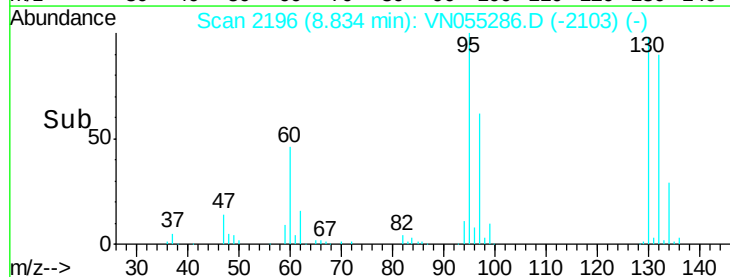
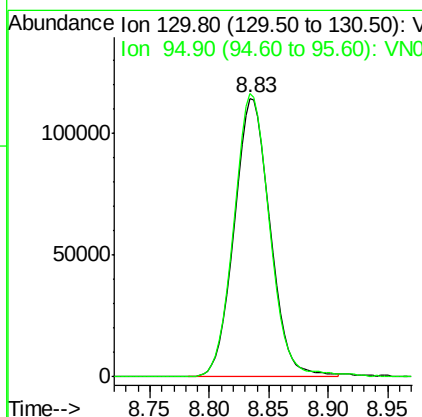
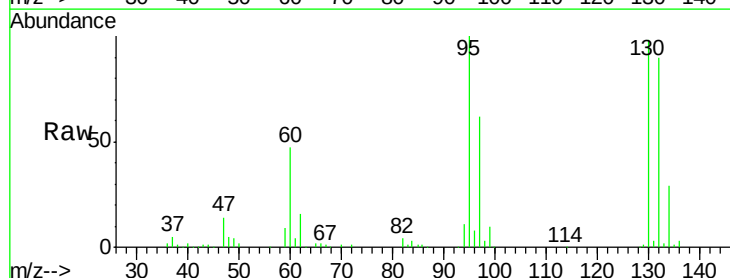
Manual Integrations
APPROVED

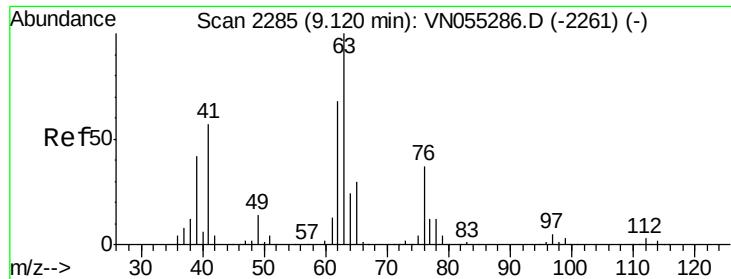
MMDadoda
4/30/2019 11:59:06 AM



#44
Trichloroethene
Concen: 48.252 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	203.4





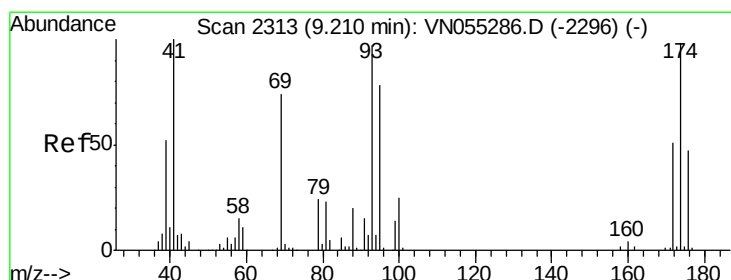
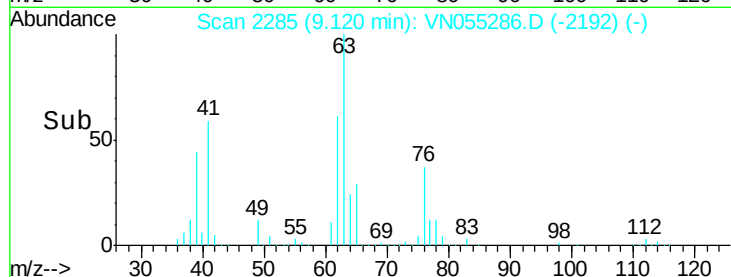
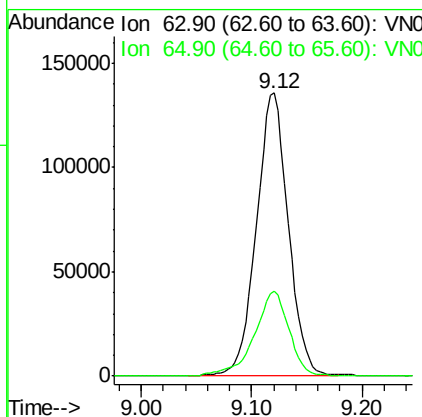
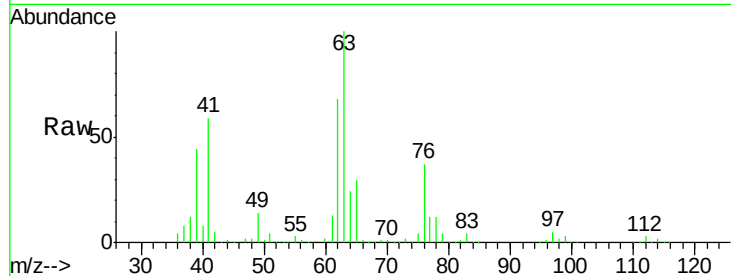
#45
 1,2-Dichloropropane
 Concen: 49.263 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 273539
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9

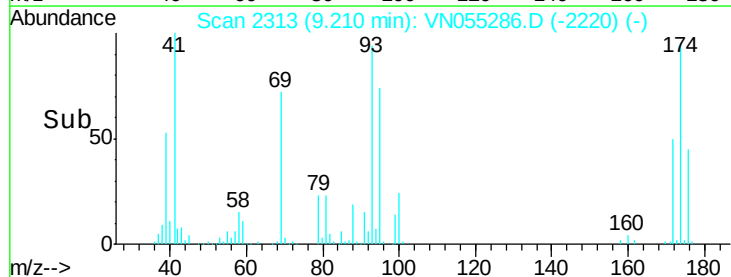
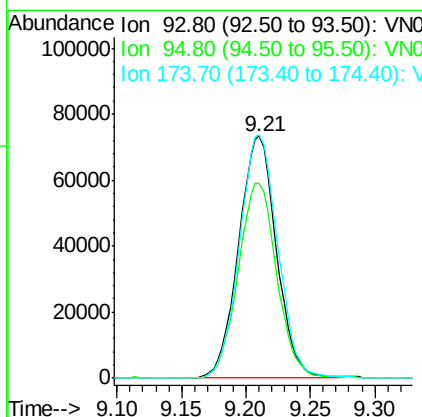
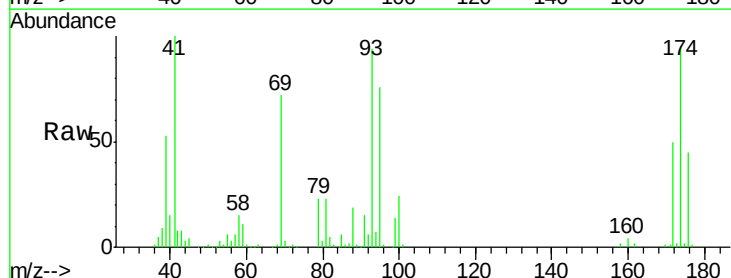
Manual Integrations
 APPROVED

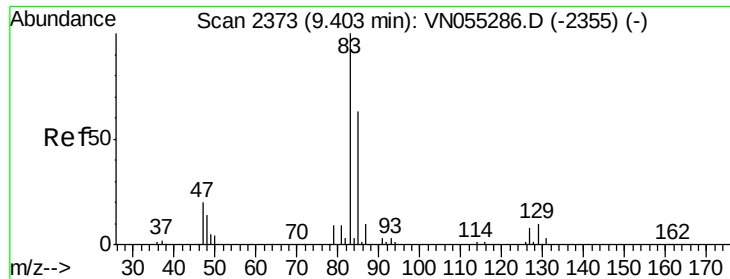
MMDadoda
 4/30/2019 11:59:06 AM



#46
 Dibromomethane
 Concen: 47.305 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion: 93 Resp: 149551
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.7 98.5
 174 101.9 81.5 122.3





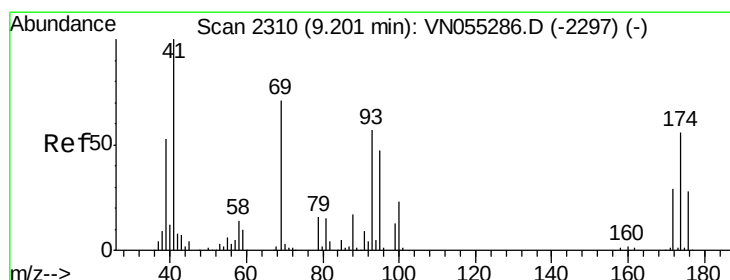
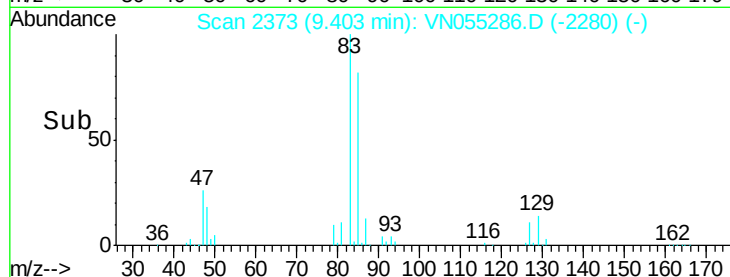
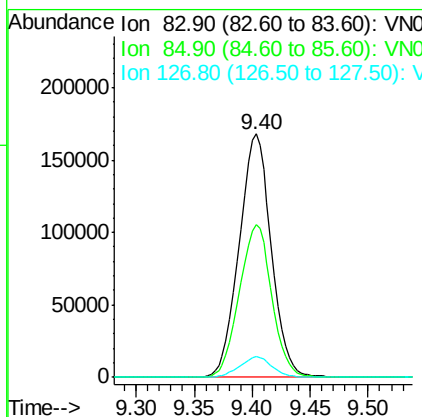
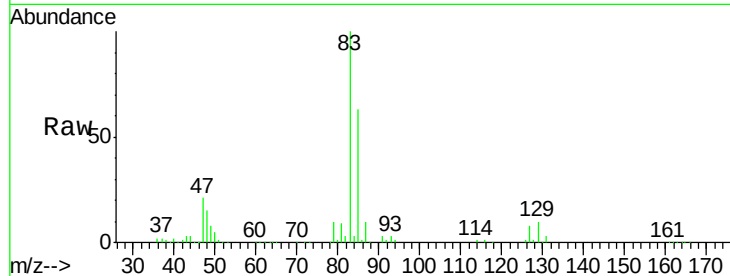
#47
Bromodichloromethane
Concen: 50.947 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	323908
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.1	75.1
127	8.4	6.7	10.1

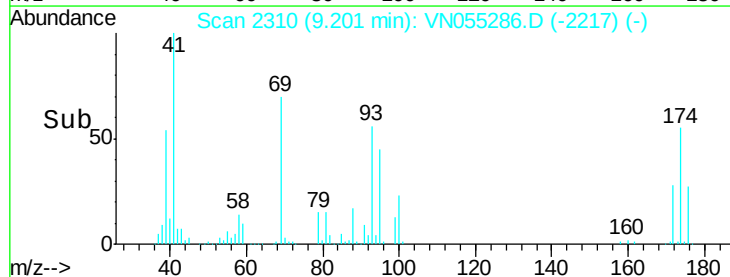
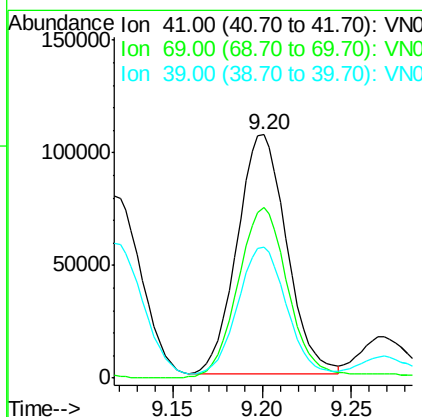
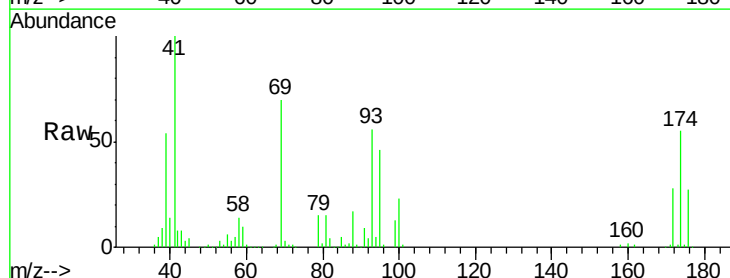
Manual Integrations
APPROVED

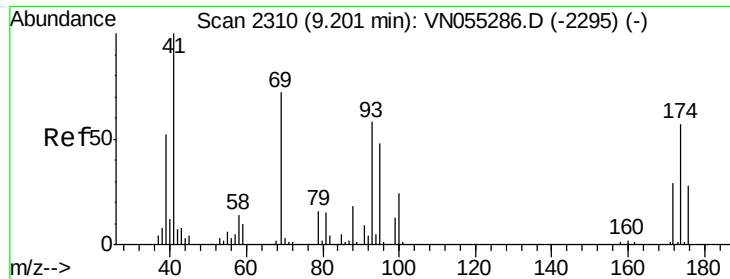
MMDadoda
4/30/2019 11:59:06 AM



#48
Methyl methacrylate
Concen: 50.776 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	41	Resp	205652
Ion	Ratio	Lower	Upper
41	100		
69	73.2	58.6	87.8
39	54.7	43.8	65.6





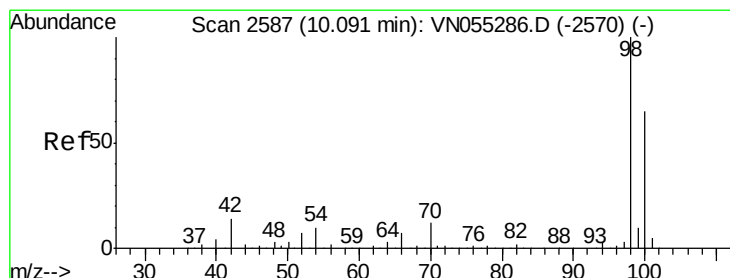
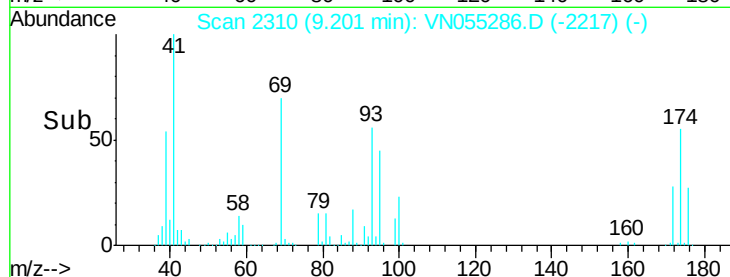
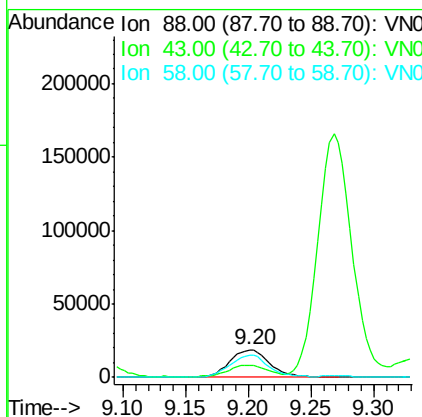
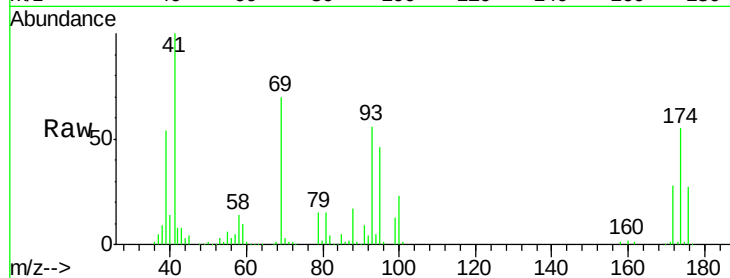
#49
1,4-Dioxane
Concen: 912.533 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	41692
Ion	Ratio	Lower	Upper
88	100		
43	41.6	33.3	49.9
58	78.4	62.7	94.1

