

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065530.D
 Acq On : 15 Jan 2021 18:26
 Operator : JC/MD
 Sample : M1125-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-215

Quant Time: Jan 15 23:44:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

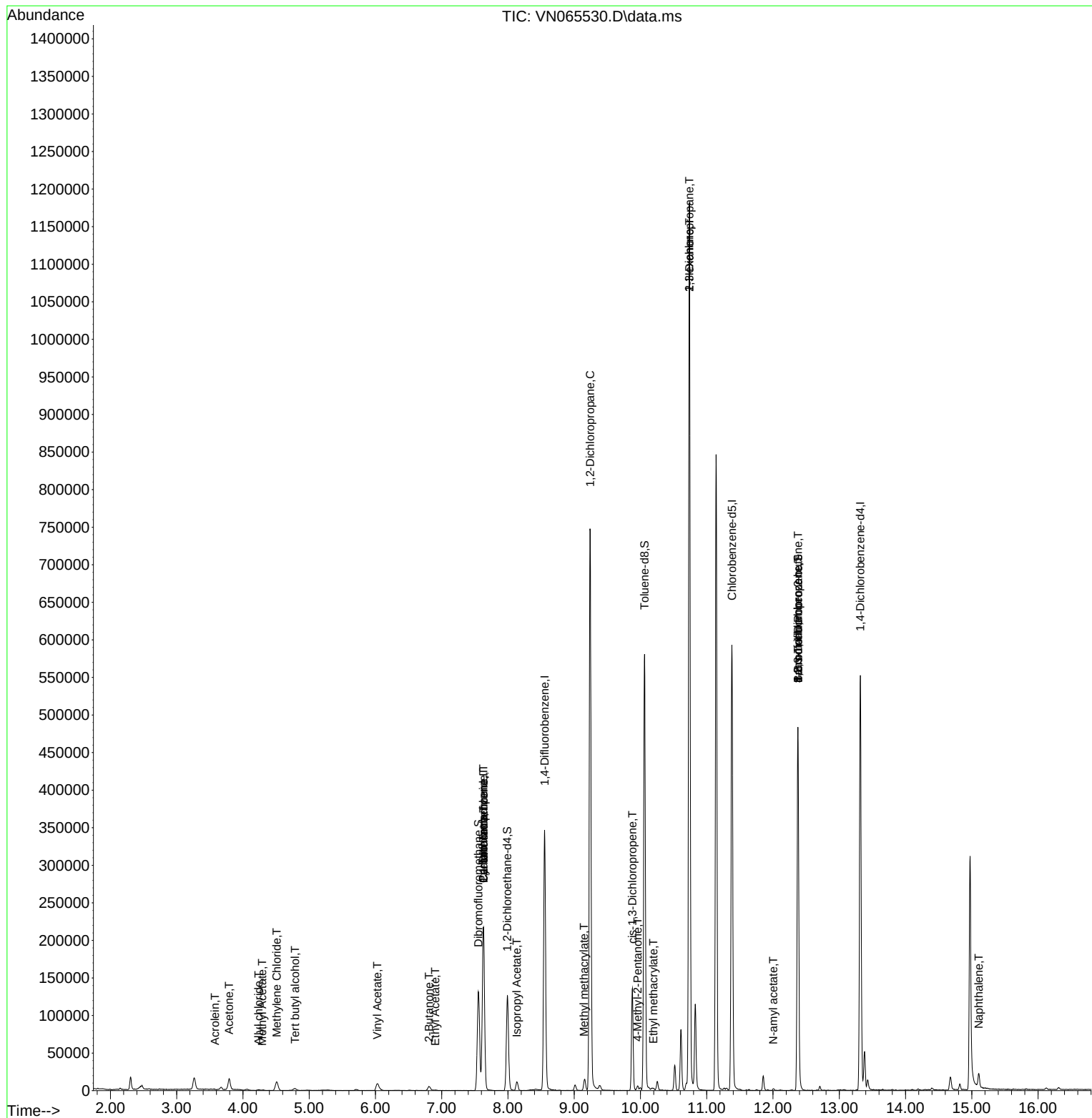
Internal Standards						
1) Pentafluorobenzene	7.630	168	205564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	339262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	378275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	172199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	108015	46.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.08%		
35) Dibromofluoromethane	7.553	113	103701	50.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.32%		
50) Toluene-d8	10.061	98	429770	56.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	112.04%		
62) 4-Bromofluorobenzene	12.376	95	169527	55.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.56%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.785	59	5826	15.34	ug/l #	81
13) Acrolein	3.579	56	243	3.35	ug/l #	45
14) Allyl chloride	4.238	41	1341	0.40	ug/l #	26
16) Acetone	3.791	43	23392	13.86	ug/l	90
18) Methyl Acetate	4.290	43	496	0.24	ug/l #	50
20) Methylene Chloride	4.508	84	9836	4.34	ug/l	96
23) Vinyl Acetate	6.029	43	1789	0.32	ug/l #	71
25) 2-Butanone	6.807	43	4331	3.32	ug/l	98
31) Cyclohexane	7.627	56	2947	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	12157	3.94	ug/l #	48
37) Ethyl Acetate	6.904	43	1955	0.64	ug/l #	66
38) Carbon Tetrachloride	7.627	117	16739	5.17	ug/l #	16
43) Isopropyl Acetate	8.132	43	14138	2.68	ug/l	98
45) 1,2-Dichloropropane	9.241	63	898	0.38	ug/l #	43
48) Methyl methacrylate	9.148	41	3901	1.52	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	4557	1.54	ug/l	92
54) cis-1,3-Dichloropropene	9.878	75	26742	6.54	ug/l #	59
56) Ethyl methacrylate	10.196	69	1752	0.49	ug/l #	38
57) 1,3-Dichloropropane	10.736	76	12876	3.41	ug/l #	42
59) 2-Hexanone	10.736	43	166410	76.40	ug/l #	50
71) Bromoform	12.376	173	629	0.24	ug/l #	1
74) N-amyl acetate	12.003	43	2408	0.46	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	80002	22.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	80002	57.42	ug/l #	15
95) Naphthalene	15.106	128	17527	5.20	ug/l	99

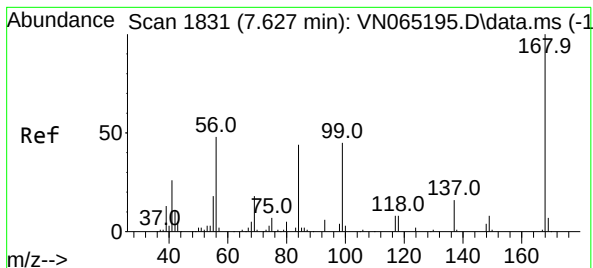
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 23:44:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.630 min Scan# 1832

Delta R.T. 0.003 min

Lab File: VN065530.D

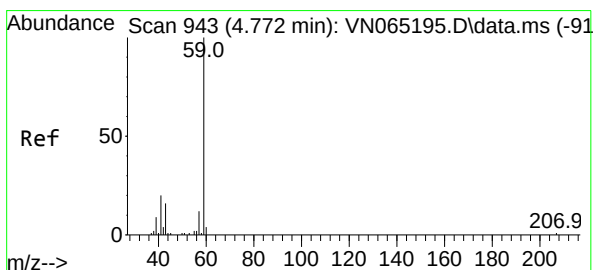
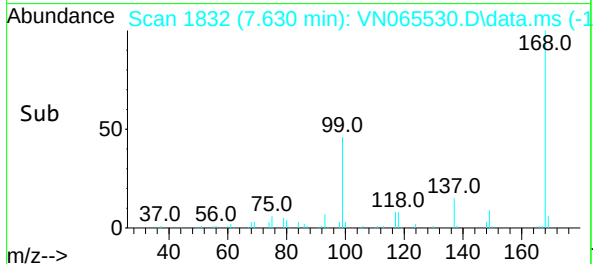
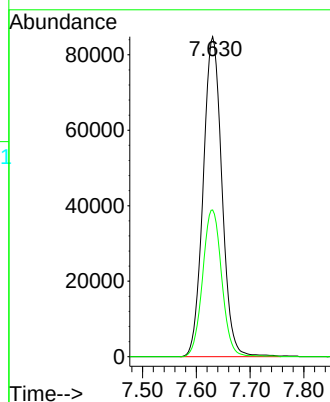
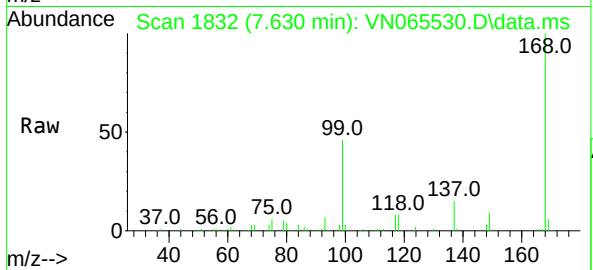
Acq: 15 Jan 2021 18:26

Tgt Ion:168 Resp: 205564

Ion Ratio Lower Upper

168 100

99 45.8 43.0 64.4



#11

Tert butyl alcohol

Concen: 15.34 ug/l

RT: 4.785 min Scan# 947

Delta R.T. 0.013 min

Lab File: VN065530.D

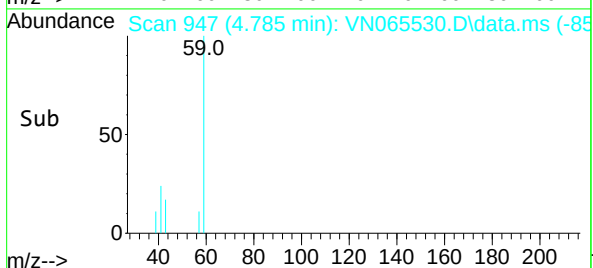
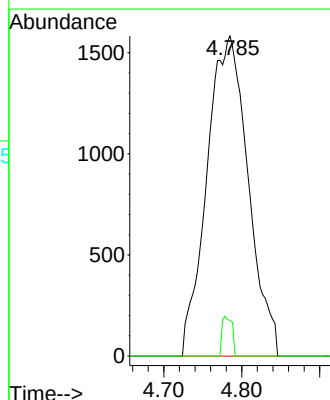
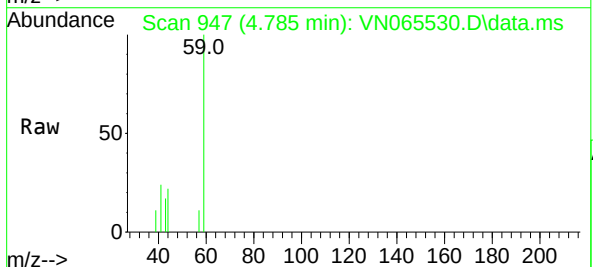
Acq: 15 Jan 2021 18:26

