

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065411.D
 Acq On : 6 Jan 2021 19:46
 Operator : JC/MD
 Sample : M1022-15 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41095DL

Quant Time: Jan 07 01:31:05 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)

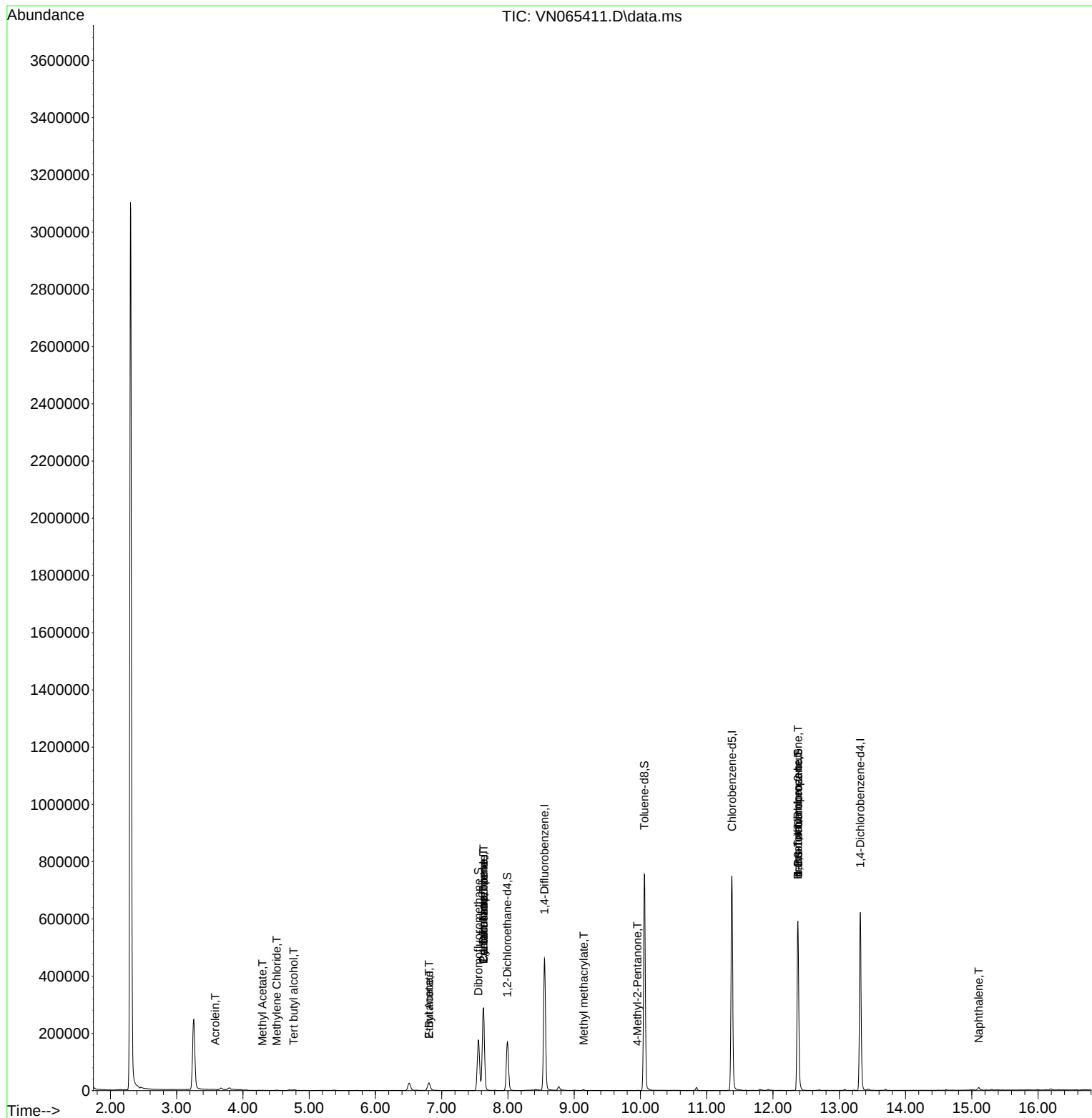
Internal Standards						
1) Pentafluorobenzene	7.631	168	262608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	445231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	475227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	192624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	150064	50.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 101.24%		
35) Dibromofluoromethane	7.553	113	134895	50.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 100.44%		
50) Toluene-d8	10.058	98	557605	55.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 110.78%		
62) 4-Bromofluorobenzene	12.376	95	211260	52.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 105.50%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.766	59	5256	10.84	ug/l #	80
13) Acrolein	3.582	56	188	2.98	ug/l #	1
16) Acetone	3.795	43	9894	Below Cal		89
18) Methyl Acetate	4.293	43	1920	0.72	ug/l #	59
20) Methylene Chloride	4.508	84	1143	0.40	ug/l #	78
25) 2-Butanone	6.807	43	27356	16.44	ug/l	98
31) Cyclohexane	7.627	56	4223	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16874	4.17	ug/l #	49
37) Ethyl Acetate	6.807	43	27356	6.82	ug/l #	67
38) Carbon Tetrachloride	7.631	117	21385	5.03	ug/l #	16
48) Methyl methacrylate	9.145	41	1030	0.31	ug/l #	32
51) 4-Methyl-2-Pentanone	9.952	43	1259	0.32	ug/l #	61
71) Bromoform	12.373	173	1310	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	102984	26.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	102984	66.08	ug/l #	15
95) Naphthalene	15.106	128	9860	4.29	ug/l	97