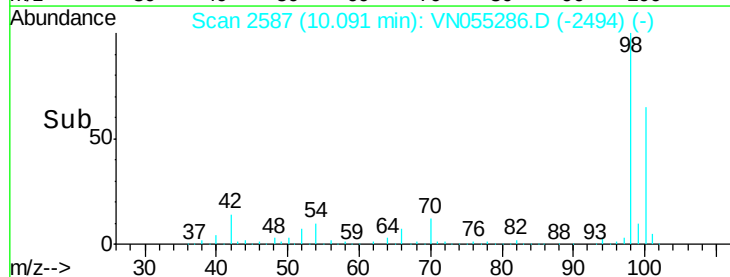
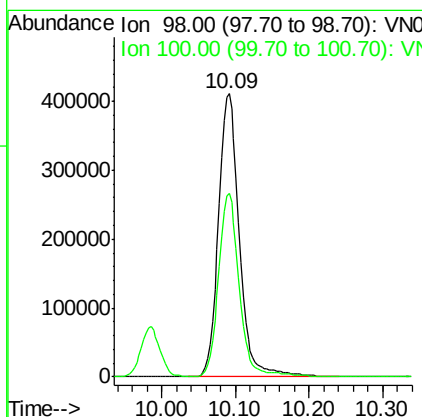
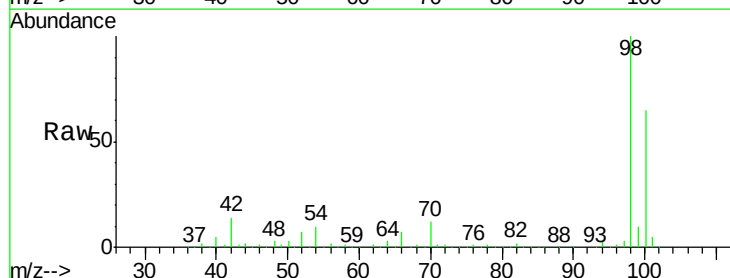
Manual Integrations
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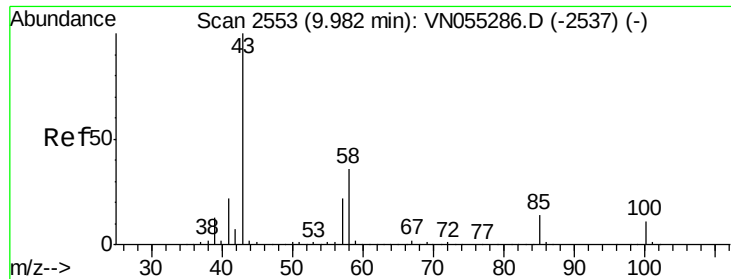
MMDadoda
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#50
Toluene-d8
Concen: 47.059 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	98	Resp	807990
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 245.720 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1173751

Ion Ratio Lower Upper

43 100

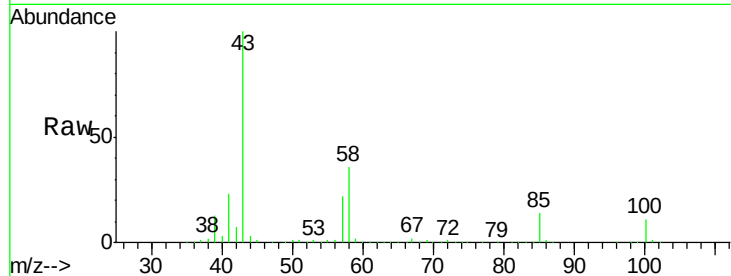
58 35.6 28.5 42.7

Manual Integrations

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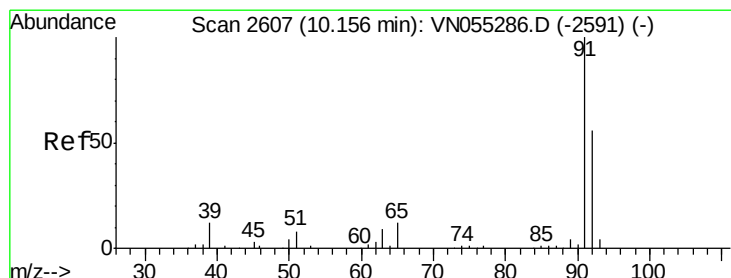
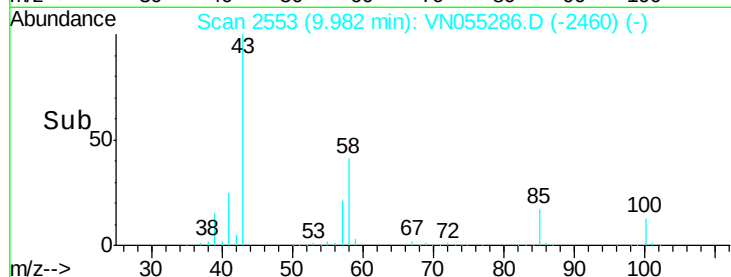
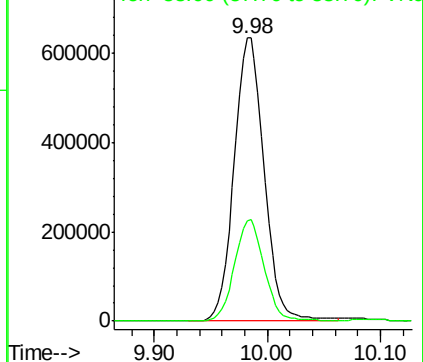
MMDadoda

4/30/2019 11:59:06 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.667 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055286.D

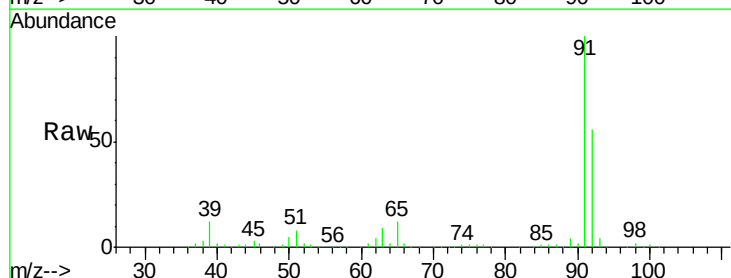
Acq: 29 Apr 2019 11:32

Tgt Ion: 92 Resp: 556920

Ion Ratio Lower Upper

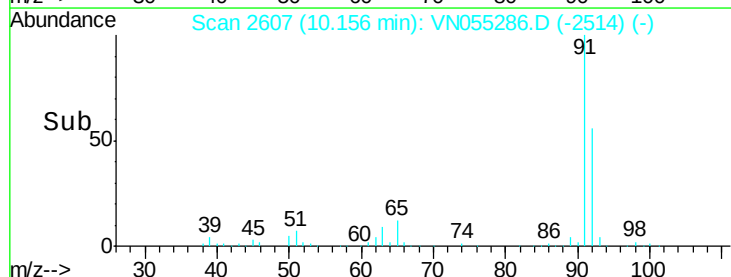
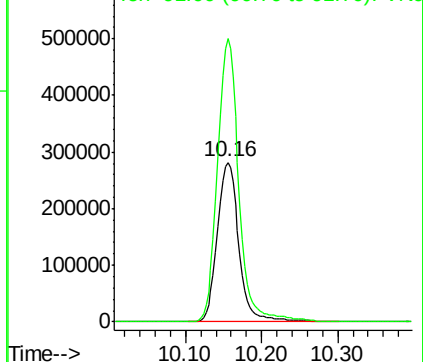
92 100

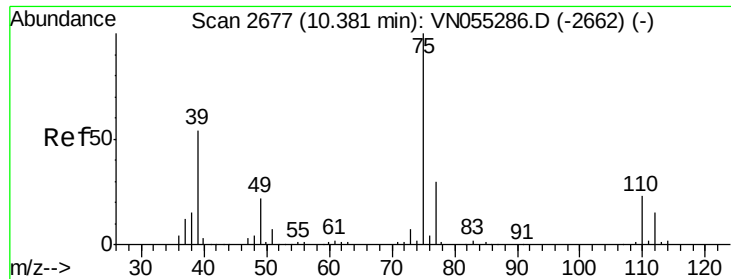
91 175.1 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





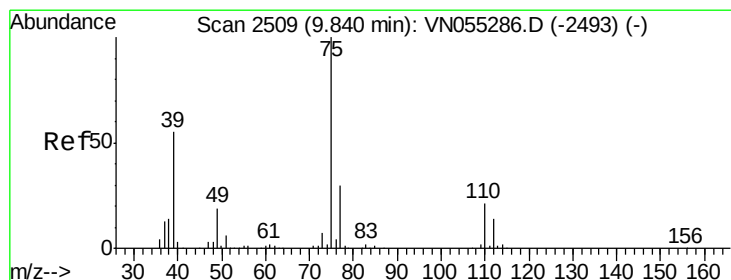
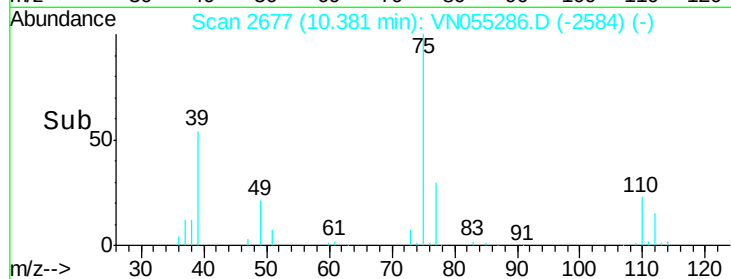
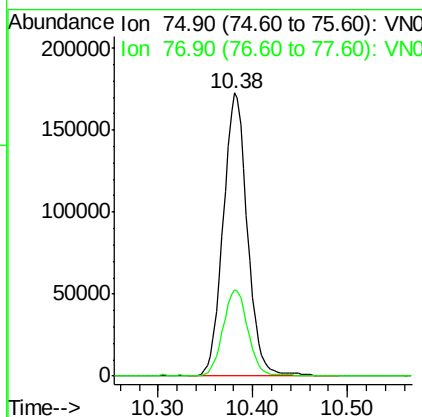
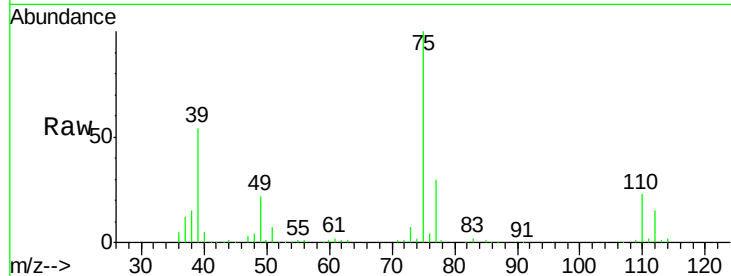
#53
t-1,3-Dichloropropene
Concen: 52.656 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.4	36.6

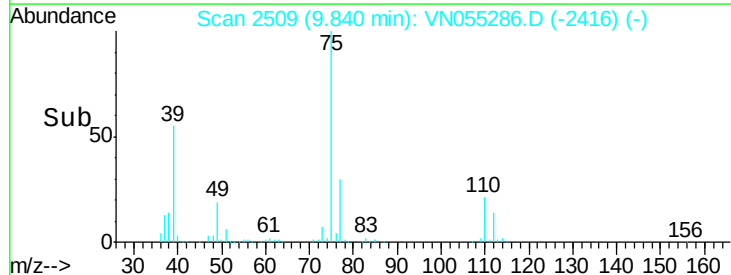
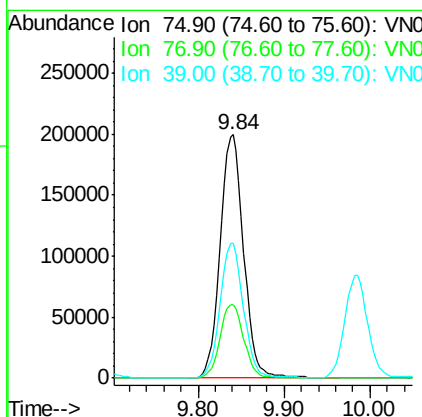
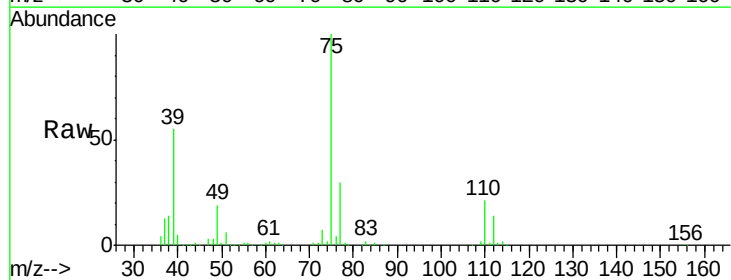
Manual Integrations
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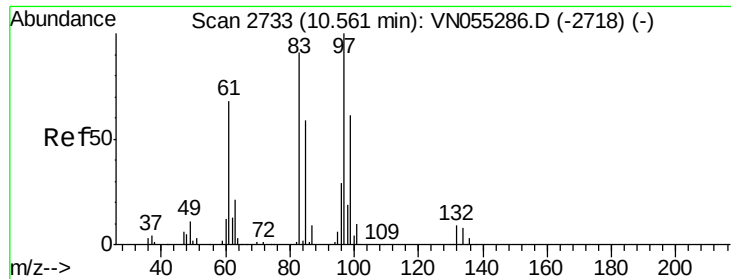
MMDadoda
4/30/2019 11:59:06 AM



#54
cis-1,3-Dichloropropene
Concen: 52.325 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.2	36.2
39	55.2	44.2	66.2





#55

1,1,2-Trichloroethane

Concen: 48.440 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

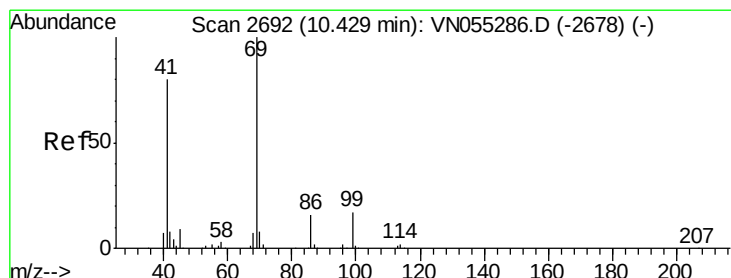
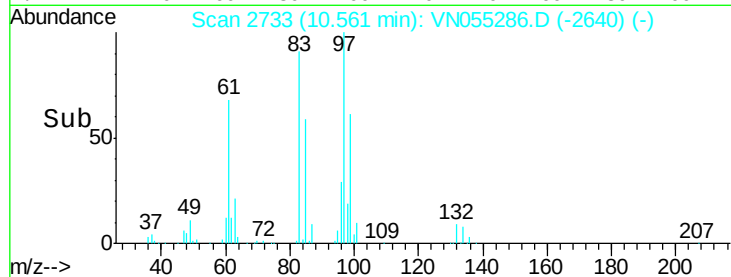
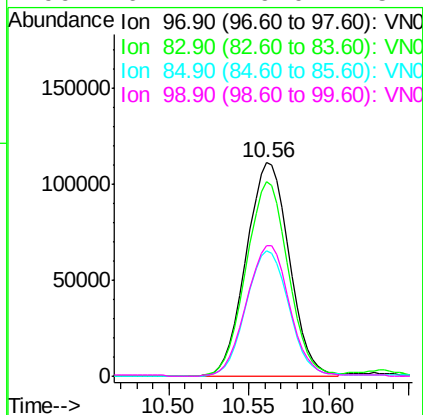
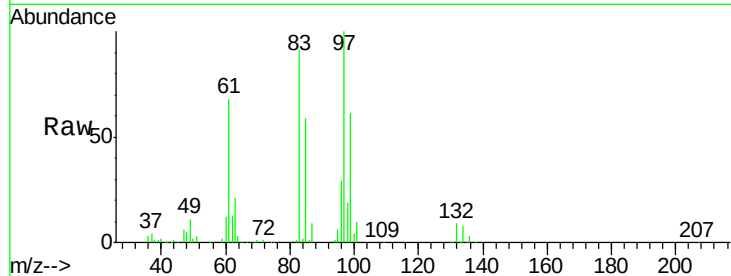
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	205552
Ion	Ratio	Lower	Upper
97	100		
83	91.0	72.8	109.2
85	58.8	47.0	70.6
99	61.2	49.0	73.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 52.000 ug/l

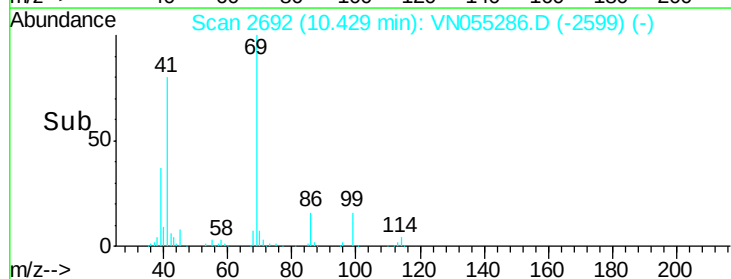
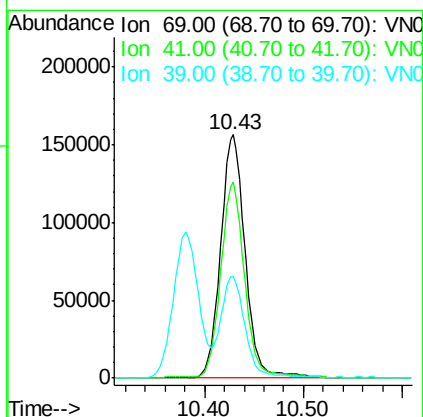
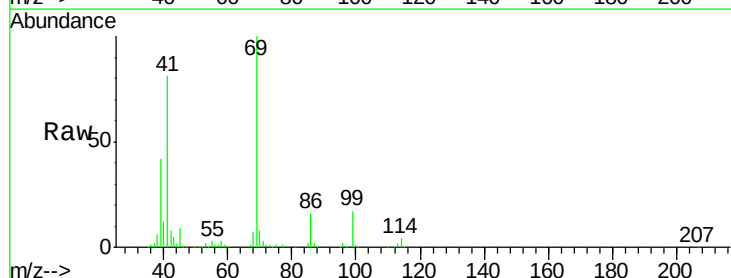
RT: 10.43 min Scan# 2692

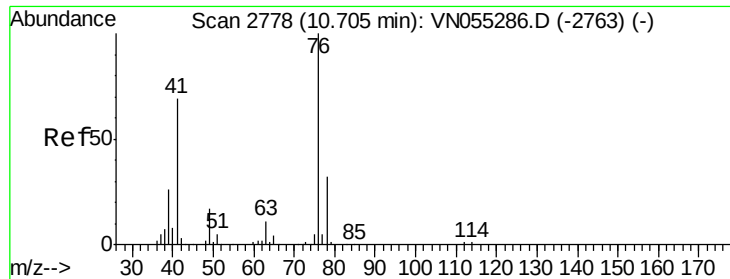
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	69	Resp:	274057
Ion	Ratio	Lower	Upper
69	100		
41	78.4	62.7	94.1
39	40.0	32.0	48.0