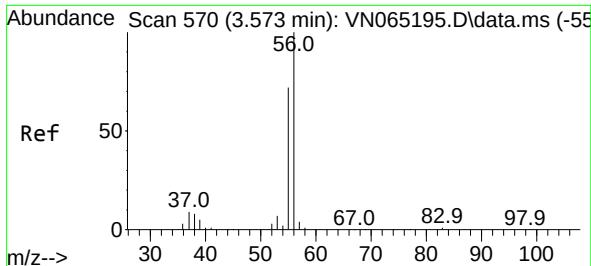
Tgt Ion: 59 Resp: 5826

Ion Ratio Lower Upper

59 100

57 3.0 7.9 11.9#

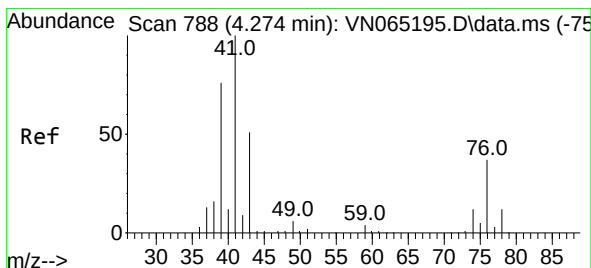
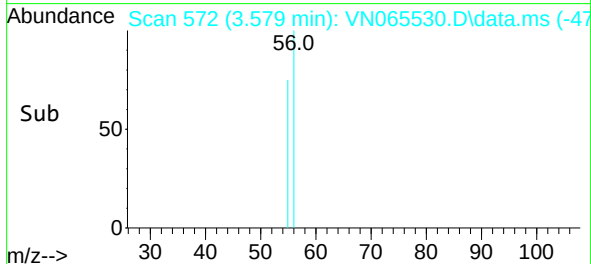
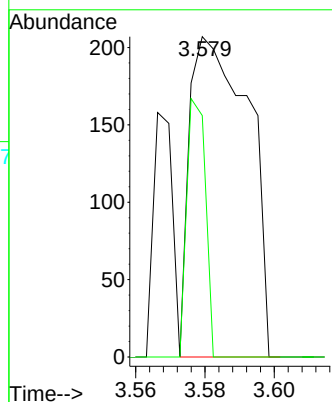
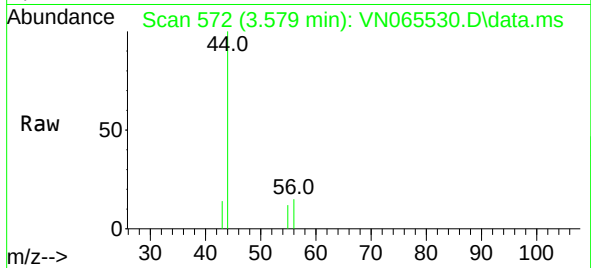




#13
Acrolein
Concen: 3.35 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

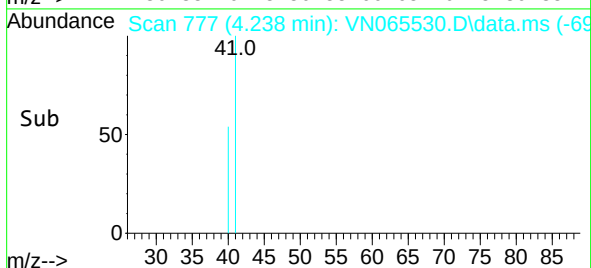
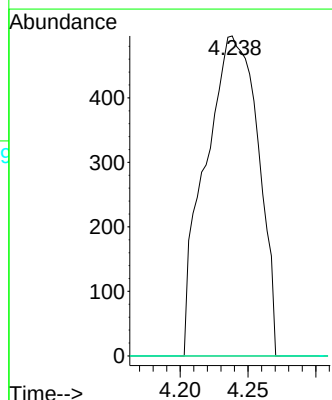
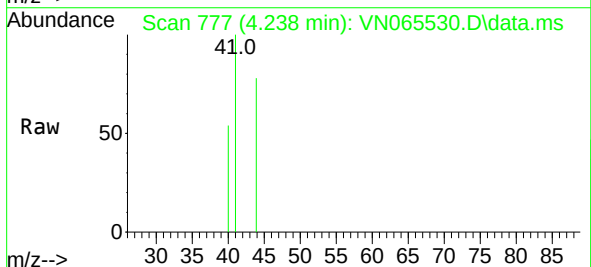
Instrument :
MSVOA_N
ClientSampleId :
VNJ-215

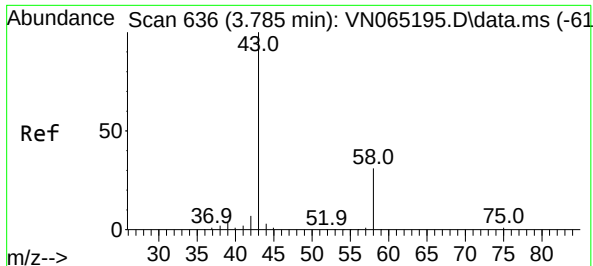
Tgt Ion: 56 Resp: 243
Ion Ratio Lower Upper
56 100
55 25.5 56.5 84.7#



#14
Allyl chloride
Concen: 0.40 ug/l
RT: 4.238 min Scan# 777
Delta R.T. -0.036 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 41 Resp: 1341
Ion Ratio Lower Upper
41 100
39 0.0 50.9 76.3#
76 0.0 29.0 43.4#

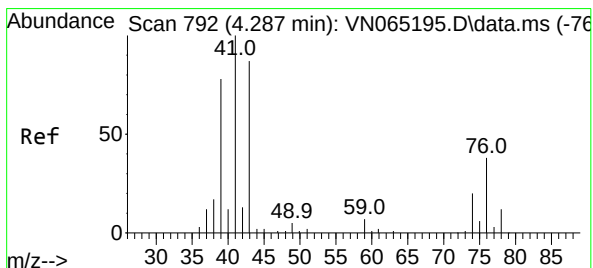
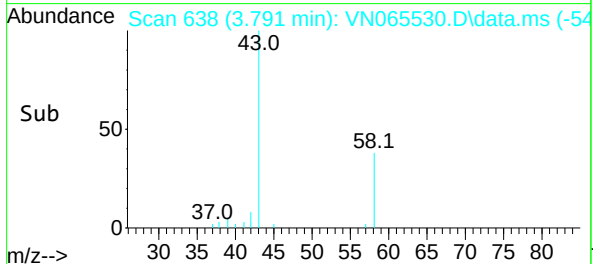
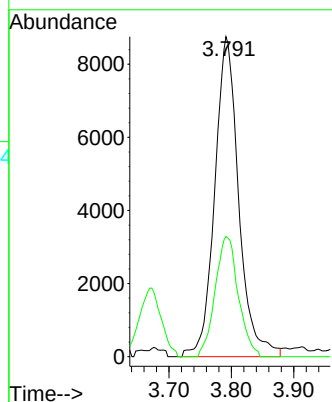
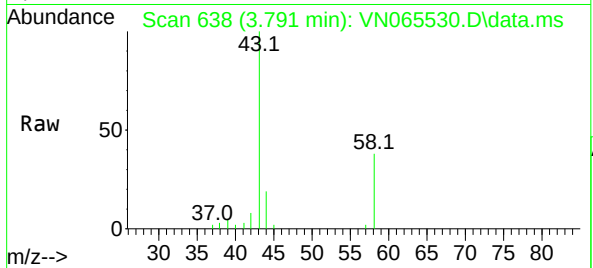




#16
Acetone
Concen: 13.86 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

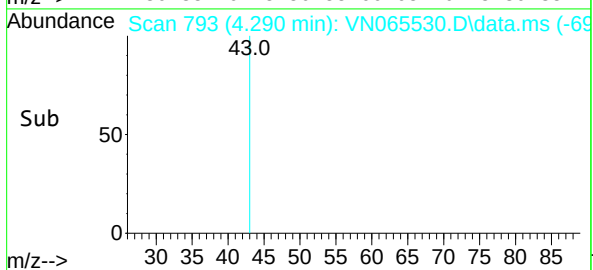
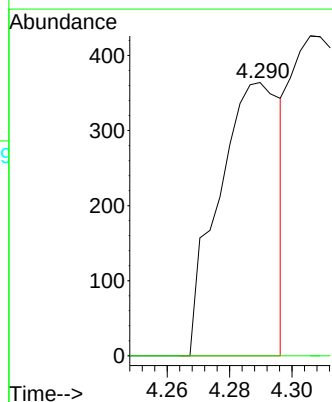
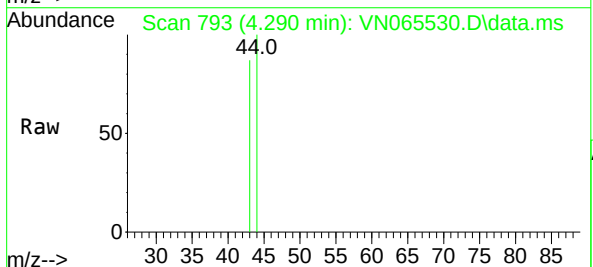
Instrument :
MSVOA_N
ClientSampled :
VNJ-215