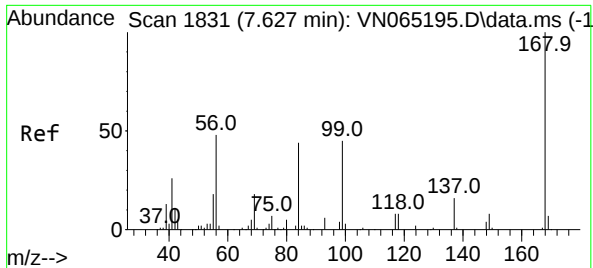
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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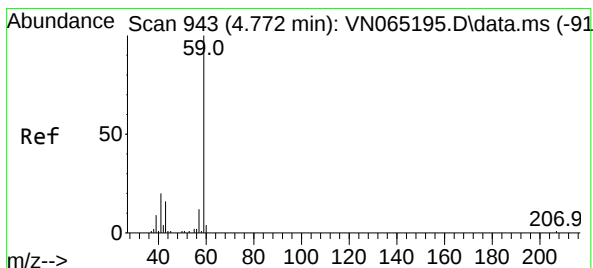
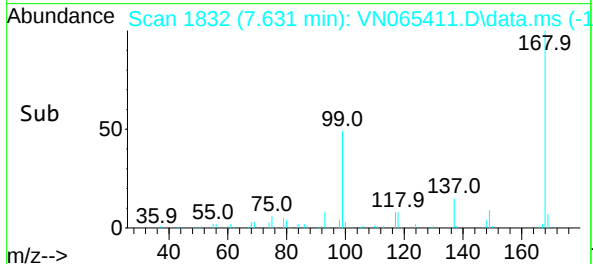
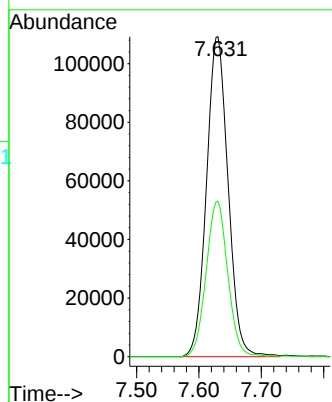
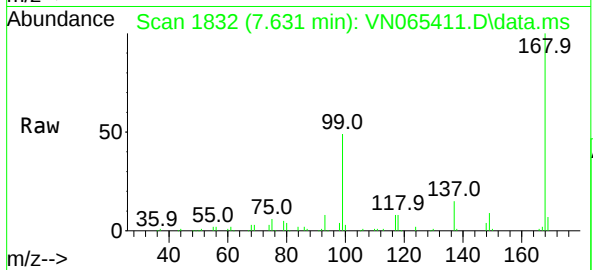