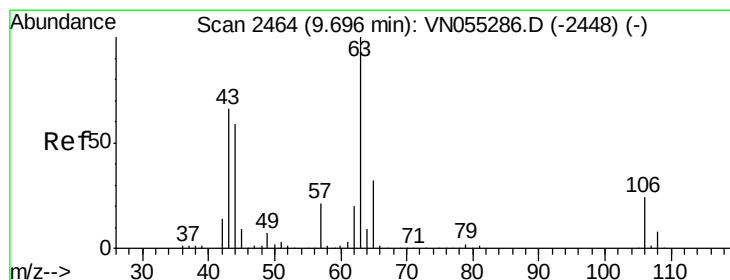
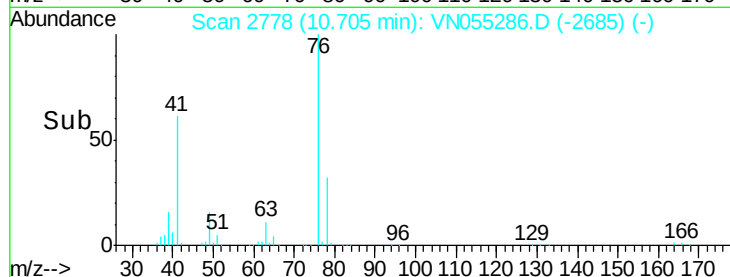
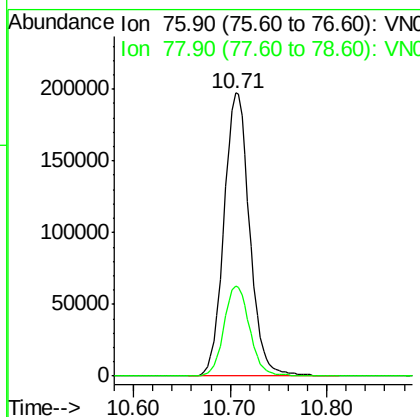
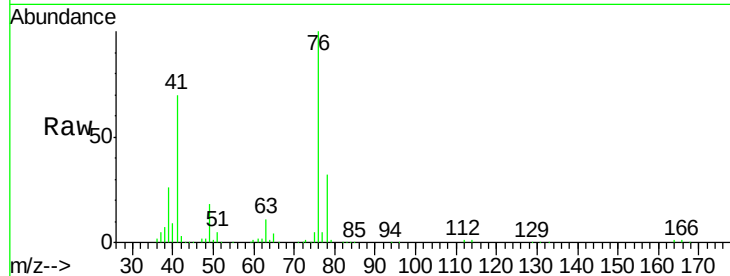
#57
 1,3-Dichloropropane
 Concen: 49.321 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 363678
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

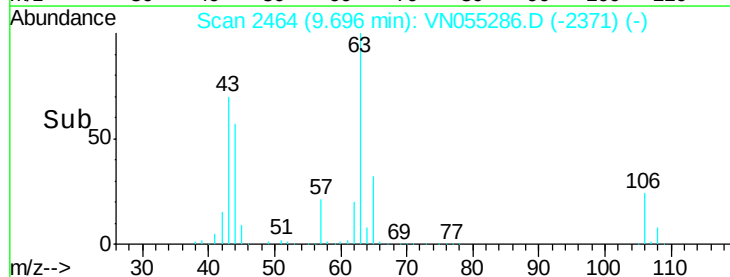
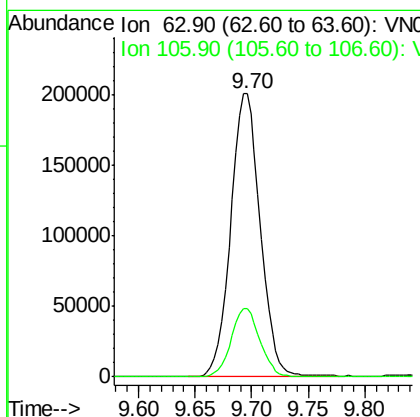
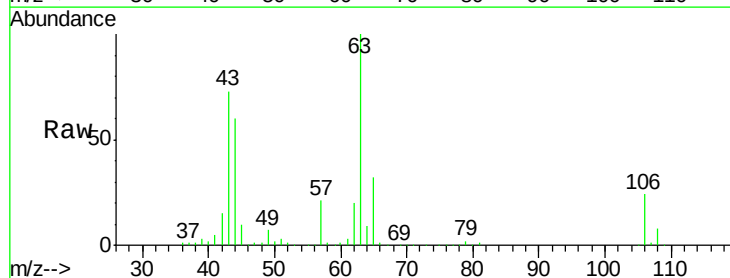
Manual Integrations
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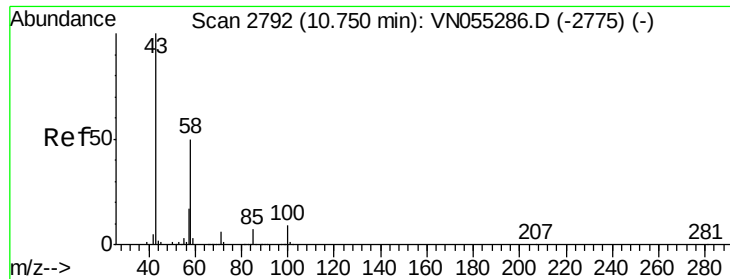
MMDadoda
 4/30/2019 11:59:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.484 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion: 63 Resp: 365149
 Ion Ratio Lower Upper
 63 100
 106 23.7 19.0 28.4





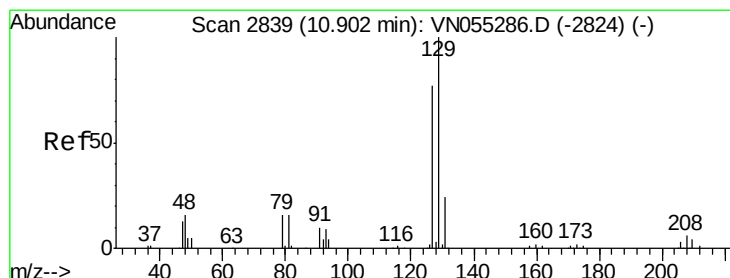
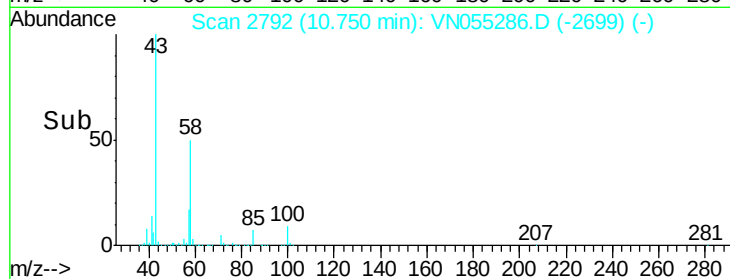
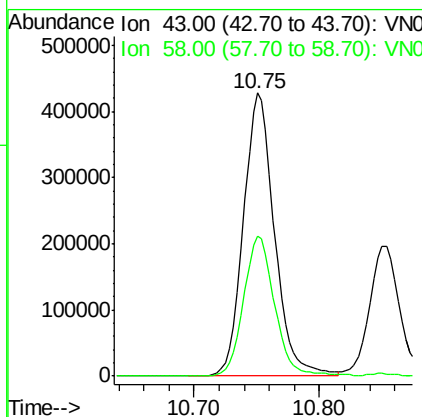
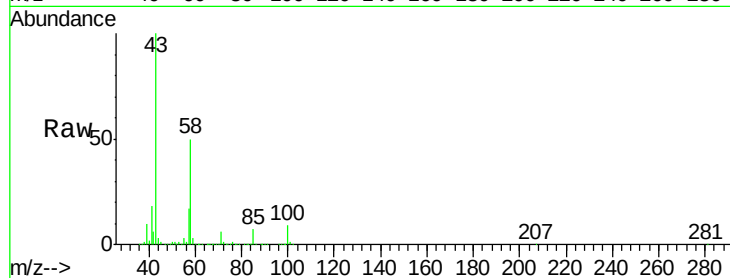
#59
2-Hexanone
Concen: 246.232 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.7	24.9	74.6

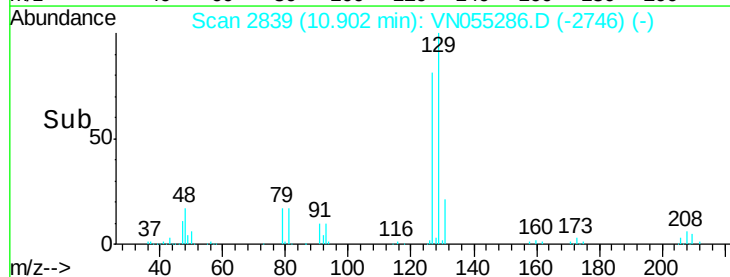
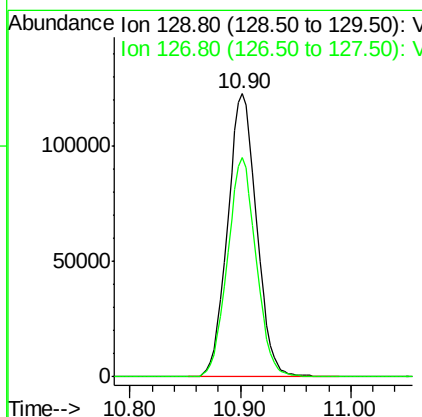
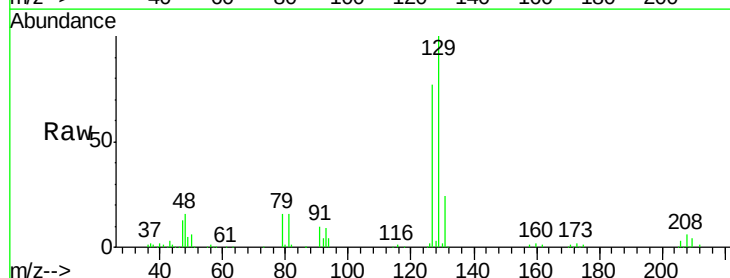
Manual Integrations
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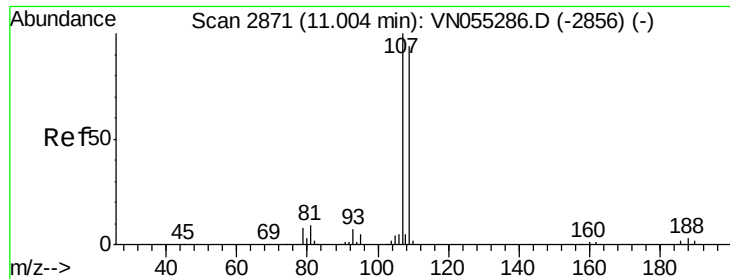
MMDadoda
4/30/2019 11:59:06 AM



#60
Dibromochloromethane
Concen: 51.281 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.1	114.5





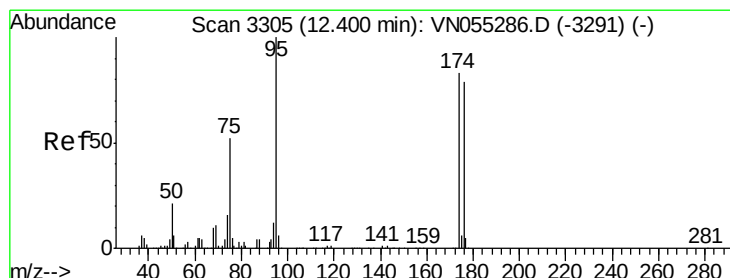
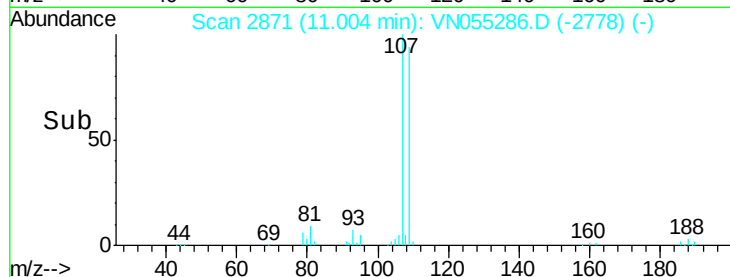
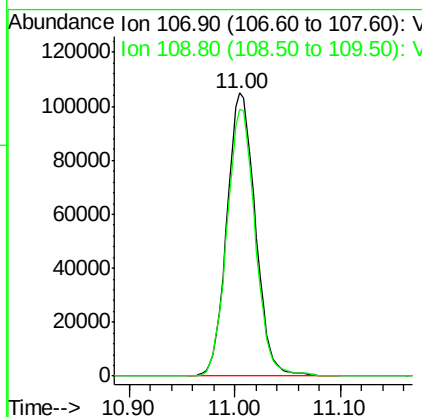
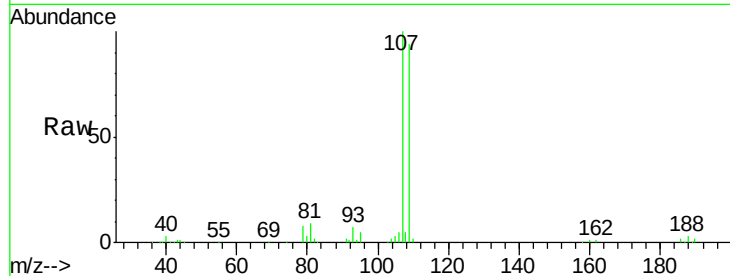
#61
 1,2-Dibromoethane
 Concen: 49.399 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

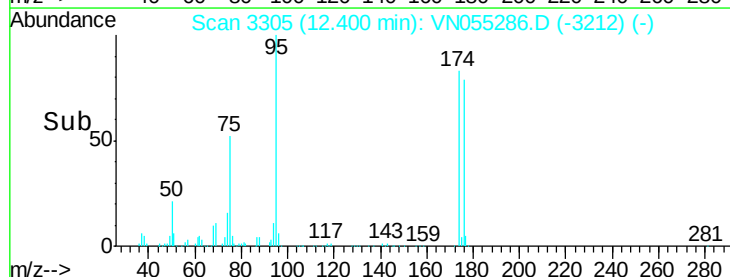
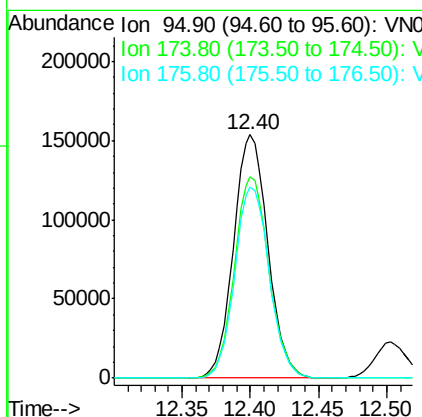
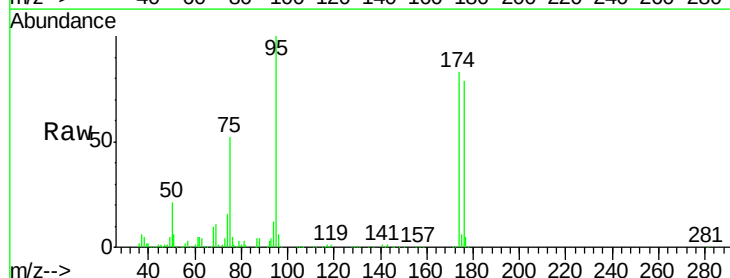
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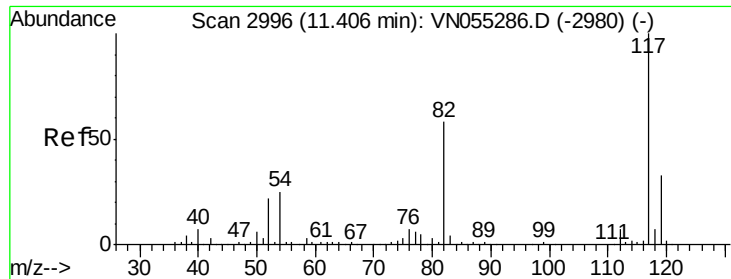
MMDadoda
 4/30/2019 11:59:06 AM



#62
 4-Bromofluorobenzene
 Concen: 49.521 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	166.6
176	78.9	0.0	157.8