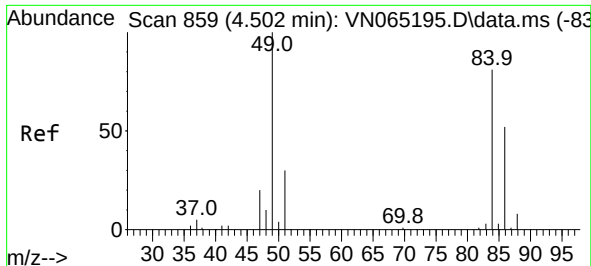
Tgt Ion: 43 Resp: 23392
Ion Ratio Lower Upper
43 100
58 37.6 25.7 38.5



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

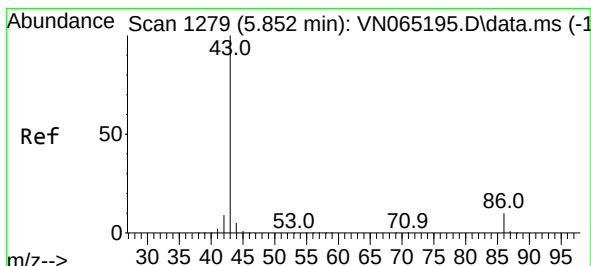
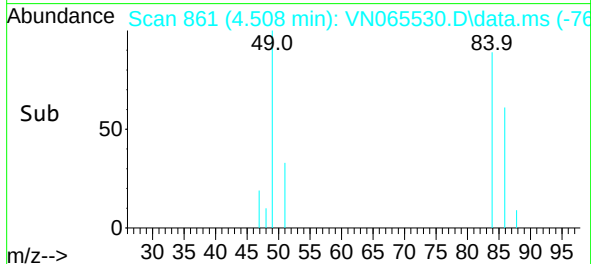
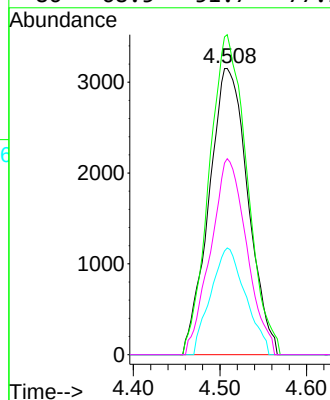
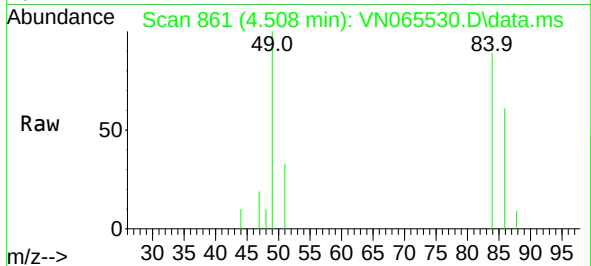




#20
Methylene Chloride
Concen: 4.34 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

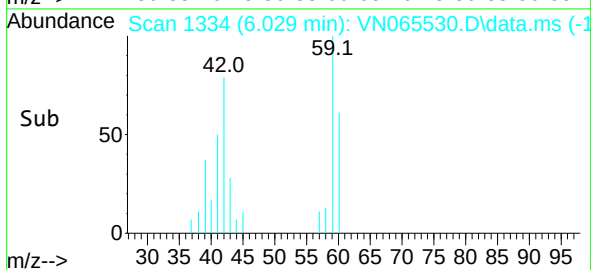
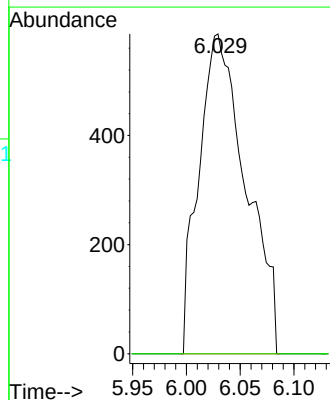
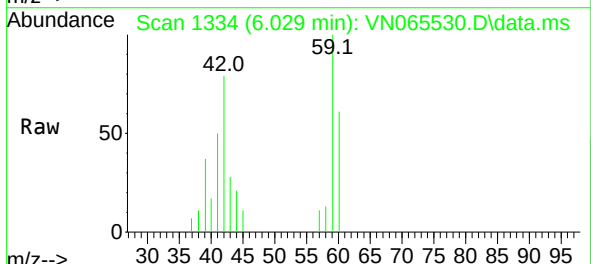
Instrument :
MSVOA_N
ClientSampleId :
VNJ-215

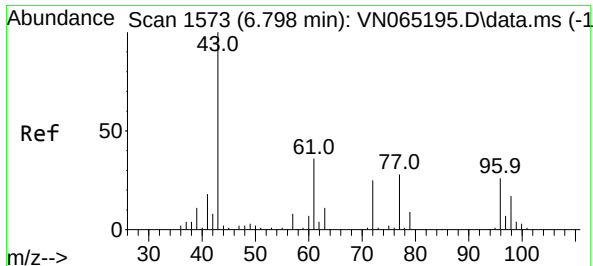
Tgt Ion:	84	Resp:	9836
Ion	Ratio	Lower	Upper
84	100		
49	111.8	93.4	140.0
51	37.3	28.2	42.4
86	68.5	51.7	77.5



#23
Vinyl Acetate
Concen: 0.32 ug/l
RT: 6.029 min Scan# 1334
Delta R.T. 0.177 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion:	43	Resp:	1789
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#

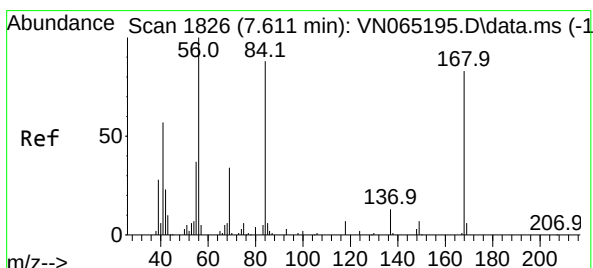
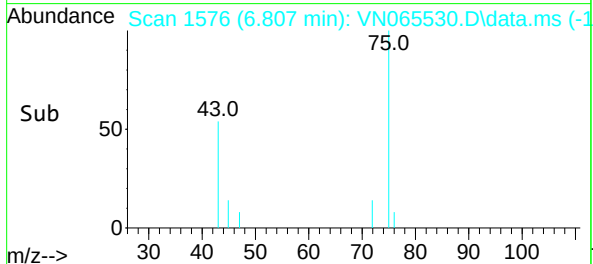
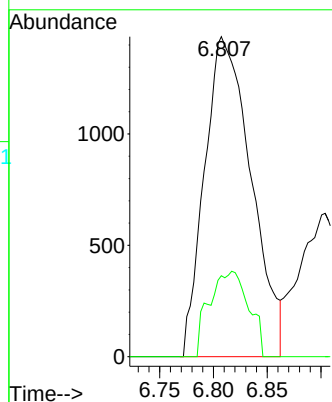
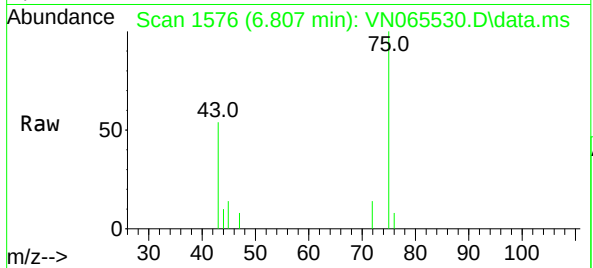




#25
2-Butanone
Concen: 3.32 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

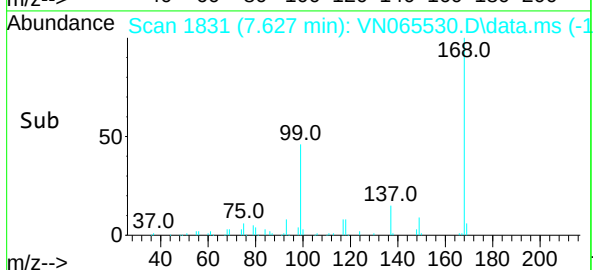
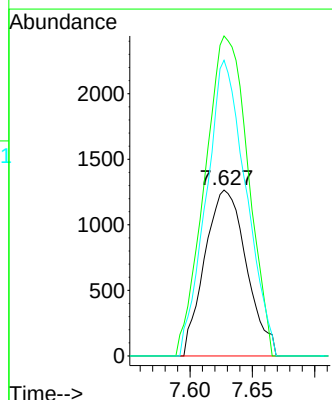
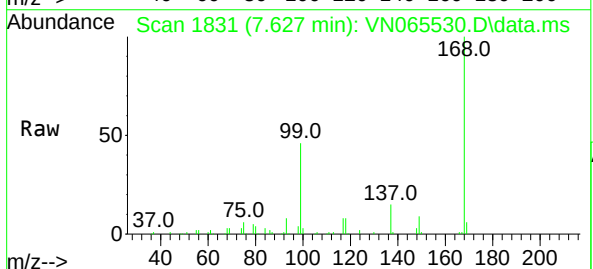
Instrument :
MSVOA_N
ClientSampled :
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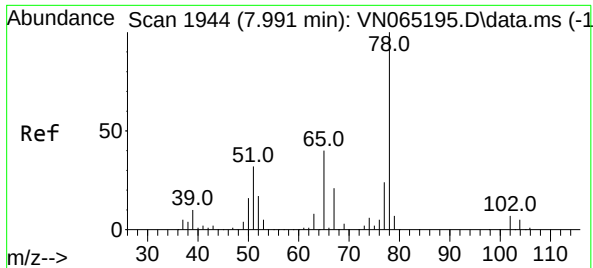
Tgt Ion: 43 Resp: 4331
Ion Ratio Lower Upper
43 100
72 25.3 21.0 31.6



#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 56 Resp: 2947
Ion Ratio Lower Upper
56 100
69 192.9 27.5 41.3#
84 178.3 73.9 110.9#