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

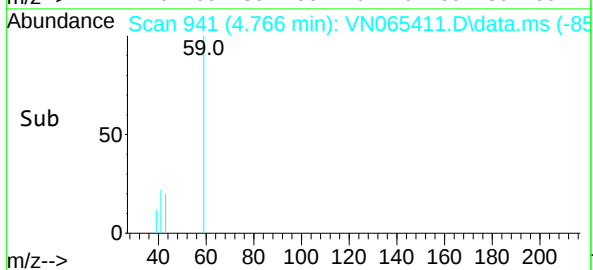
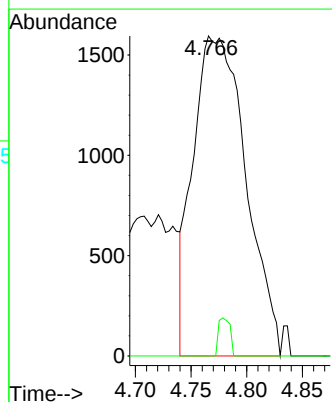
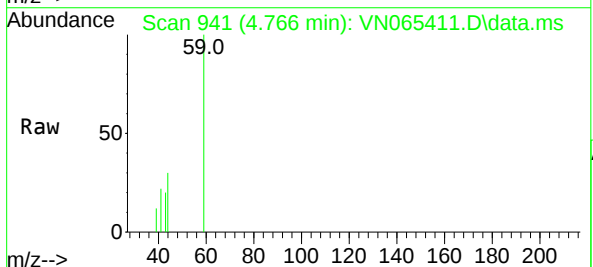
Instrument :
MSVOA_N
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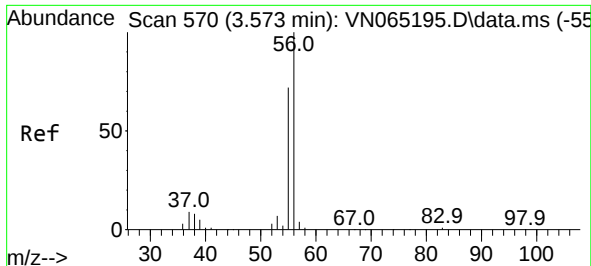
Tgt Ion:168 Resp: 262608
Ion Ratio Lower Upper
168 100
99 48.5 43.0 64.4



#11
Tert butyl alcohol
Concen: 10.84 ug/l
RT: 4.766 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion: 59 Resp: 5256
Ion Ratio Lower Upper
59 100
57 2.6 7.9 11.9#

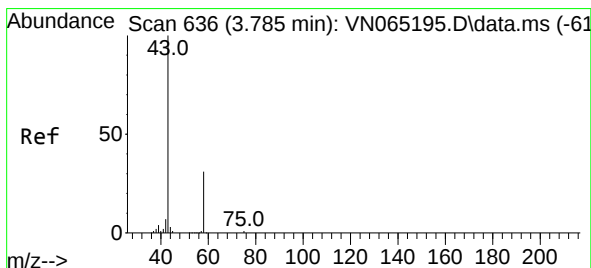
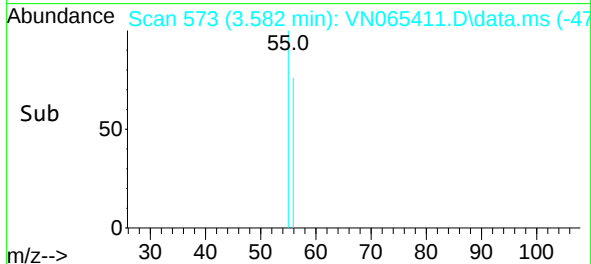
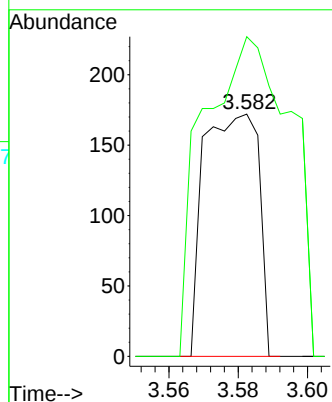
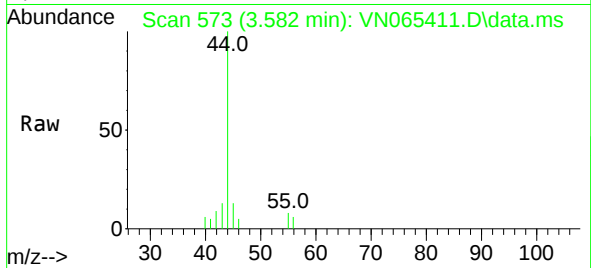