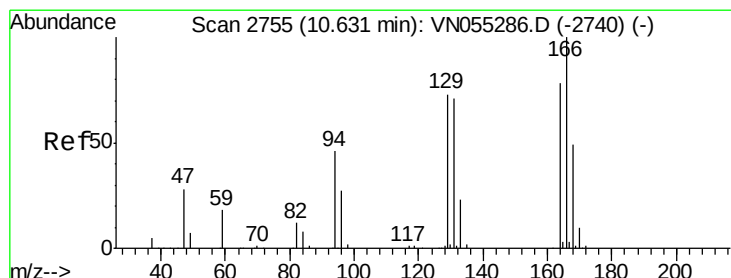
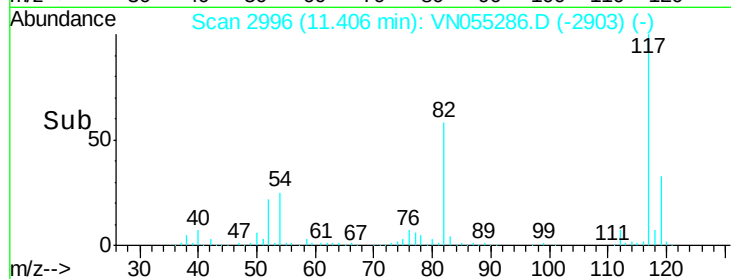
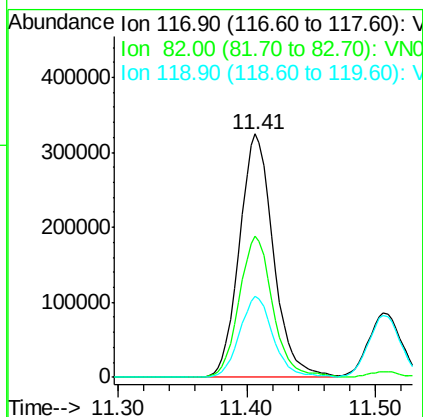
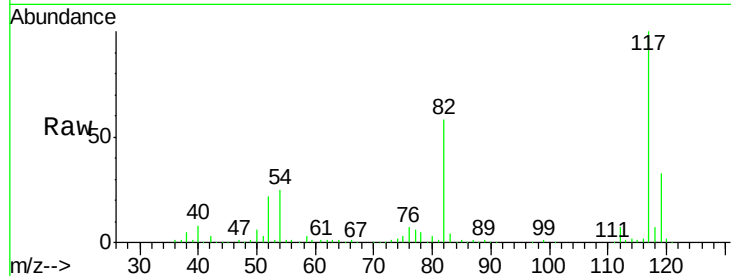
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	595340		
82	57.8	46.2	69.4	
119	33.3	26.6	40.0	

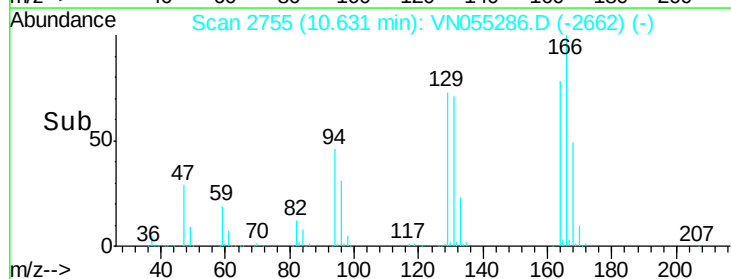
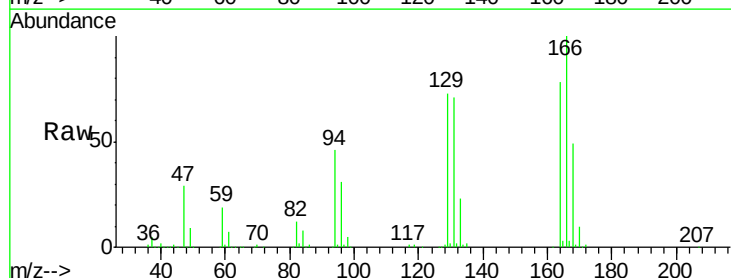
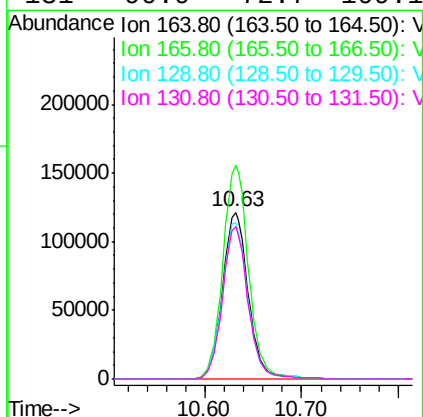
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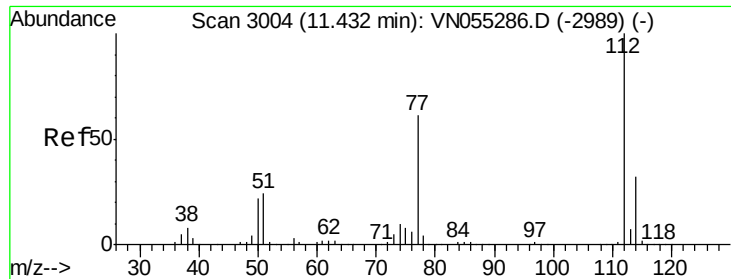
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#64
Tetrachloroethene
Concen: 46.650 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224777		
166	127.9	102.3	153.5	
129	93.8	75.0	112.6	
131	90.9	72.7	109.1	





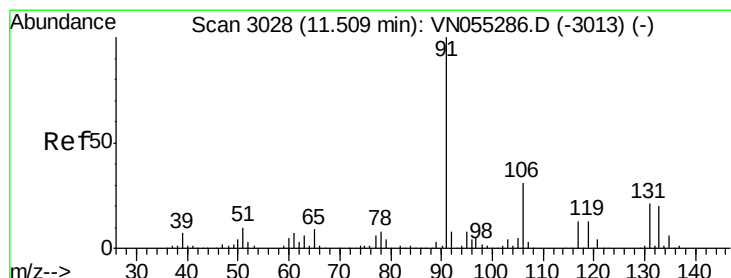
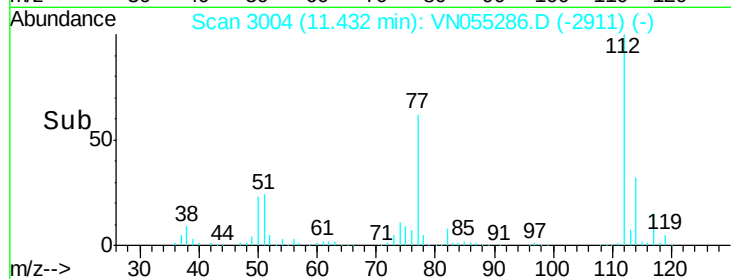
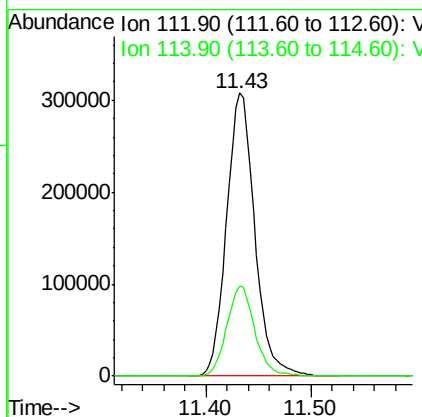
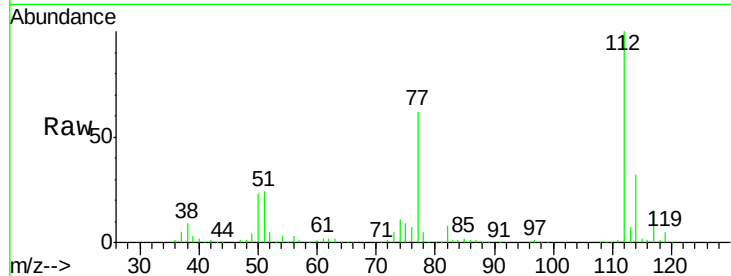
#65
Chlorobenzene
Concen: 47.283 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 569498
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

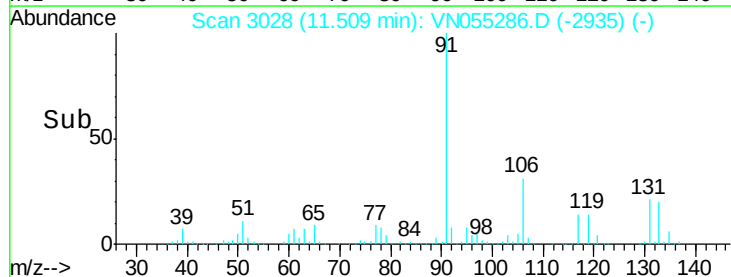
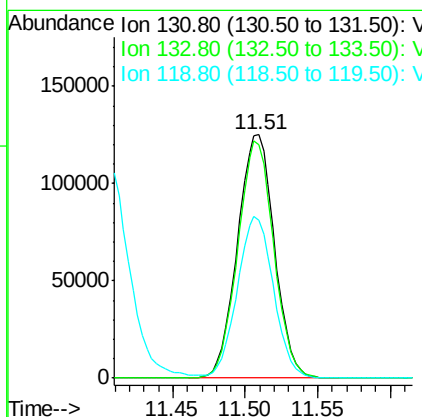
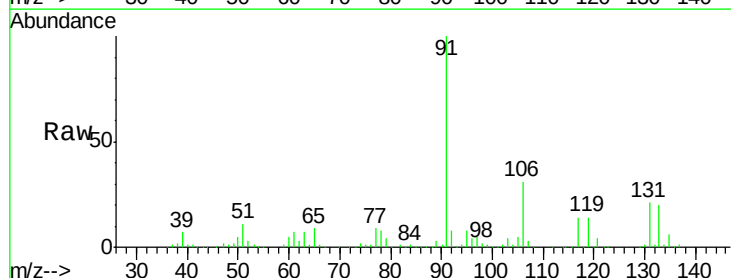
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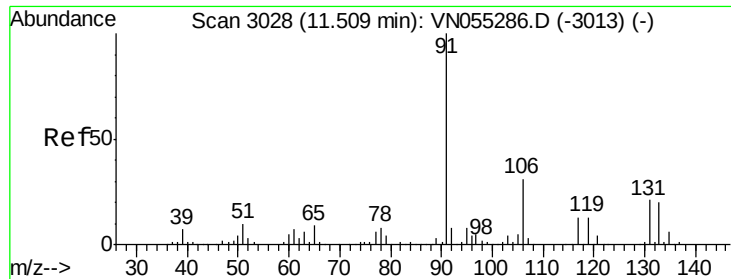
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.384 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion:131 Resp: 221466
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 65.4 32.7 98.1





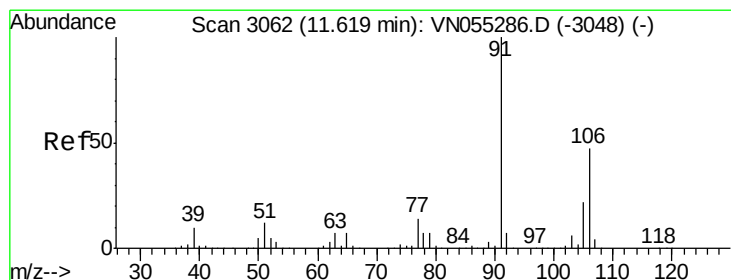
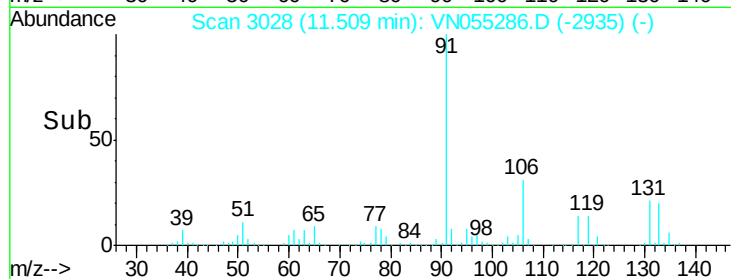
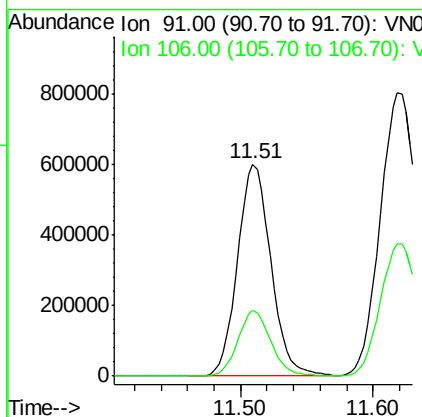
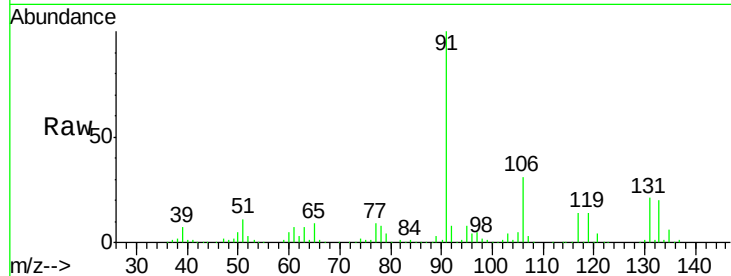
#67
Ethyl Benzene
Concen: 49.057 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1053268
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

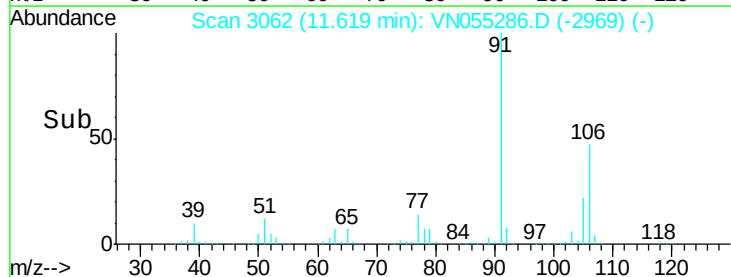
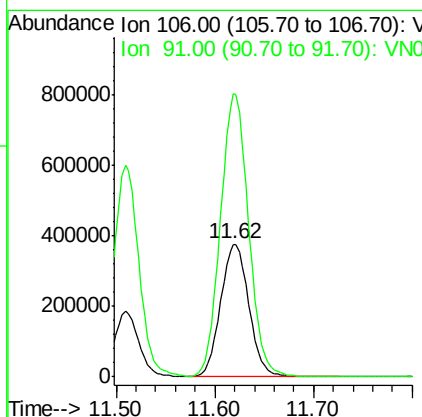
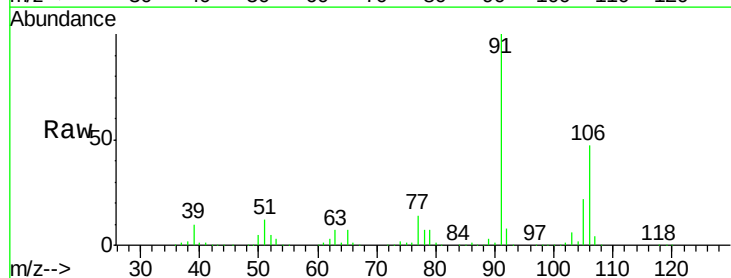
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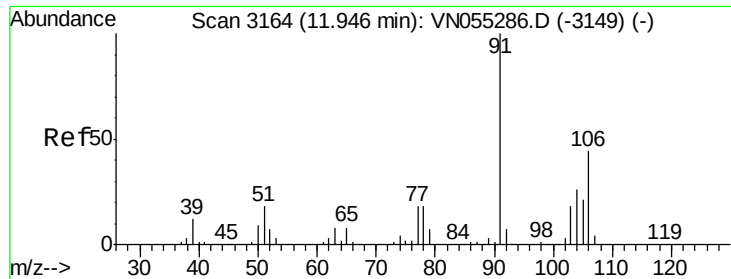
MMDadoda
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#68
m/p-Xylenes
Concen: 98.479 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion: 106 Resp: 755858
Ion Ratio Lower Upper
106 100
91 211.9 169.5 254.3





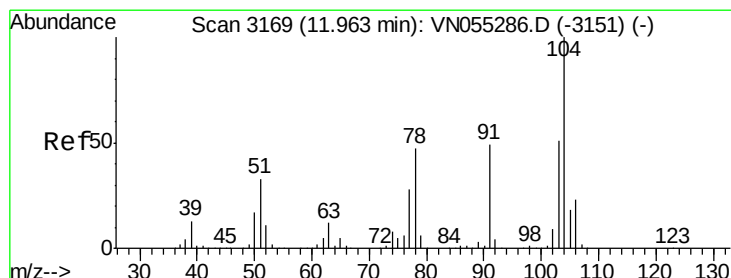
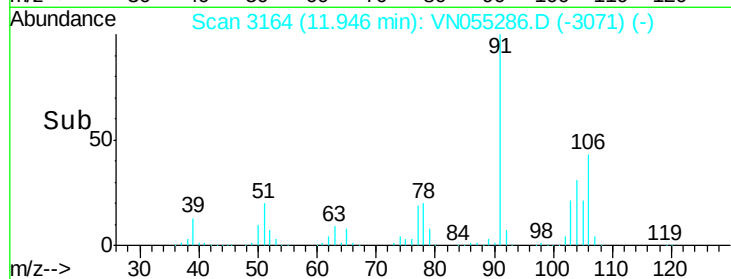
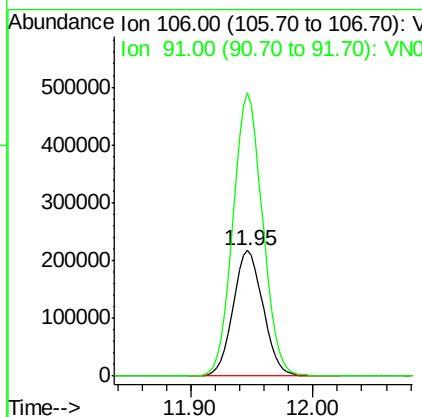
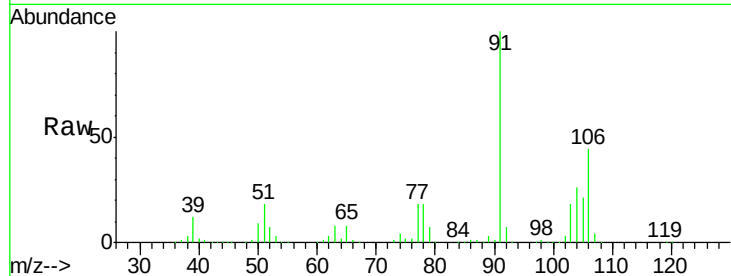
#69
o-Xylene
Concen: 48.608 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 370626
Ion Ratio Lower Upper
106 100
91 223.0 111.5 334.5