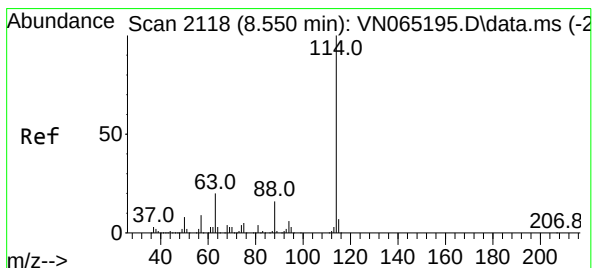
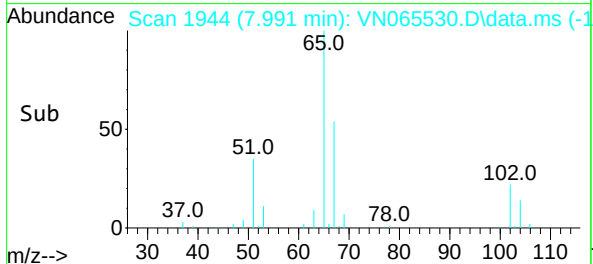
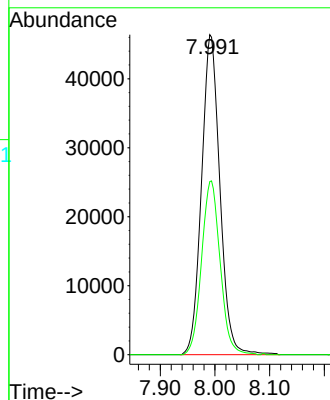
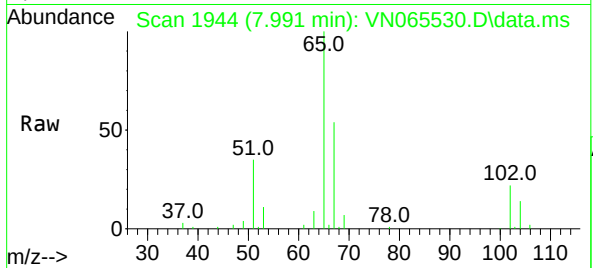




#33
1,2-Dichloroethane-d4
Concen: 46.54 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

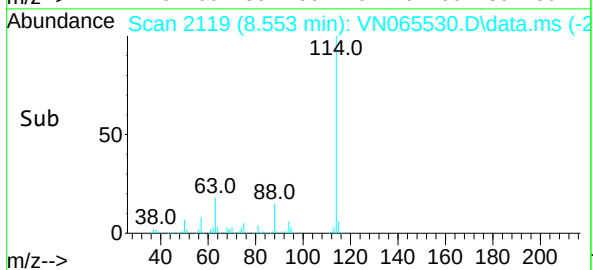
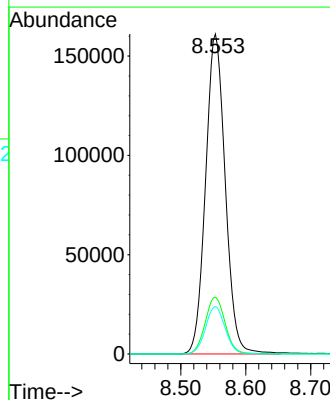
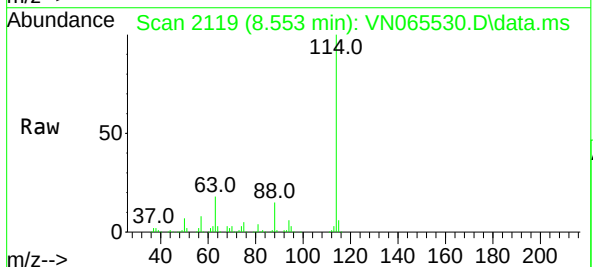
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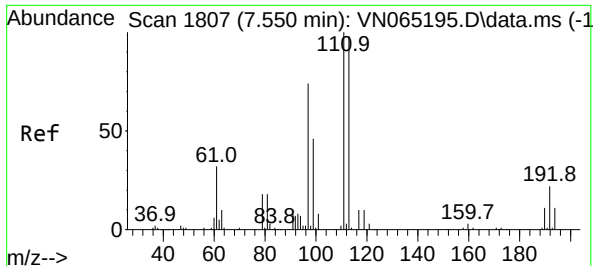
Tgt Ion: 65 Resp: 108015
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 114 Resp: 339262
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.6
88 14.8 0.0 32.6

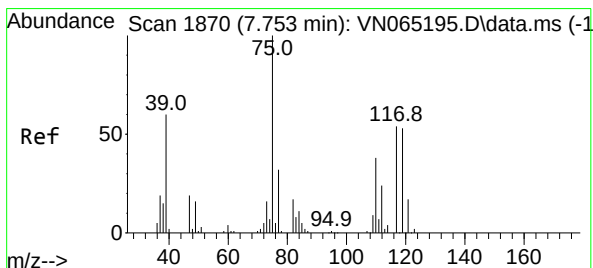
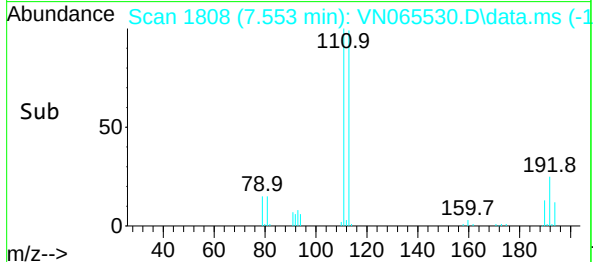
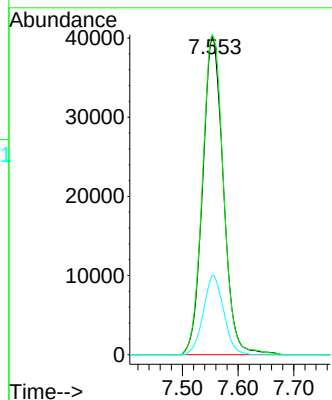
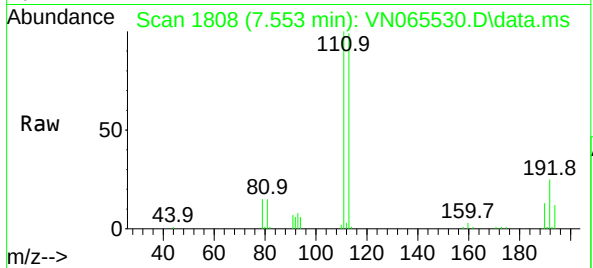




#35
Dibromofluoromethane
Concen: 50.66 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

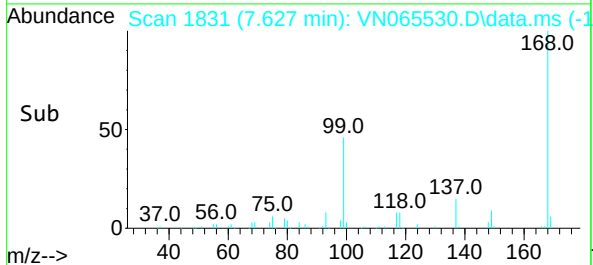
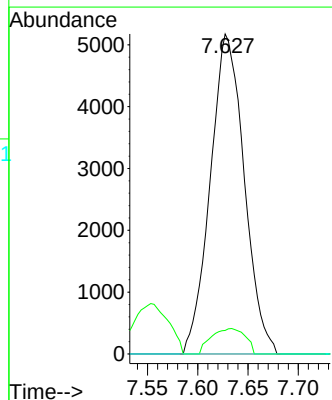
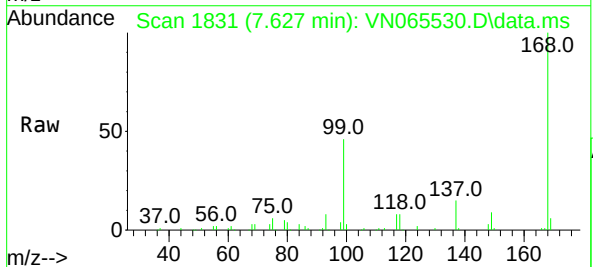
Instrument :
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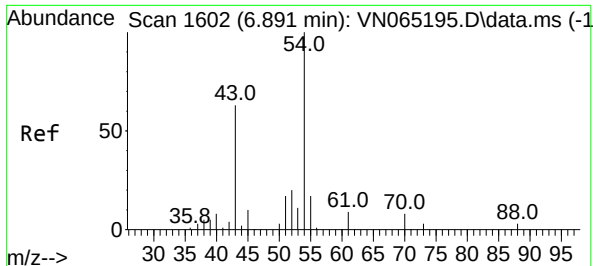
Tgt Ion:113 Resp: 103701
Ion Ratio Lower Upper
113 100
111 102.5 81.6 122.4
192 24.5 16.2 24.2#



#36
1,1-Dichloropropene
Concen: 3.94 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 75 Resp: 12157
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.64 ug/l

RT: 6.904 min Scan# 1606

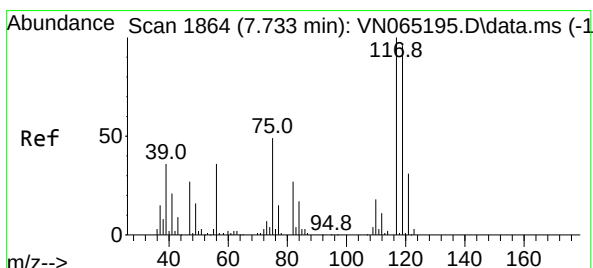
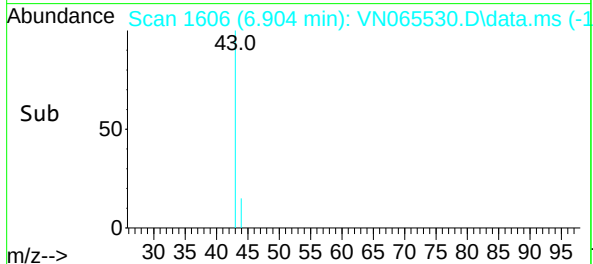
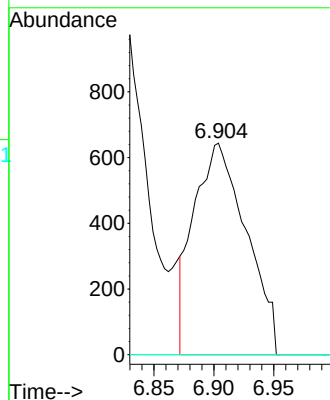
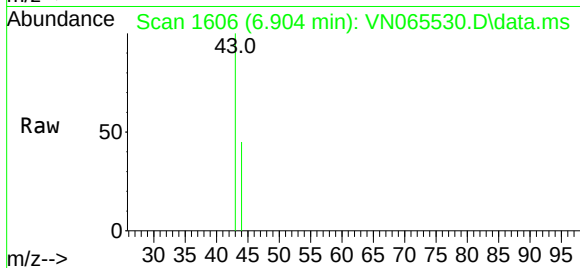
Delta R.T. 0.013 min

Lab File: VN065530.D

Acq: 15 Jan 2021 18:26

Instrument :
MSVOA_N
ClientSampled :
VNJ-215

Tgt Ion: 43	Resp:	1955
Ion	Ratio	Lower Upper
43	100	
61	0.0	12.8 19.2#
70	0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.17 ug/l

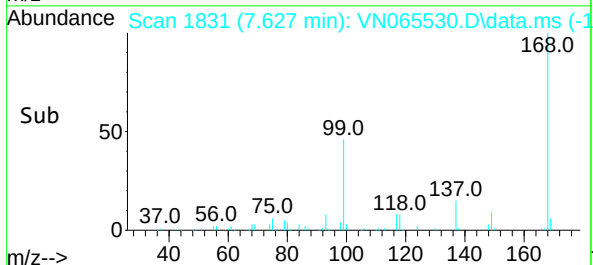
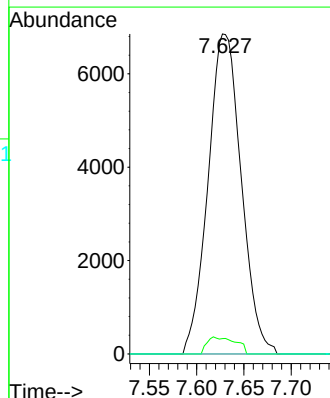
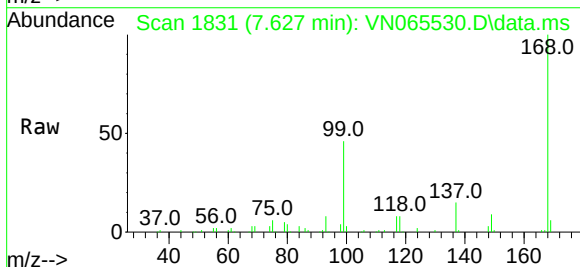
RT: 7.627 min Scan# 1831

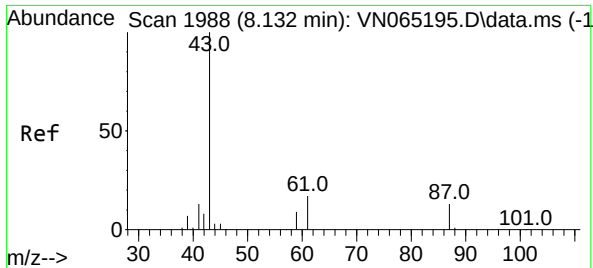
Delta R.T. -0.106 min

Lab File: VN065530.D

Acq: 15 Jan 2021 18:26

Tgt Ion: 117	Resp:	16739
Ion	Ratio	Lower Upper
117	100	
119	4.8	76.7 115.1#
121	0.0	25.4 38.2#

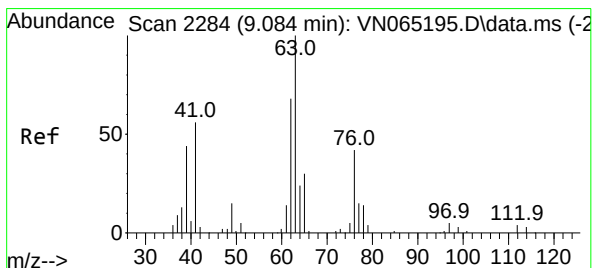
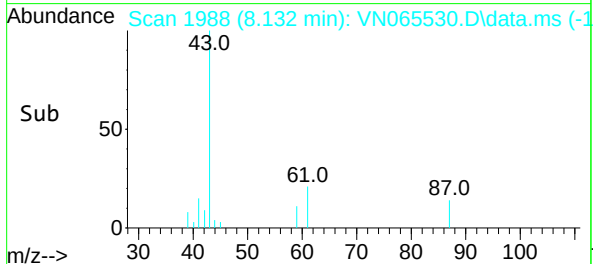
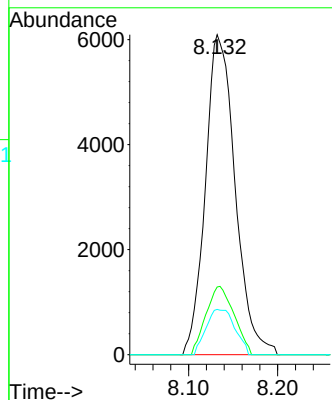
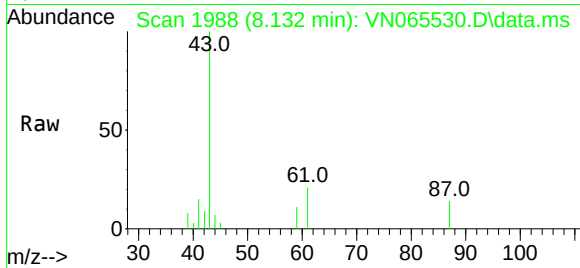




#43
Isopropyl Acetate
Concen: 2.68 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

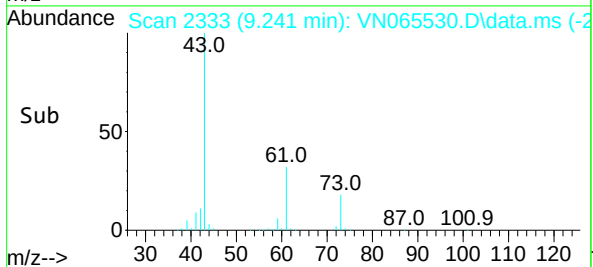
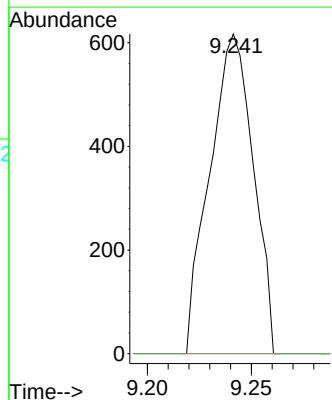
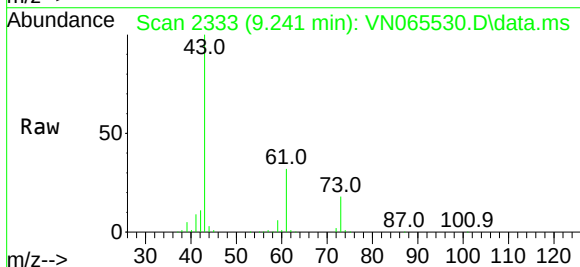
Instrument :
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ClientSampled :
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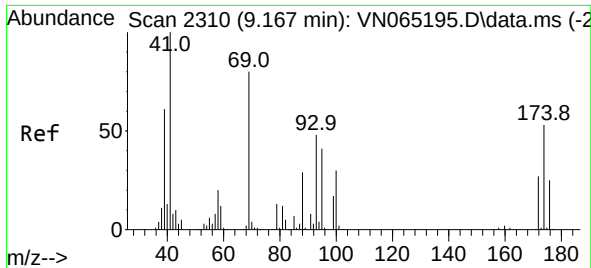
Tgt Ion: 43	Resp: 14138
Ion Ratio	Lower Upper
43 100	
61 20.1	17.2 25.8
87 13.7	11.4 17.0



#45
1,2-Dichloropropane
Concen: 0.38 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 63	Resp: 898
Ion Ratio	Lower Upper
63 100	
65 0.0	25.0 37.4#

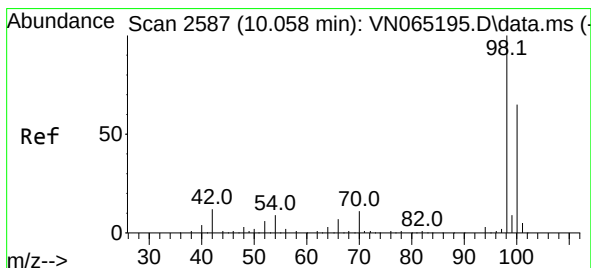
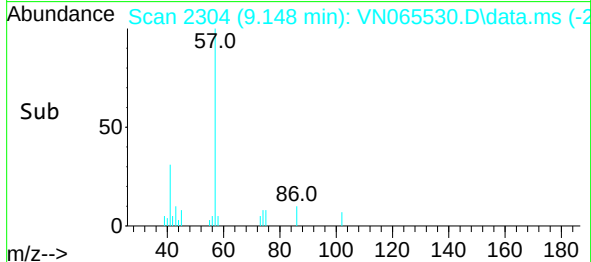
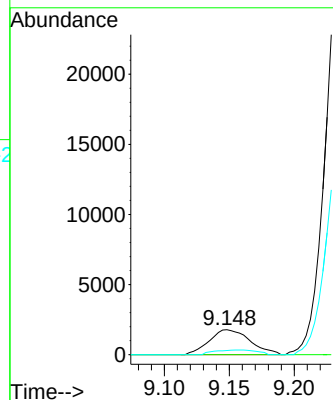
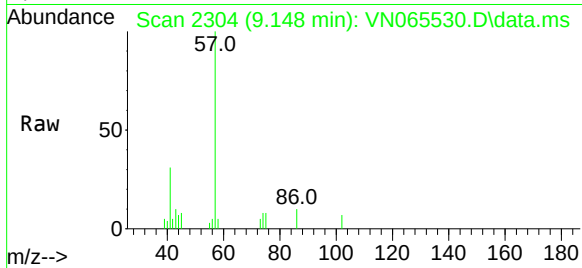