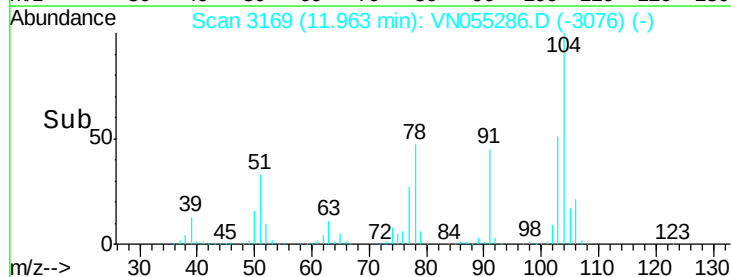
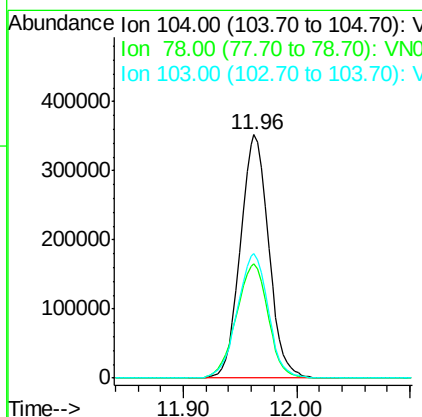
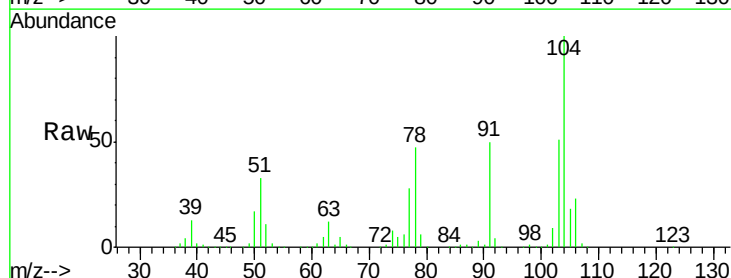
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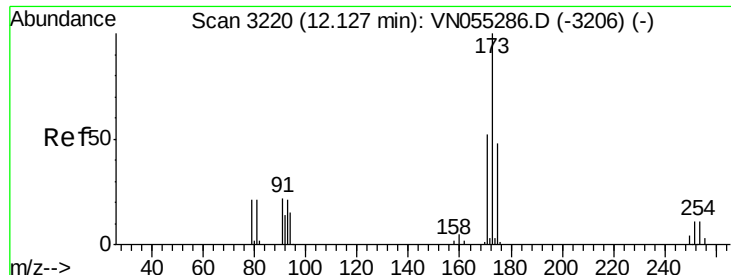
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#70
Styrene
Concen: 52.187 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion:104 Resp: 615393
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.2
103 55.8 44.6 67.0





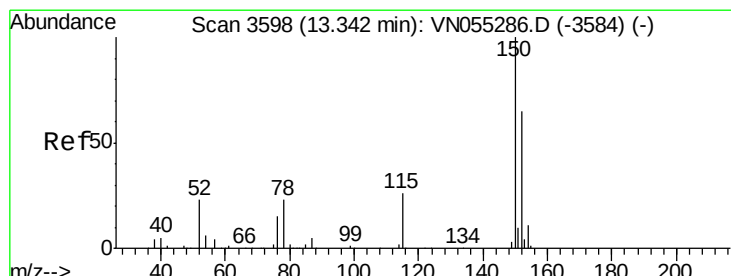
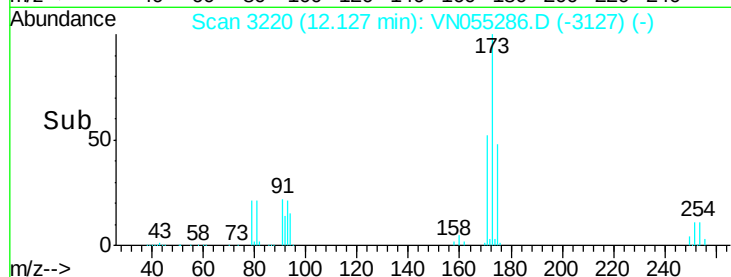
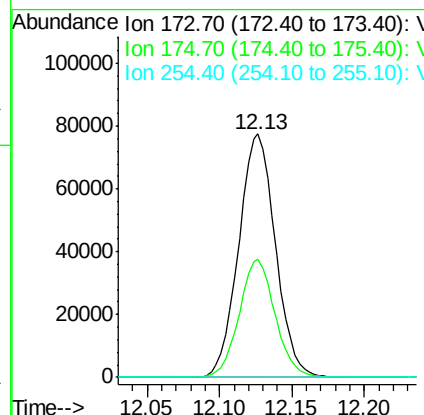
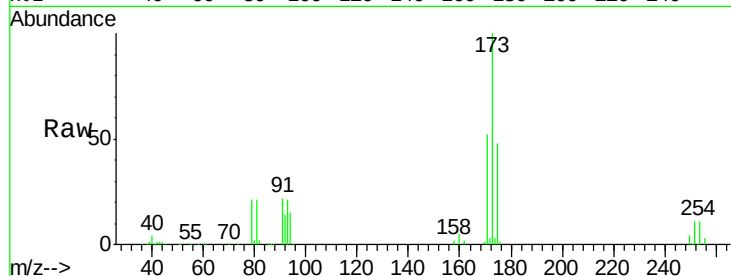
#71
Bromoform
Concen: 51.419 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.6	71.0
254	0.0	0.0	0.0

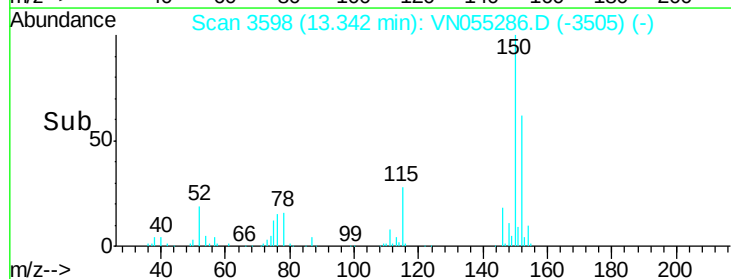
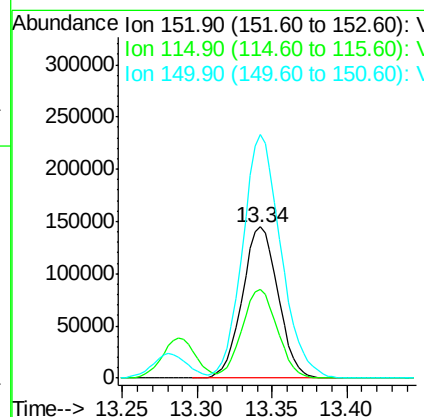
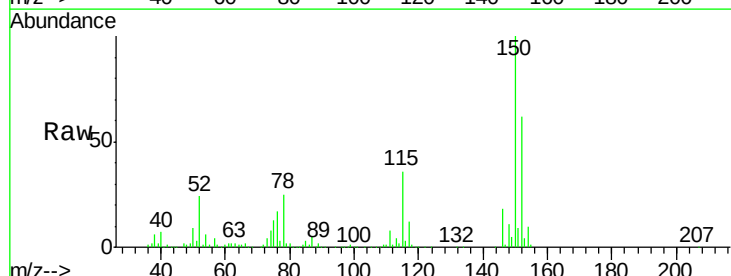
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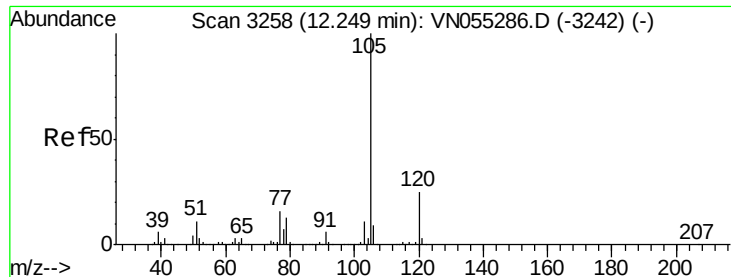
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.0	87.0
150	172.8	0.0	345.6





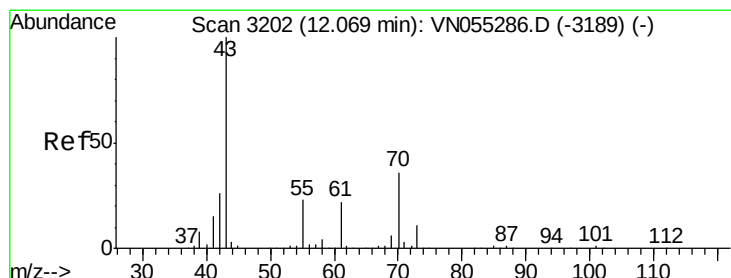
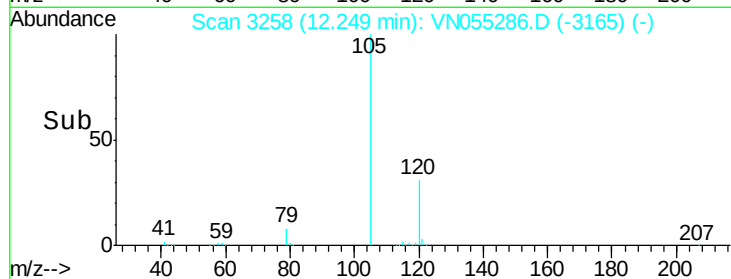
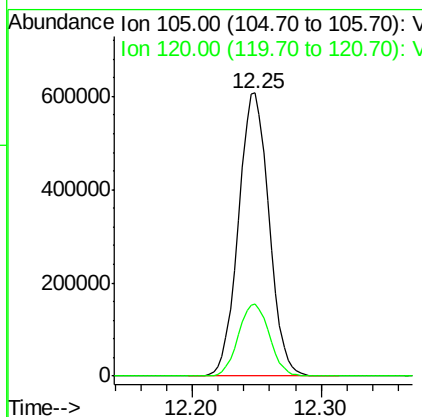
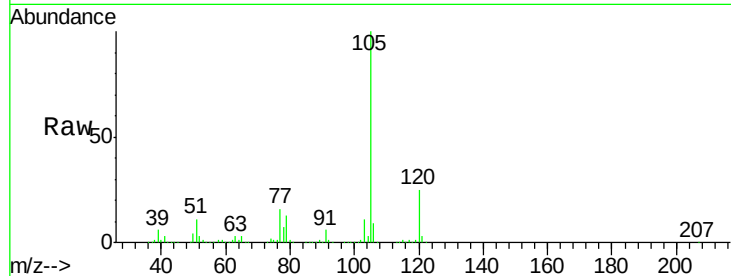
#73
Isopropylbenzene
Concen: 43.131 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.7

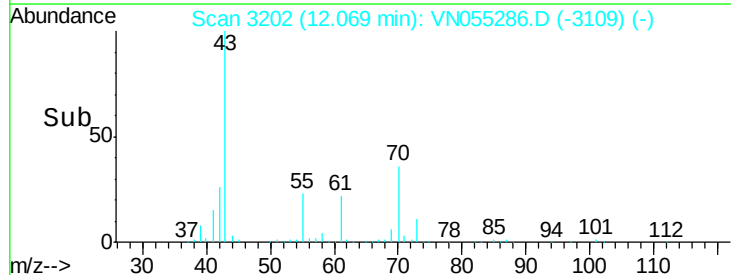
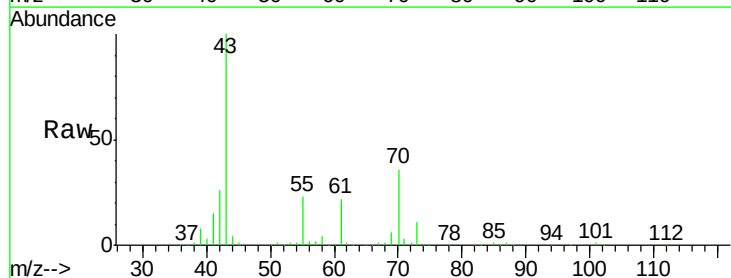
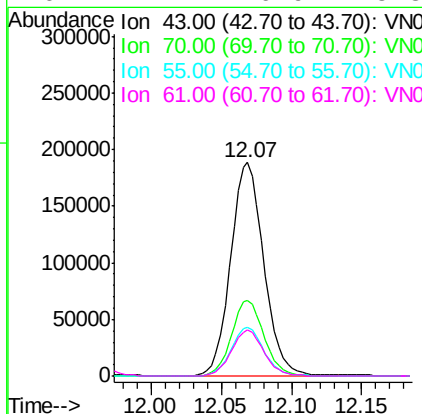
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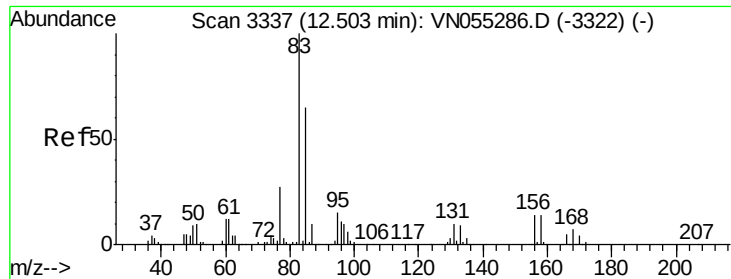
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#74
N-ethyl acetate
Concen: 49.935 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	34.9	27.9	41.9
55	22.7	18.2	27.2
61	21.1	16.9	25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 40.628 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

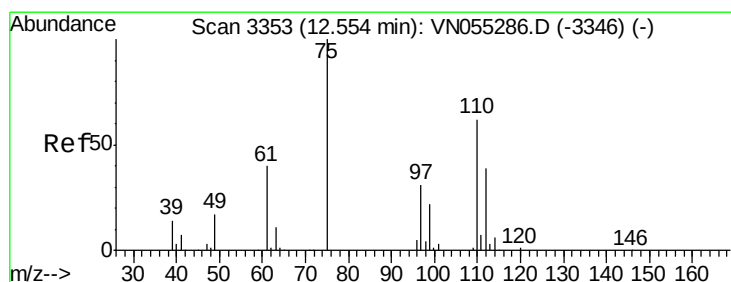
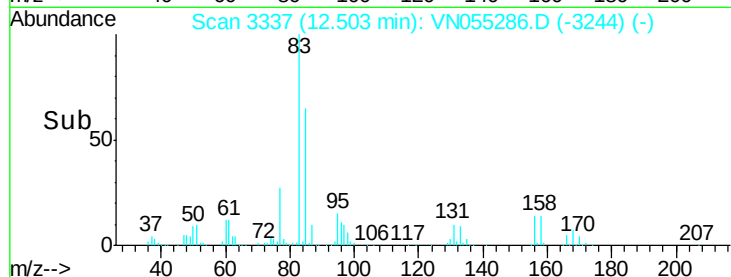
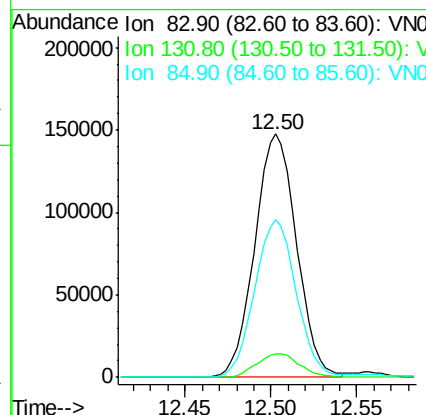
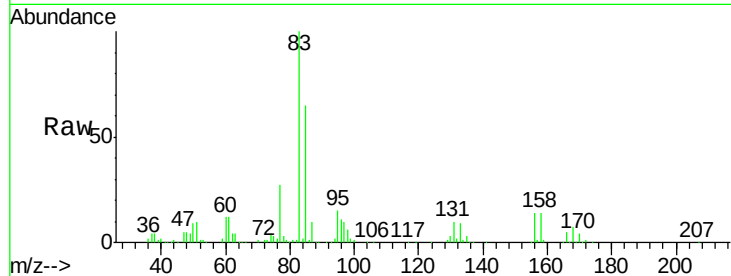
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	248461
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 46.734 ug/l m

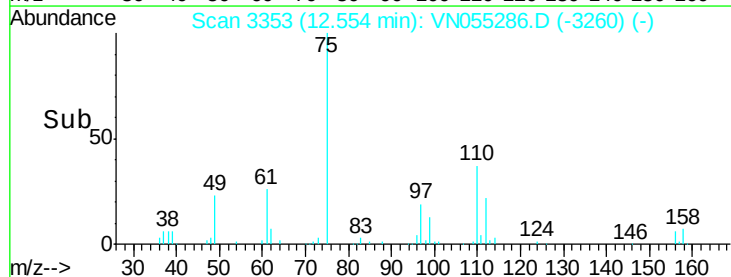
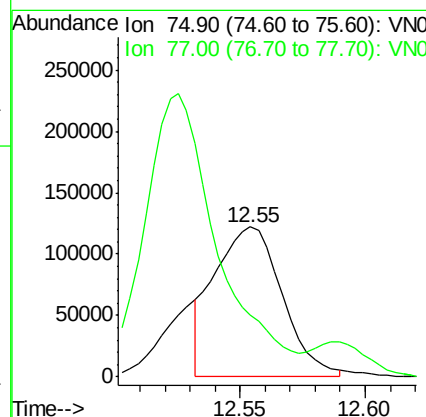
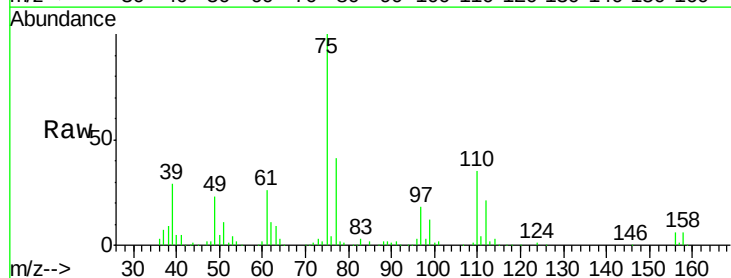
RT: 12.55 min Scan# 3353