#48
Methyl methacrylate
Concen: 1.52 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

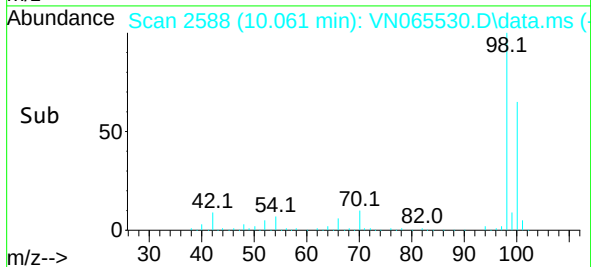
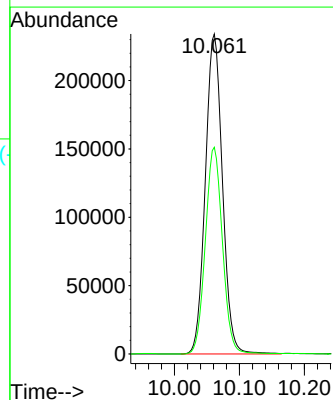
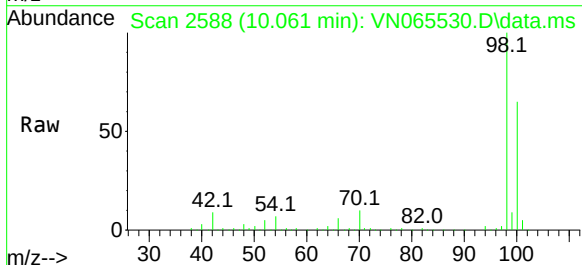
Instrument :
MSVOA_N
ClientSampled :
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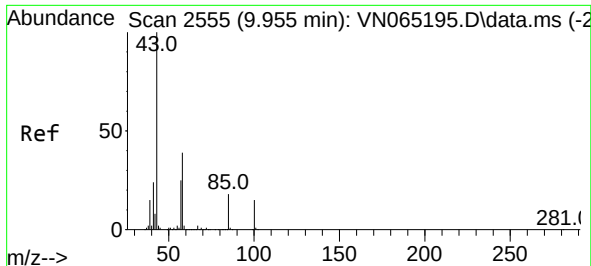
Tgt Ion: 41 Resp: 3901
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 56.02 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 98 Resp: 429770
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

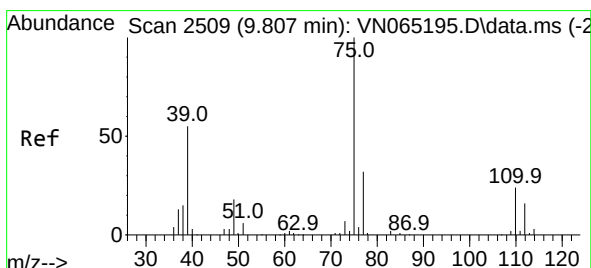
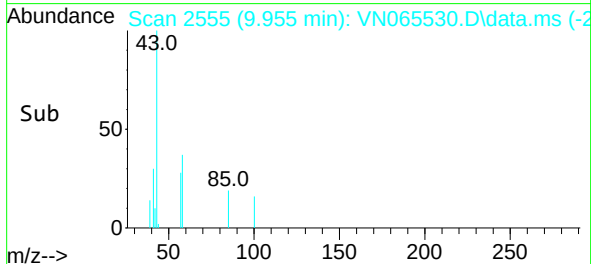
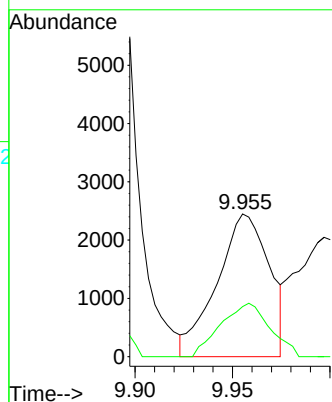
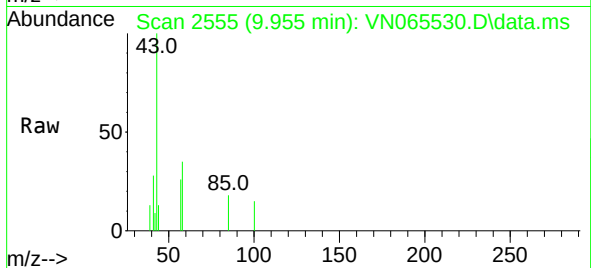




#51
4-Methyl-2-Pentanone
Concen: 1.54 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

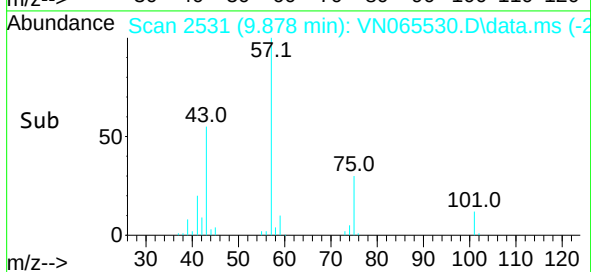
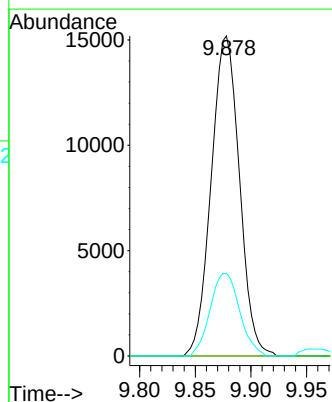
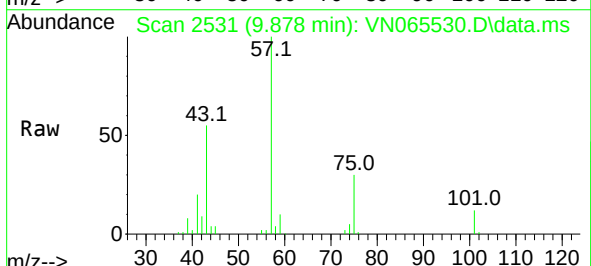
Instrument :
MSVOA_N
ClientSampleId :
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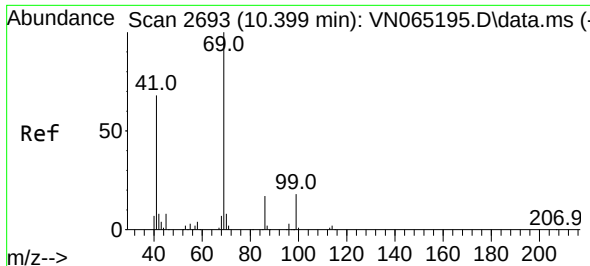
Tgt Ion: 43 Resp: 4557
Ion Ratio Lower Upper
43 100
58 35.4 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 6.54 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 75 Resp: 26742
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 25.8 35.6 53.4#

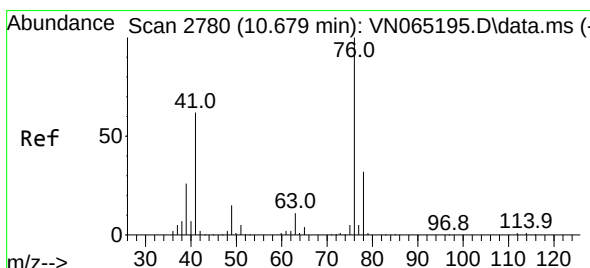
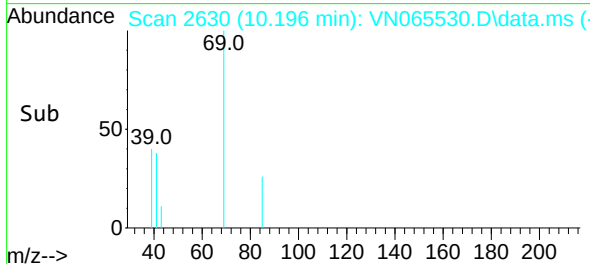
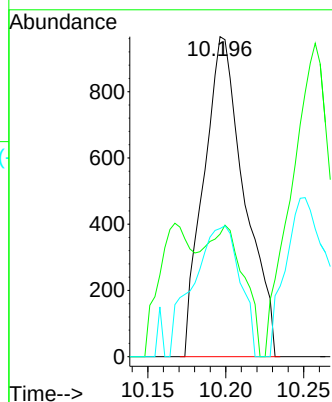
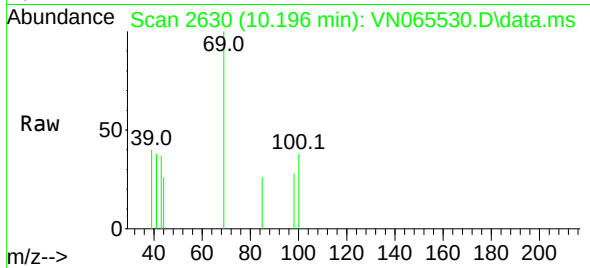




#56
Ethyl methacrylate
Concen: 0.49 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