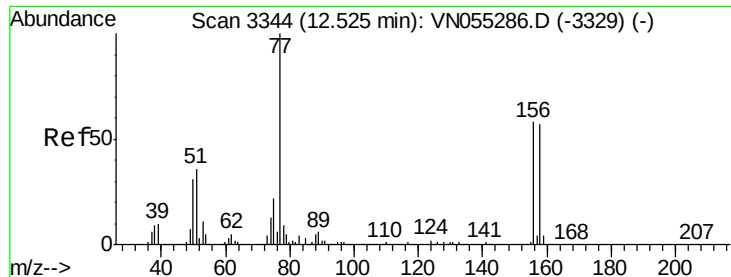
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	75	Resp:	230916
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 44.377 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

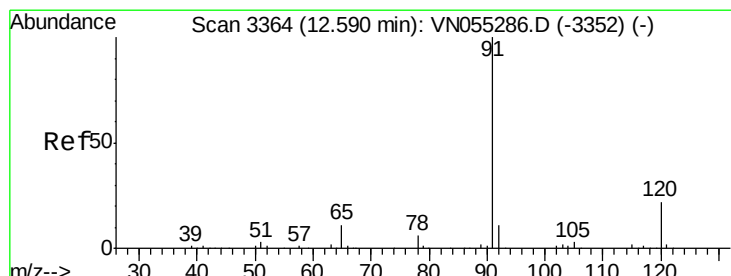
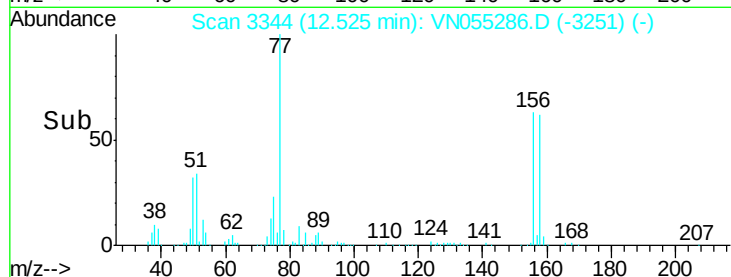
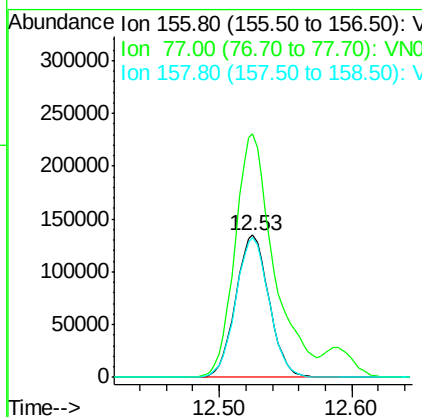
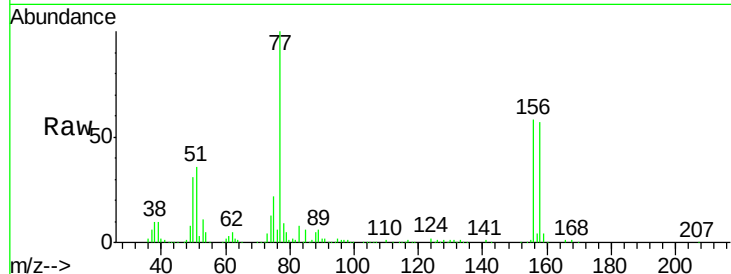
ClientSampled :

VSTDICCC050

Tot Ion:	156	Resp:	235224
Ion Ratio	Lower	Upper	
156	100		
77	199.2	99.6	298.8
158	98.5	49.3	147.8

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#78

n-propylbenzene

Concen: 46.040 ug/l

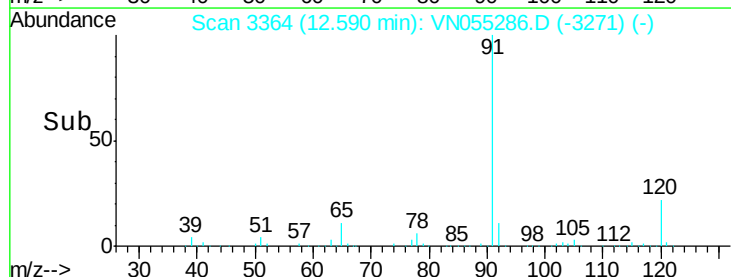
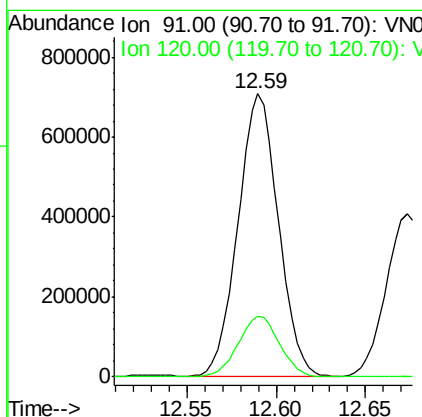
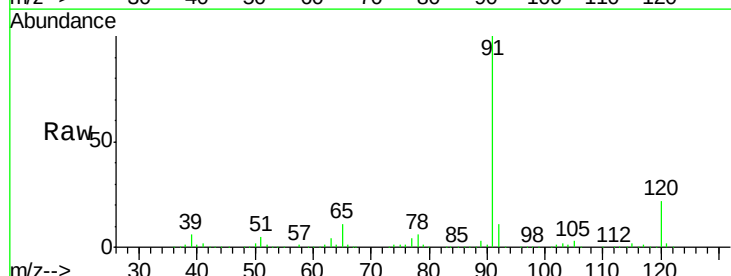
RT: 12.59 min Scan# 3364

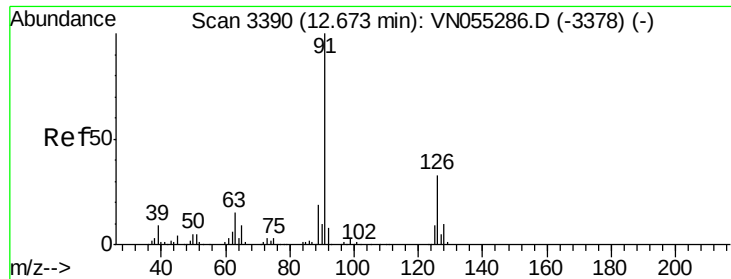
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	91	Resp:	1113206
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 44.377 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 677506

Ion Ratio Lower Upper

91 100

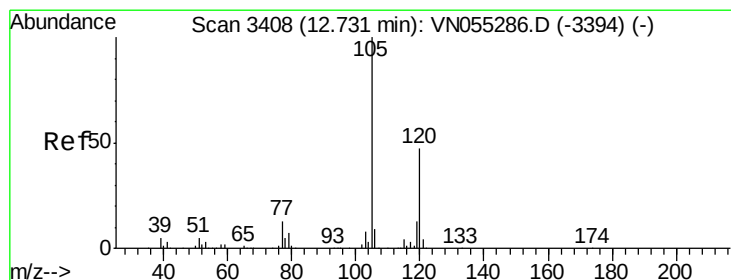
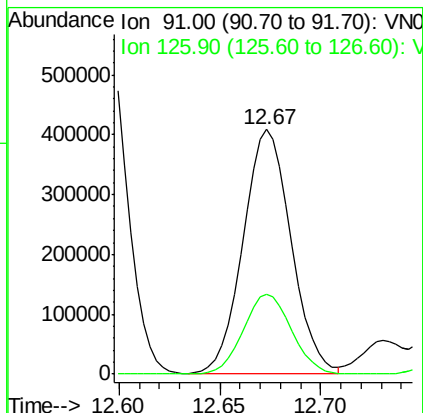
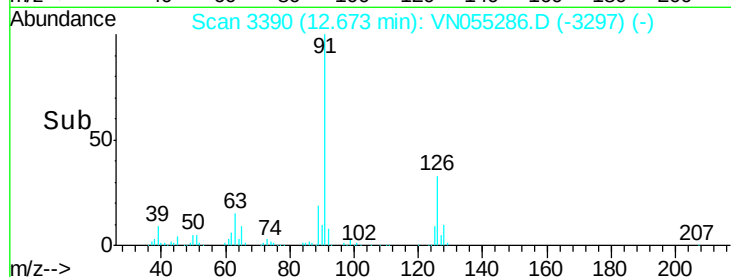
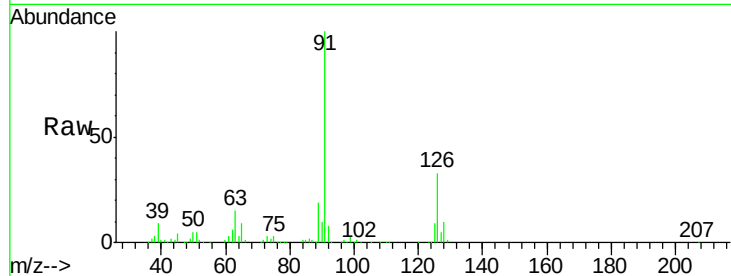
126 33.1 16.6 49.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 45.518 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055286.D

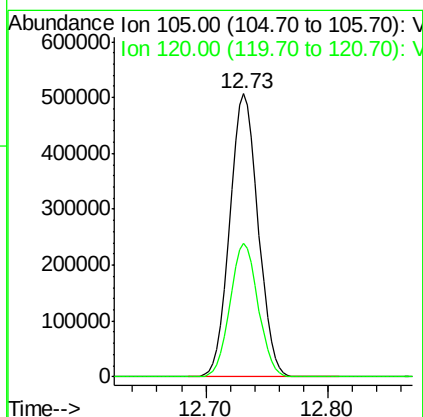
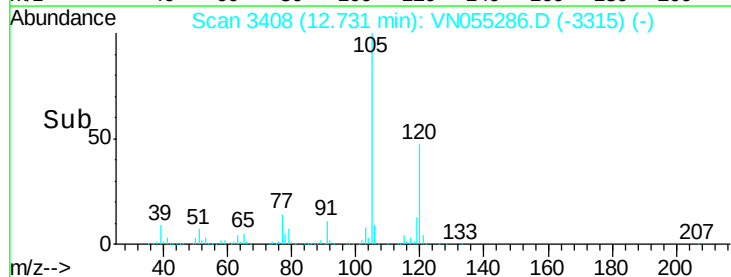
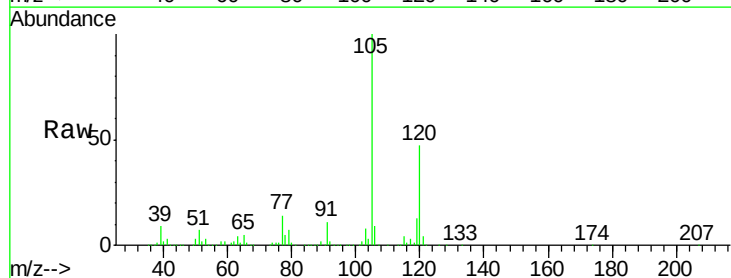
Acq: 29 Apr 2019 11:32

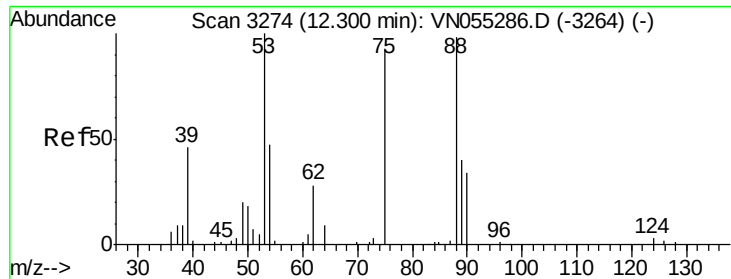
Tgt Ion: 105 Resp: 820405

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0





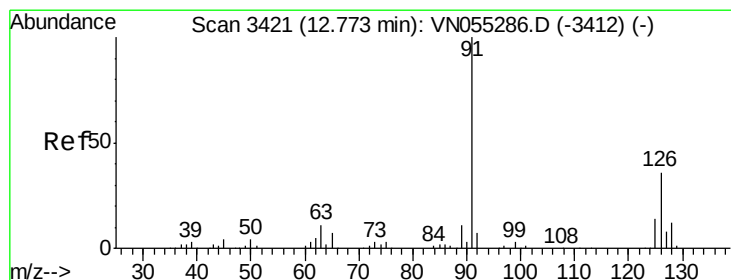
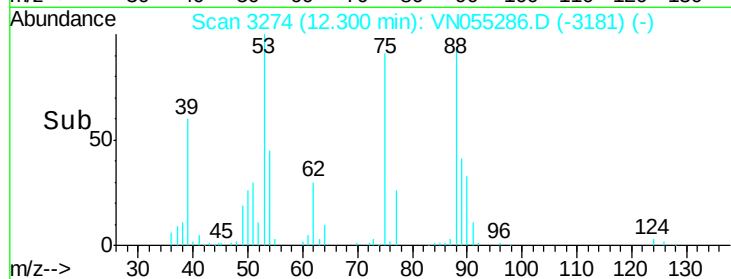
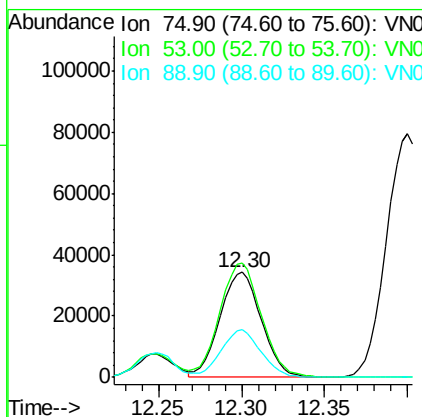
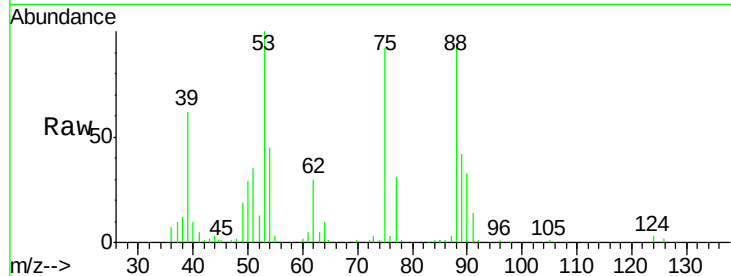
#81
trans-1,4-Dichloro-2-butene
Concen: 46.487 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.9	86.3	129.5
89	43.2	34.6	51.8

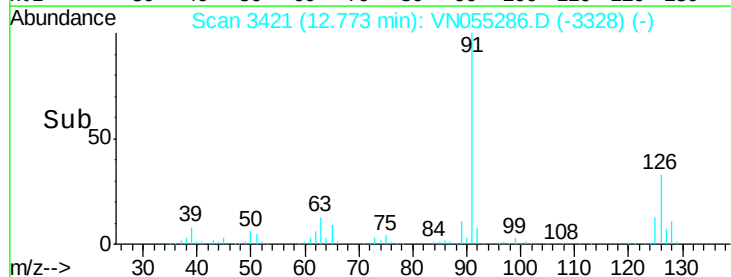
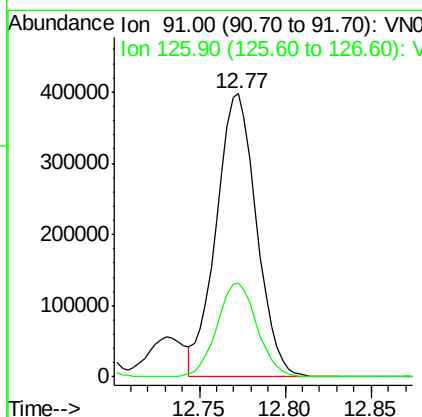
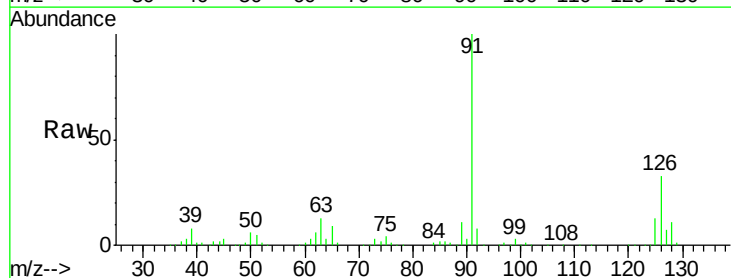
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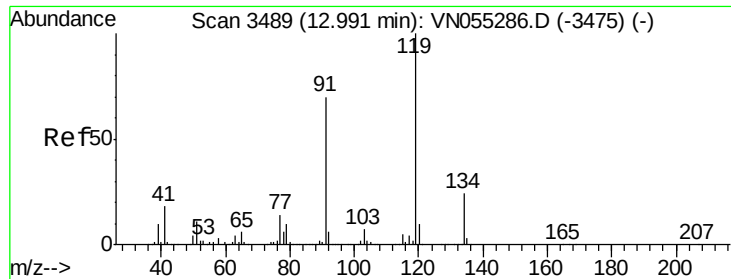
MMDadoda
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#82
4-Chlorotoluene
Concen: 46.217 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055286.D
Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7