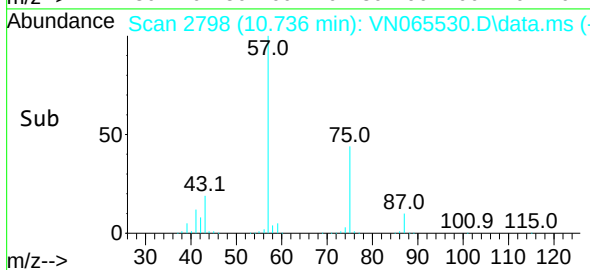
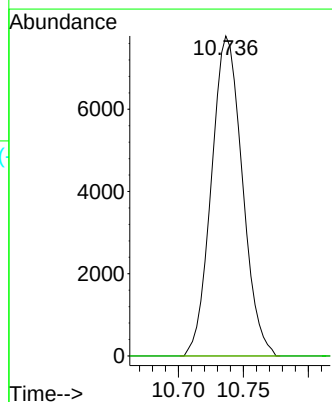
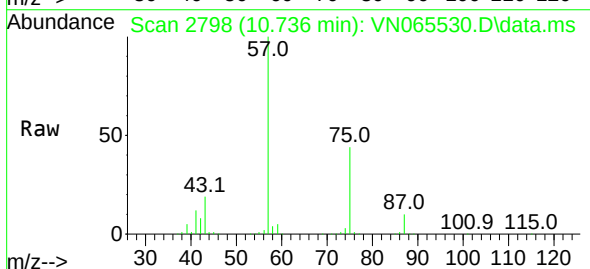
Instrument :
MSVOA_N
ClientSampled :
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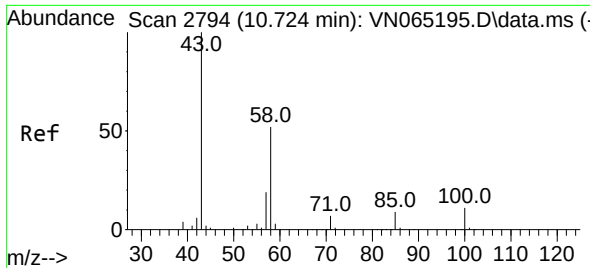
Tgt Ion: 69 Resp: 1752
Ion Ratio Lower Upper
69 100
41 0.0 49.4 74.0#
39 47.3 25.9 38.9#



#57
1,3-Dichloropropane
Concen: 3.41 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 76 Resp: 12876
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

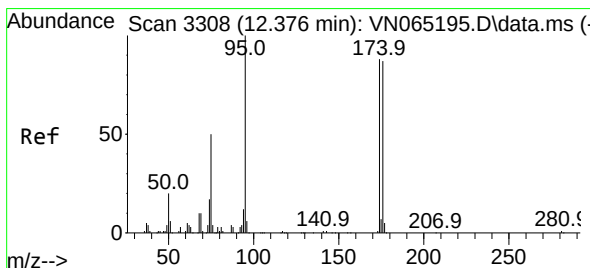
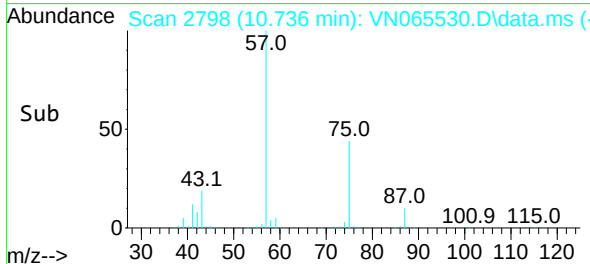
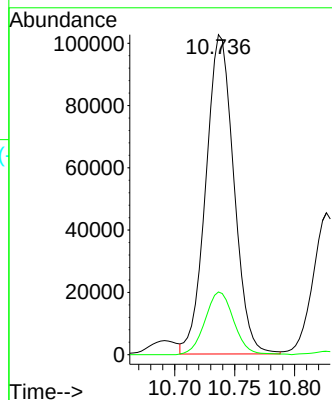
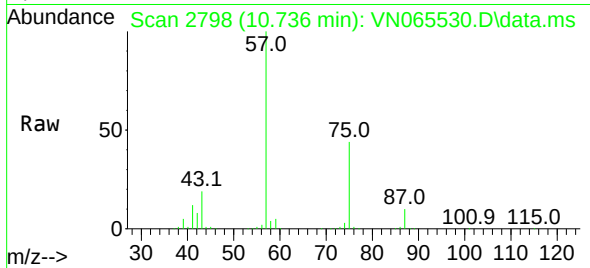




#59
2-Hexanone
Concen: 76.40 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

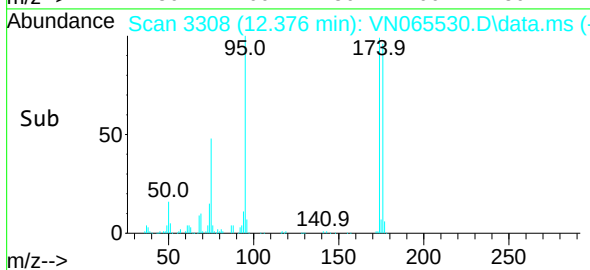
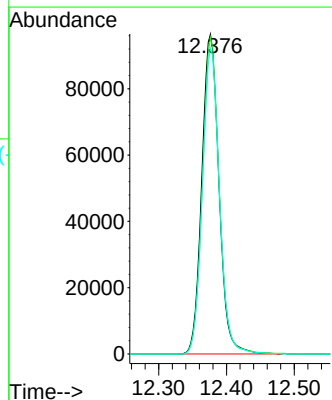
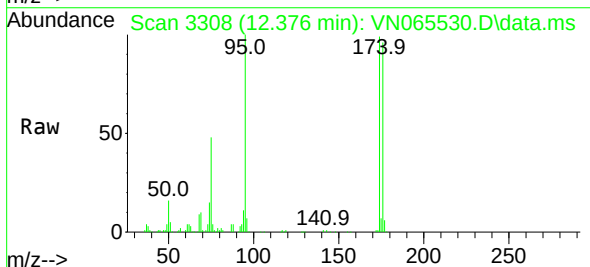
Instrument :
MSVOA_N
ClientSampleId :
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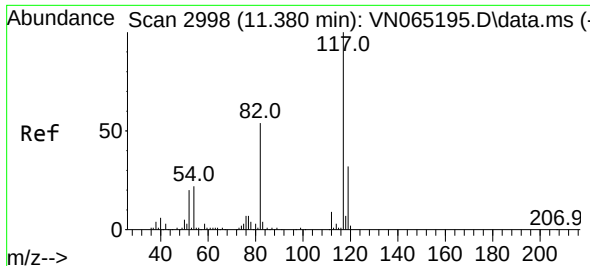
Tgt Ion: 43 Resp: 166410
Ion Ratio Lower Upper
43 100
58 20.2 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 55.28 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 95 Resp: 169527
Ion Ratio Lower Upper
95 100
174 97.6 0.0 160.4
176 94.5 0.0 158.4

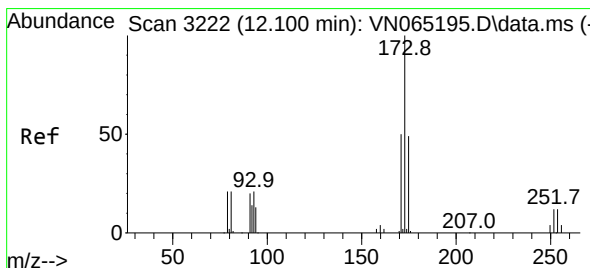
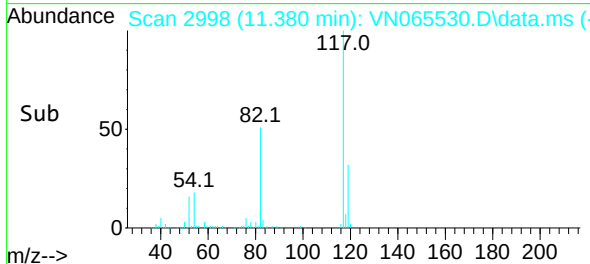
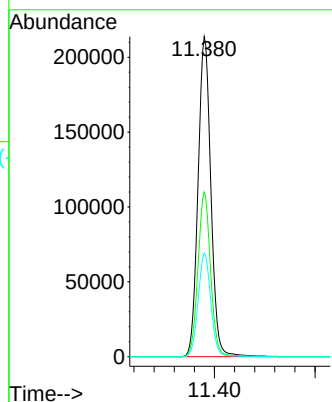
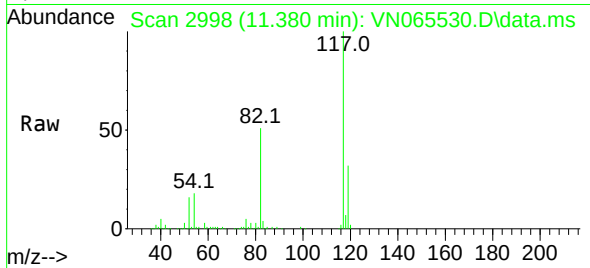




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

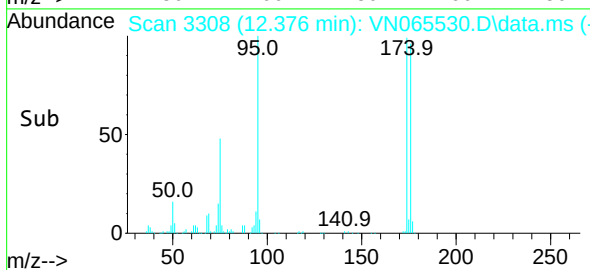
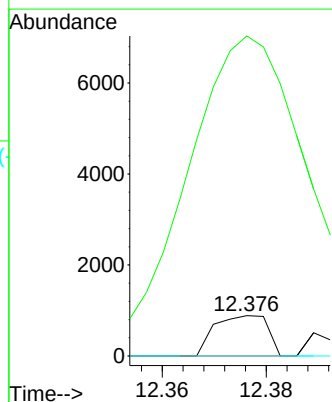
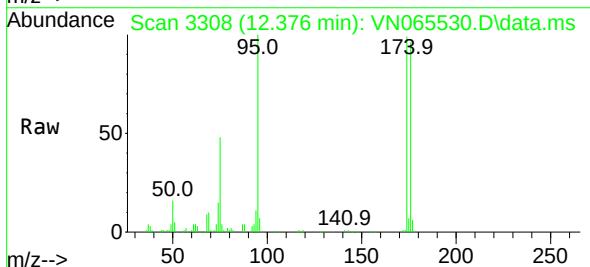
Instrument :
MSVOA_N
ClientSampled :
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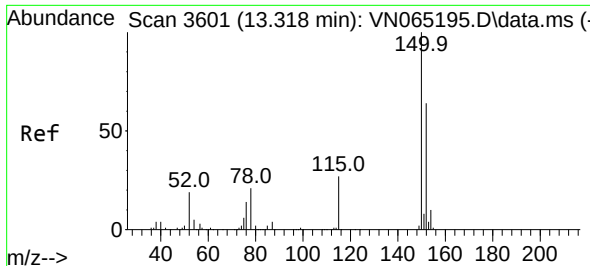
Tgt Ion:117 Resp: 378275
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.4 25.8 38.6