#83

tert-Butylbenzene

Concen: 42.726 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

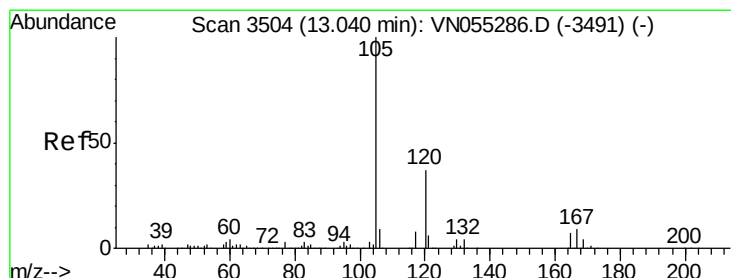
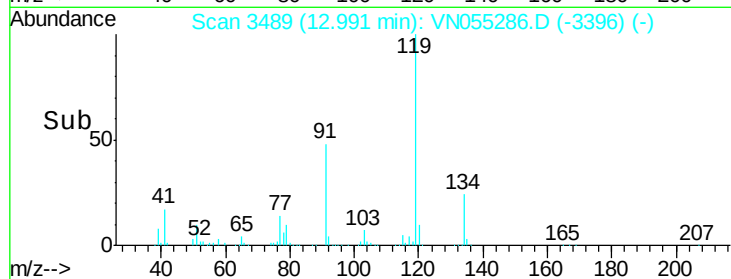
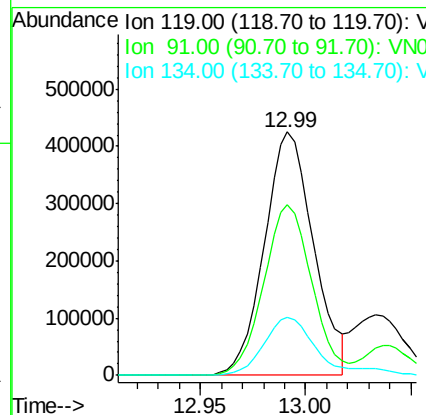
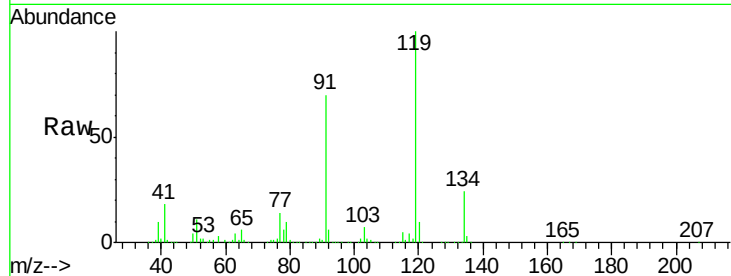
ClientSampled :

VSTDICCC050

Tot Ion:	119	Resp:	689329
Ion Ratio	Lower	Upper	
119	100		
91	68.6	34.3	102.9
134	26.2	13.1	39.3

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#84

1,2,4-Trimethylbenzene

Concen: 46.753 ug/l

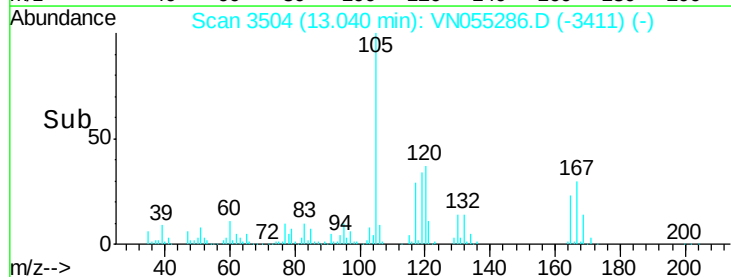
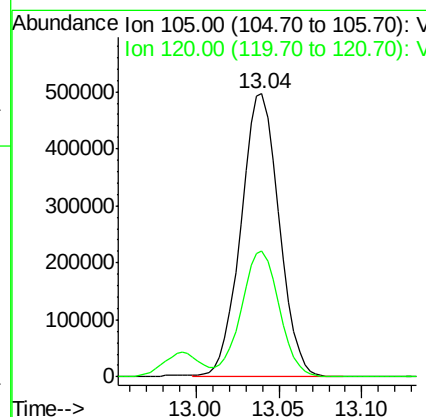
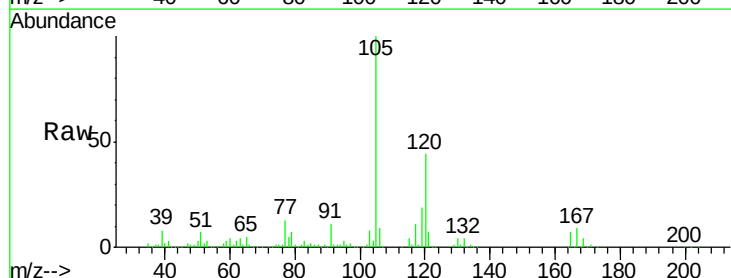
RT: 13.04 min Scan# 3504

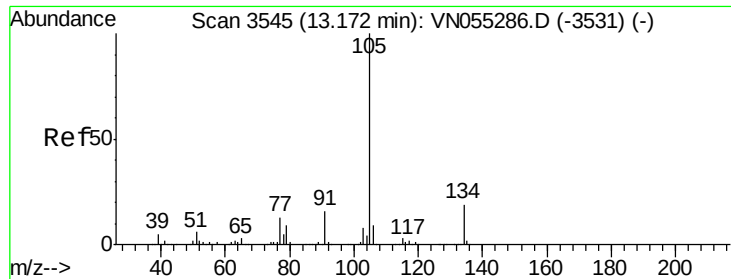
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	105	Resp:	794183
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.1	66.5





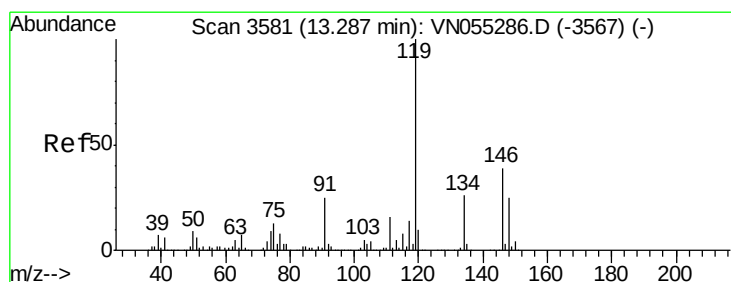
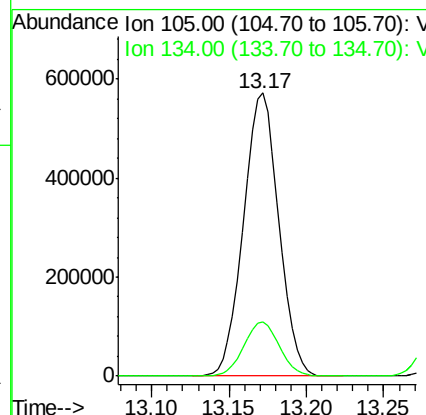
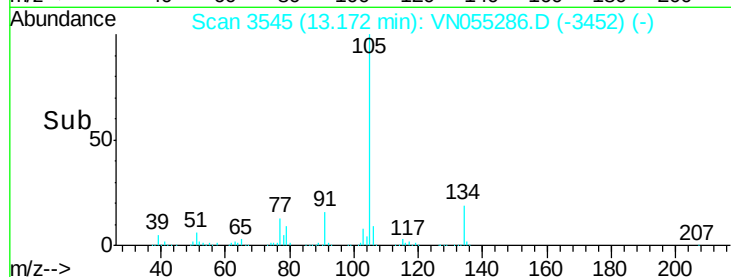
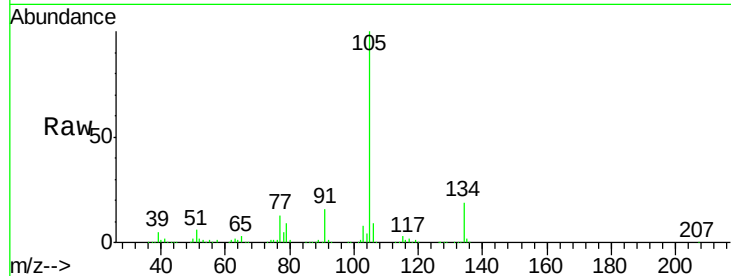
#85
 sec-Butylbenzene
 Concen: 44.350 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.6	28.8

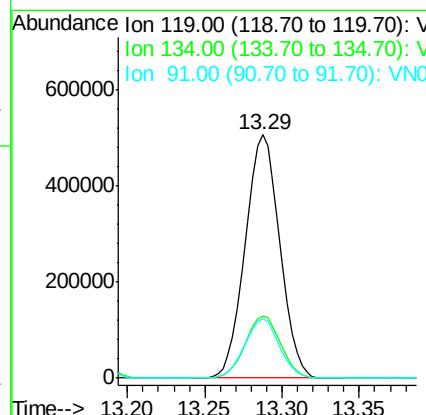
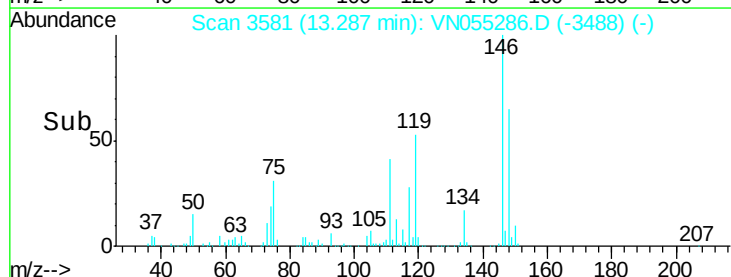
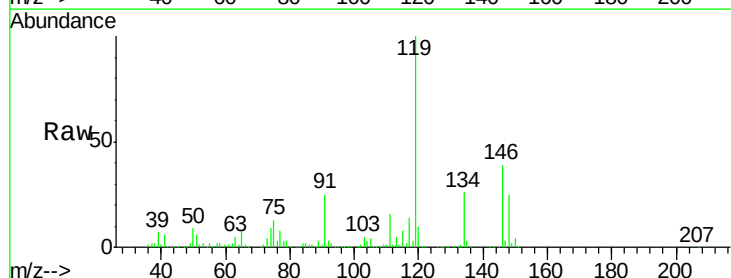
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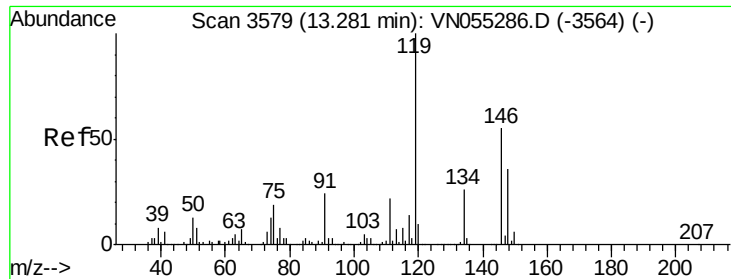
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#86
 p-Isopropyltoluene
 Concen: 46.861 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	24.4	12.2	36.6





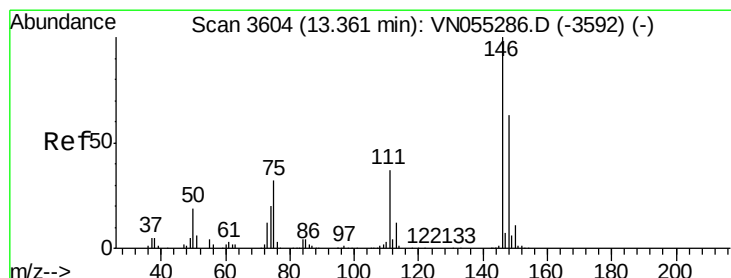
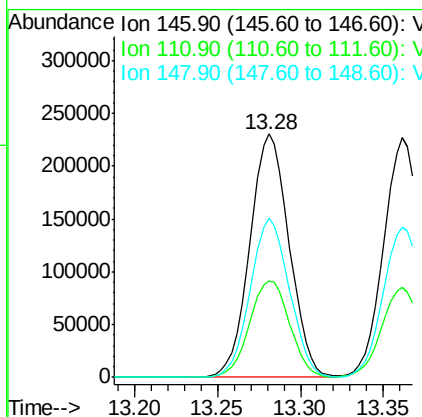
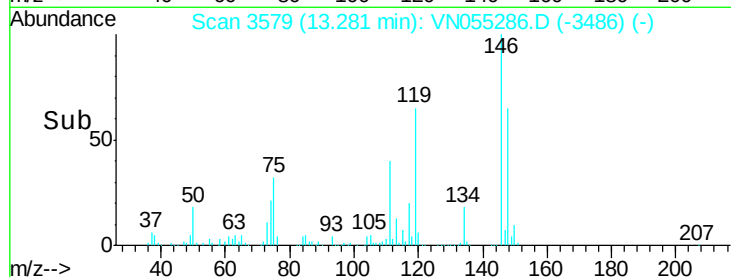
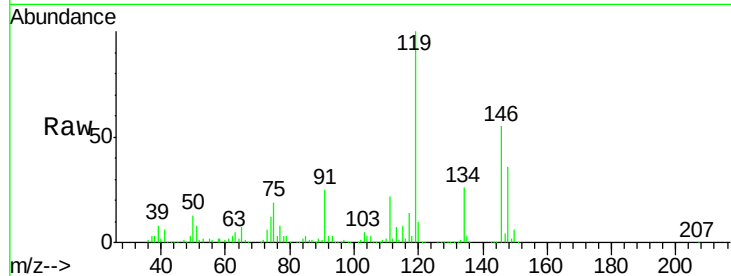
#87
 1,3-Dichlorobenzene
 Concen: 46.863 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	65.0	32.5	97.5

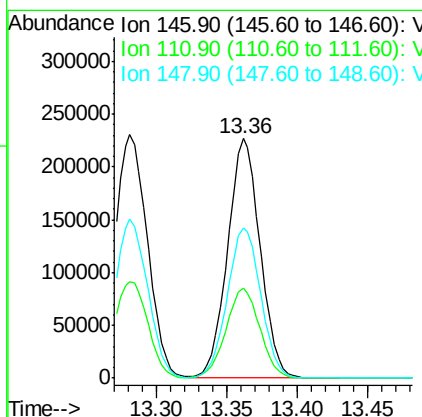
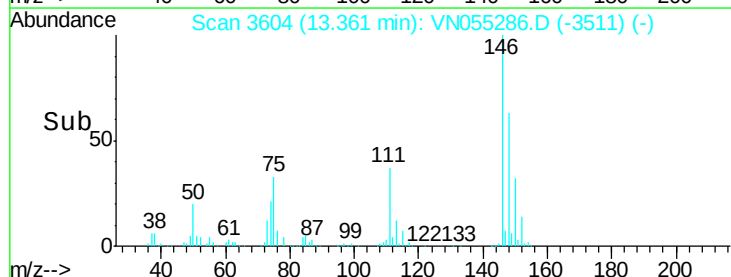
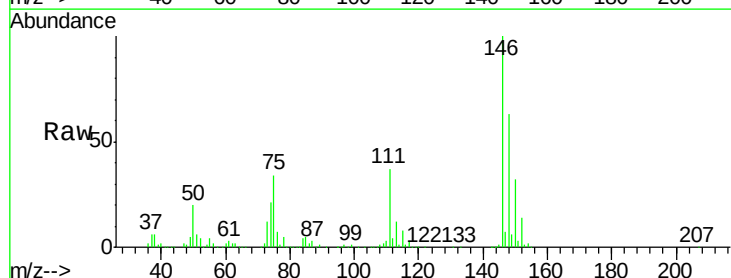
Manual Integrations
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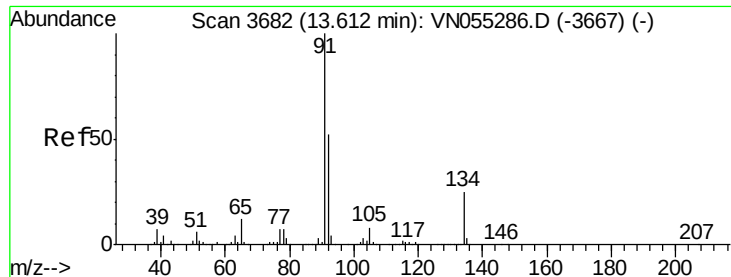
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#88
 1,4-Dichlorobenzene
 Concen: 46.334 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.9	32.5	97.4





#89

n-Butylbenzene

Concen: 49.574 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

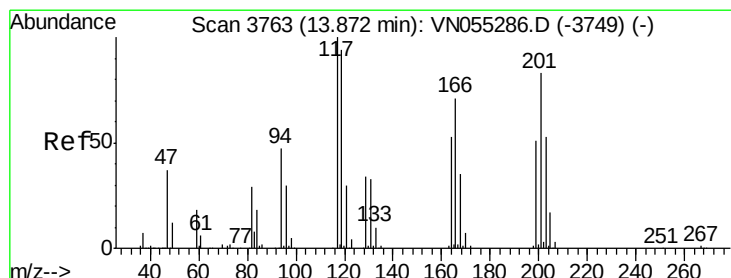
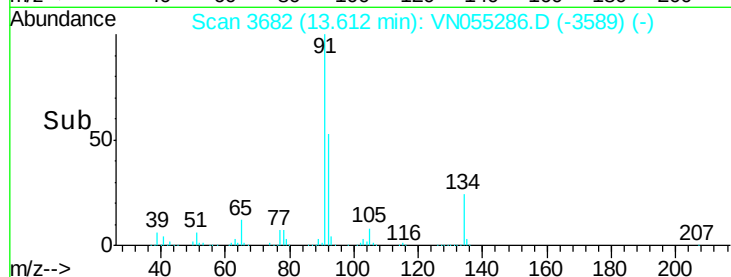
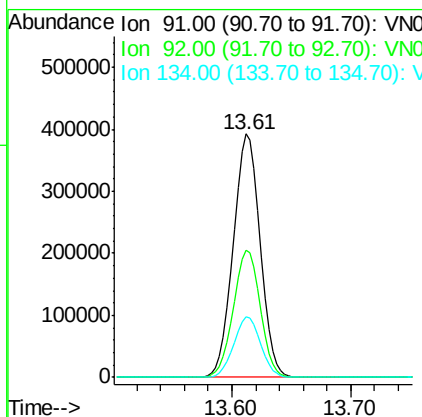
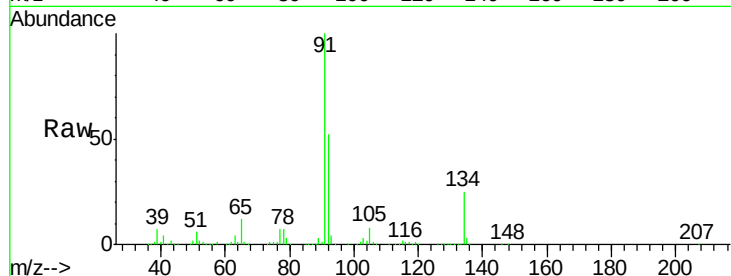
ClientSampleId :