#71
Bromoform
Concen: 0.24 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion:173 Resp: 629
Ion Ratio Lower Upper
173 100
175 1552.3 24.3 72.8#
254 0.0 0.0 0.0

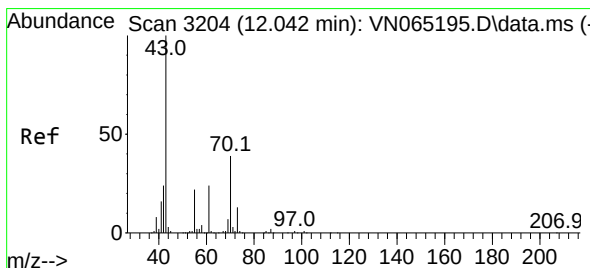
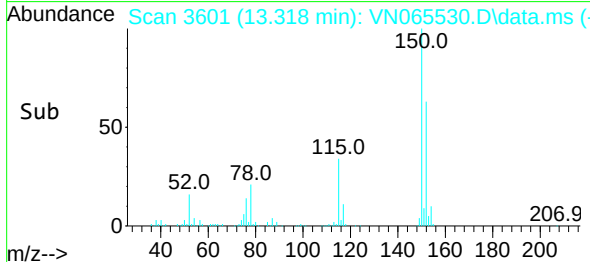
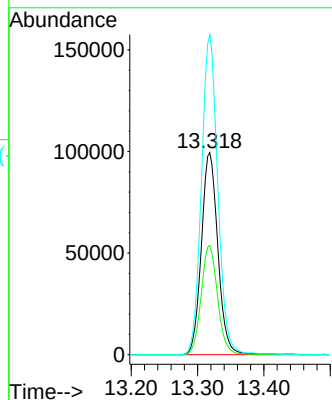
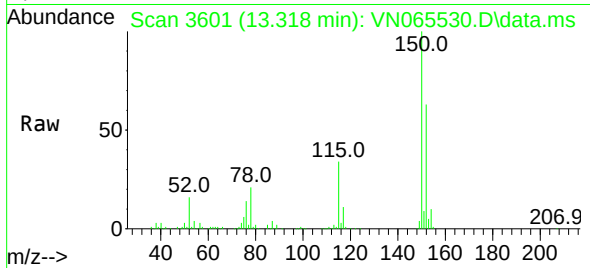




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

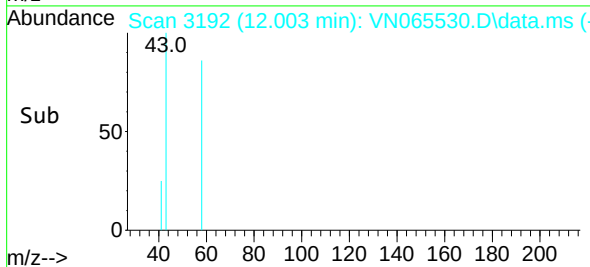
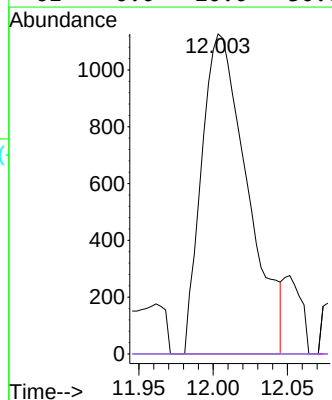
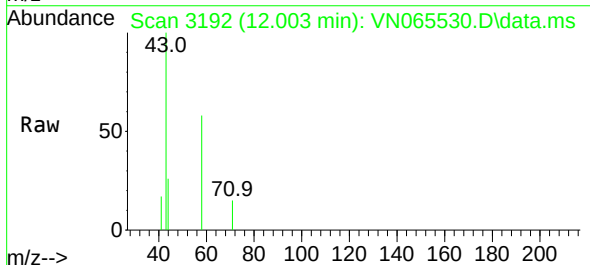
Instrument :
MSVOA_N
ClientSampleId :
VNJ-215

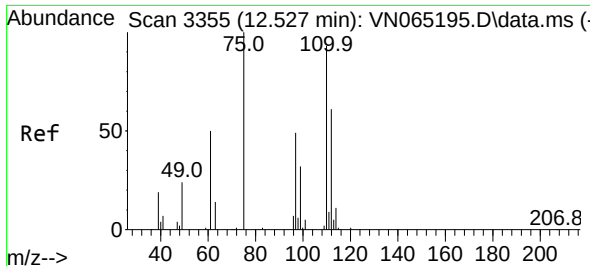
Tgt Ion:152 Resp: 172199
Ion Ratio Lower Upper
152 100
115 53.7 29.7 89.1
150 157.2 0.0 350.6



#74
N-ethyl acetate
Concen: 0.46 ug/l
RT: 12.003 min Scan# 3192
Delta R.T. -0.039 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 43 Resp: 2408
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 20.4 30.6#
61 0.0 20.0 30.0#

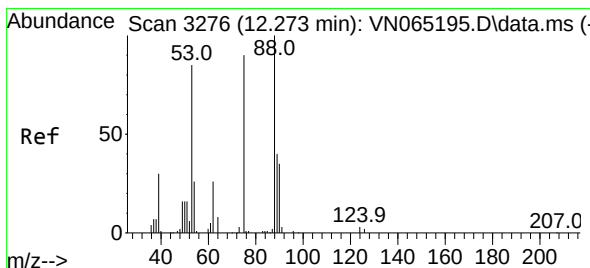
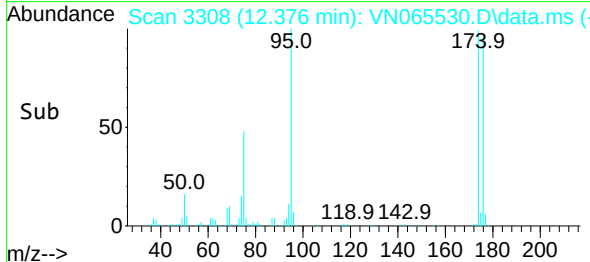
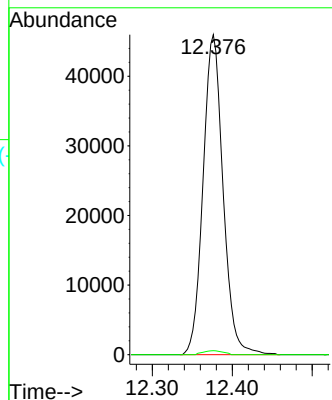
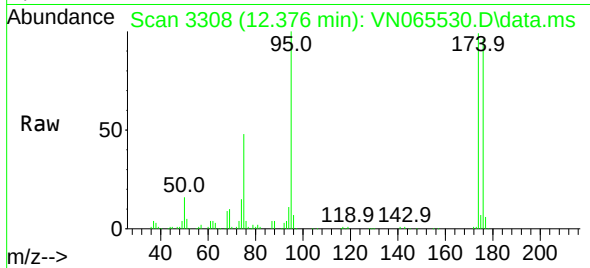




#76
1,2,3-Trichloropropane
Concen: 22.77 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

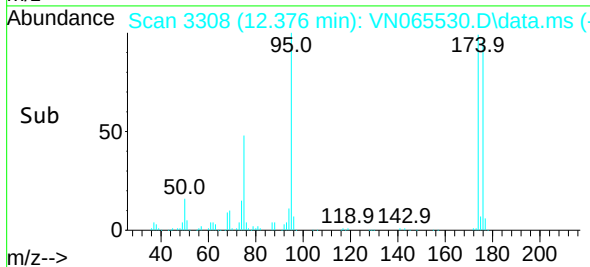
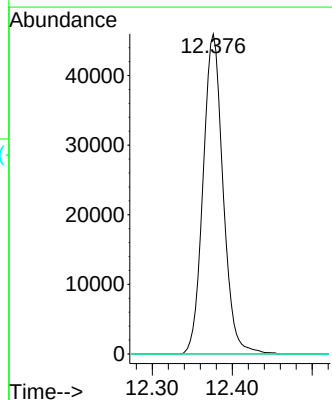
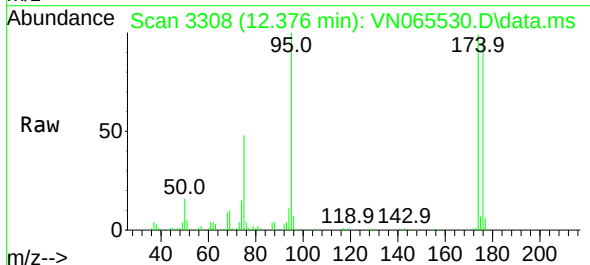
Instrument :
MSVOA_N
ClientSampleId :
VNJ-215

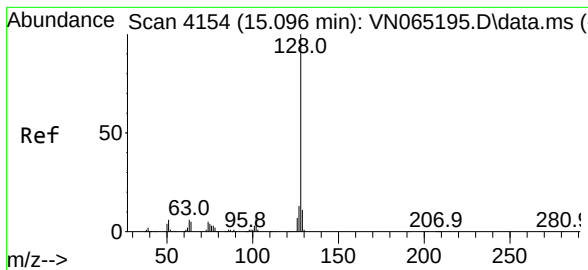
Tgt Ion: 75 Resp: 80002
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Tgt Ion: 75 Resp: 80002
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 5.20 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065530.D
Acq: 15 Jan 2021 18:26

Instrument :
MSVOA_N
ClientSampleId :
VNJ-215

Tgt Ion:128 Resp: 17527
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.3 8.7 13.1