VSTDICCC050

Tot Ion:	91	Resp:	613032
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	24.9	12.4	37.4

Manual Integrations
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#90

Hexachloroethane

Concen: 45.249 ug/l

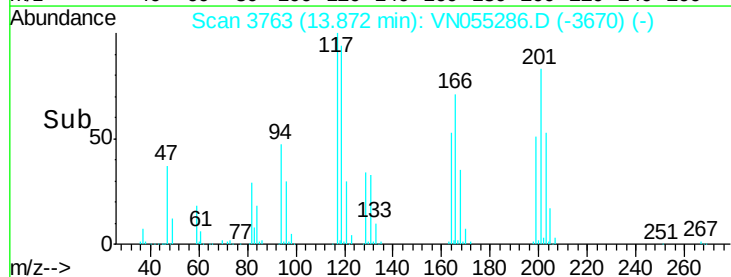
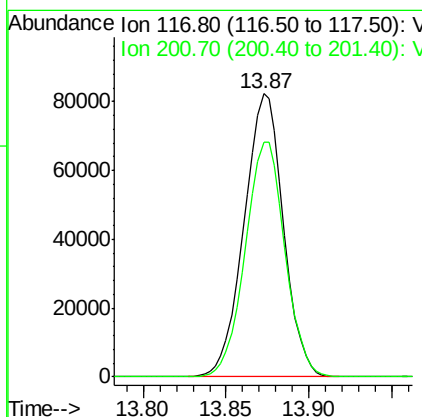
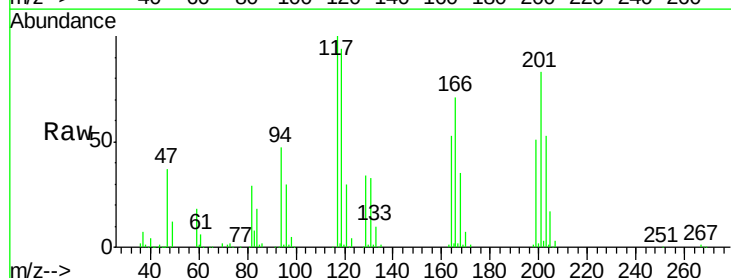
RT: 13.87 min Scan# 3763

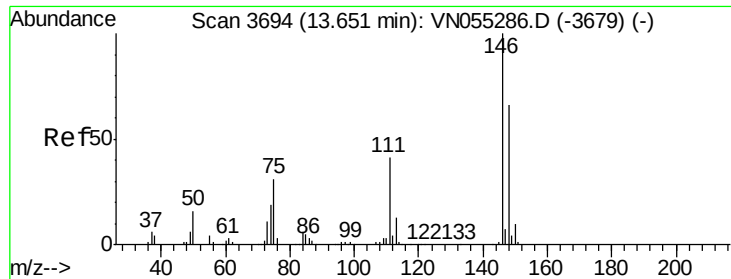
Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	117	Resp:	135497
Ion	Ratio	Lower	Upper
117	100		
201	83.9	41.9	125.8





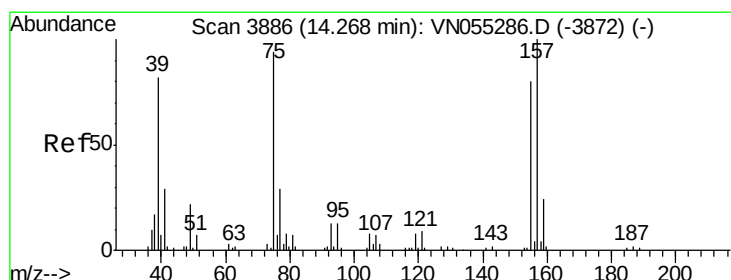
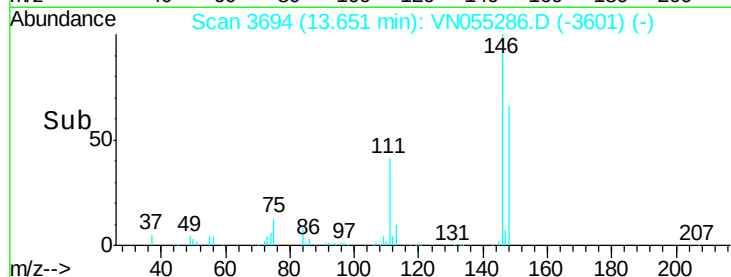
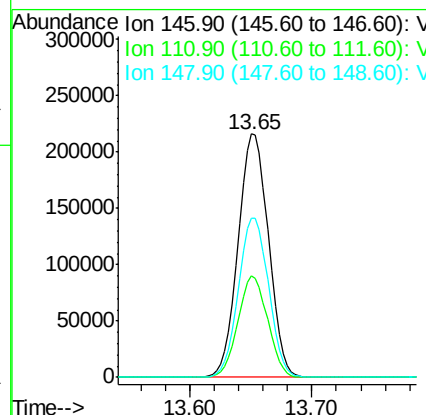
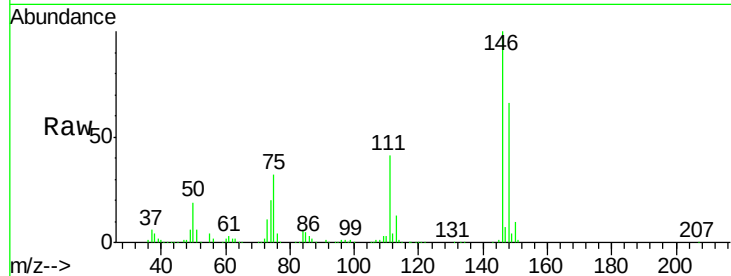
#91
 1,2-Dichlorobenzene
 Concen: 44.897 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.8	32.4	97.2

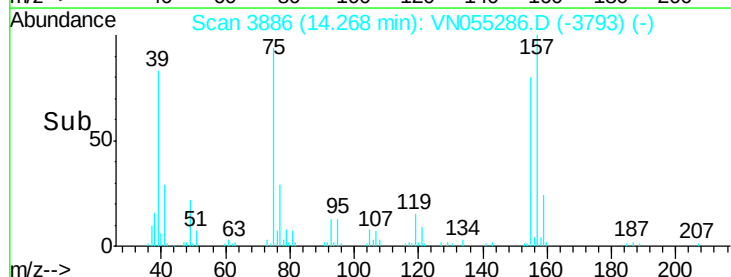
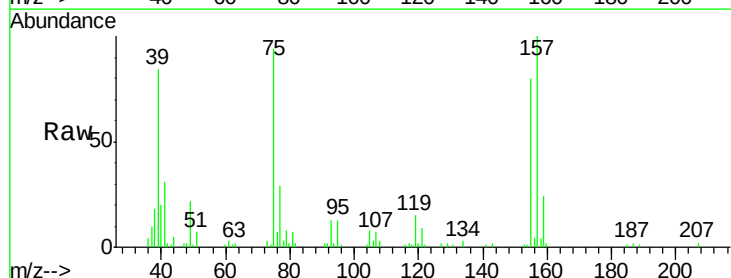
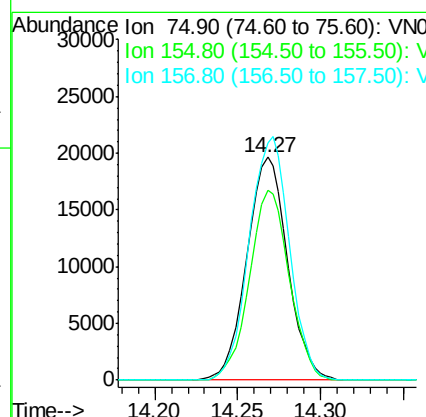
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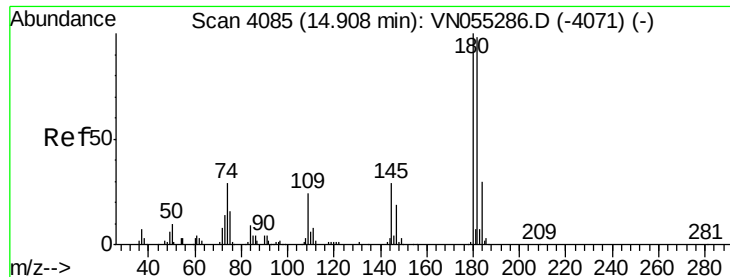
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.092 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	41.5	124.6
157	108.1	54.0	162.2





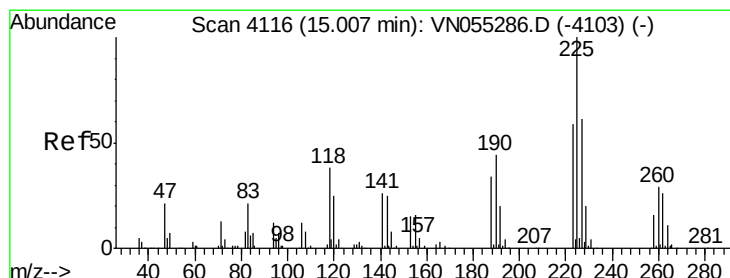
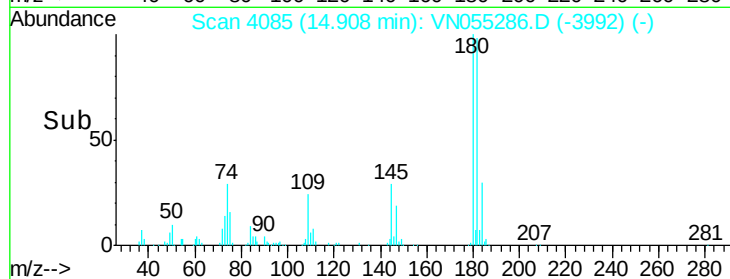
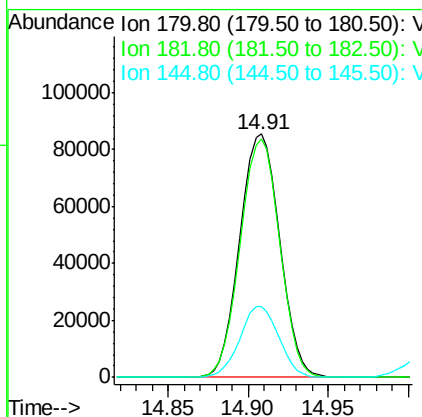
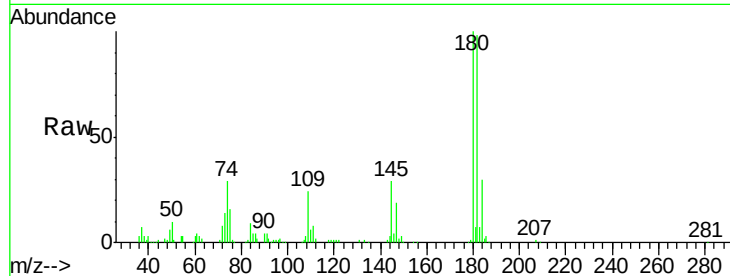
#93
 1,2,4-Trichlorobenzene
 Concen: 50.503 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion:	180	Resp:	145729
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.3	144.9
145	28.4	14.2	42.6

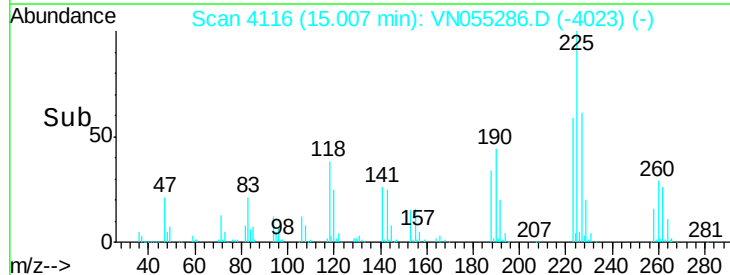
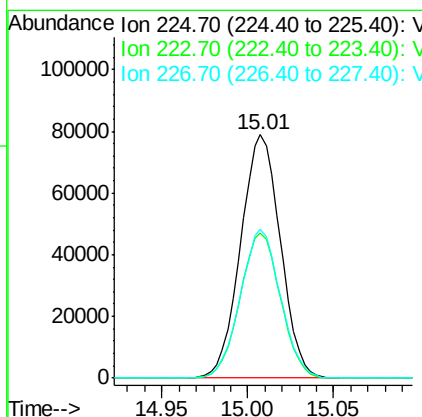
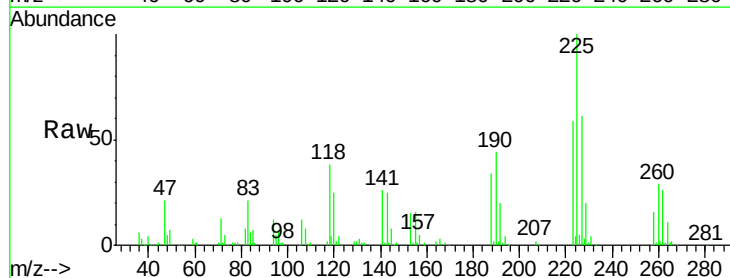
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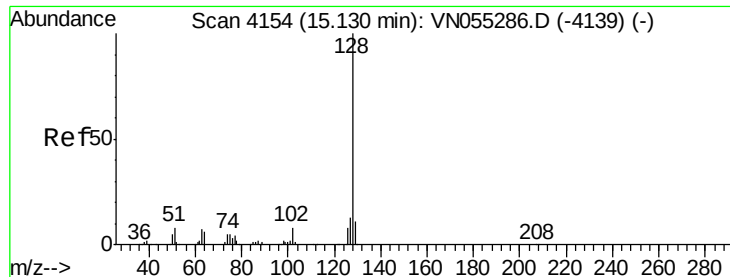
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#94
 Hexachlorobutadiene
 Concen: 42.291 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055286.D
 Acq: 29 Apr 2019 11:32

Tgt Ion:	225	Resp:	126855
Ion Ratio	Lower	Upper	
225	100		
223	60.5	30.3	90.8
227	61.8	30.9	92.7





#95

Naphthalene

Concen: 49.642 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Instrument :

MSVOA_N

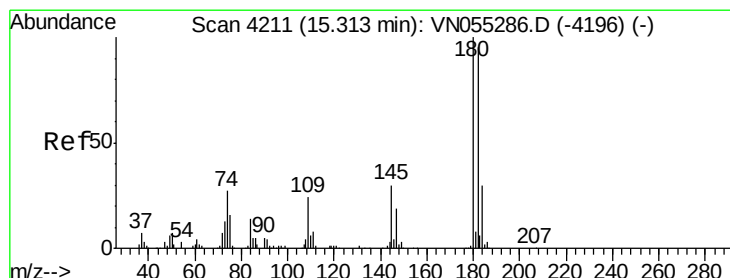
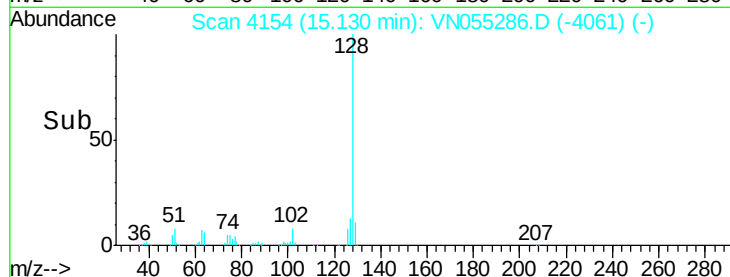
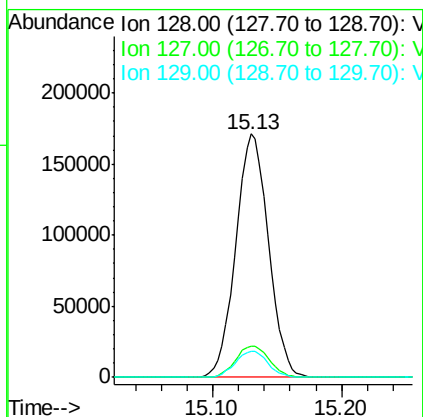
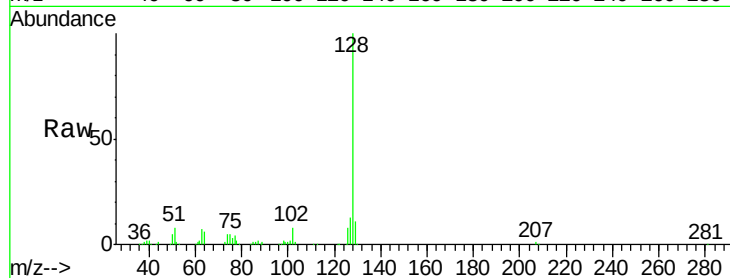
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	301675
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/30/2019 11:59:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.851 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055286.D

Acq: 29 Apr 2019 11:32

Tgt Ion:	180	Resp:	146377
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.3	144.9
145	30.4	15.2	45.6