#13
Acrolein
Concen: 2.98 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.009 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

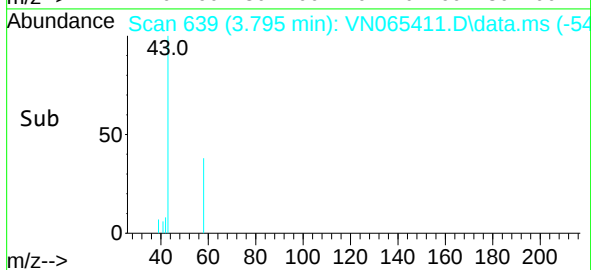
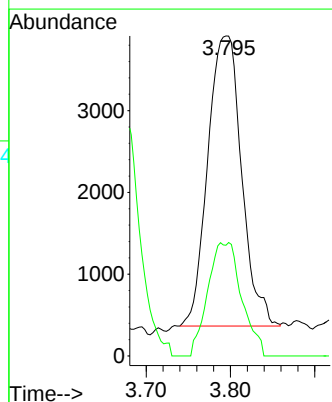
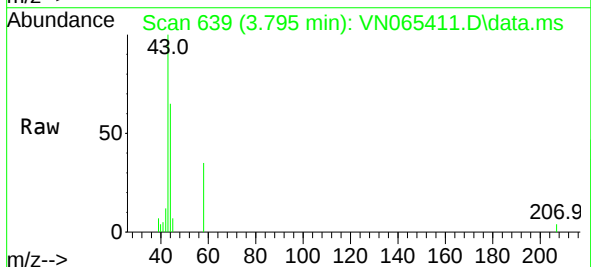
Instrument :
MSVOA_N
ClientSampleId :
41095DL

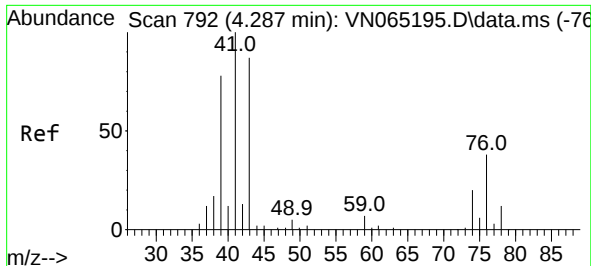
Tgt Ion: 56 Resp: 188
Ion Ratio Lower Upper
56 100
55 210.1 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion: 43 Resp: 9894
Ion Ratio Lower Upper
43 100
58 38.2 25.7 38.5

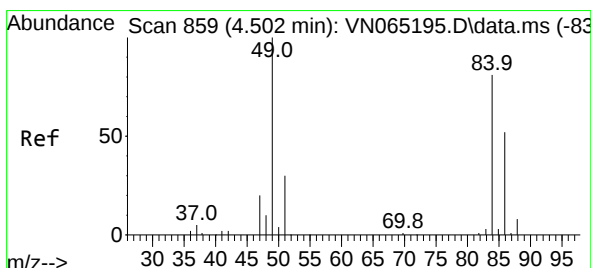
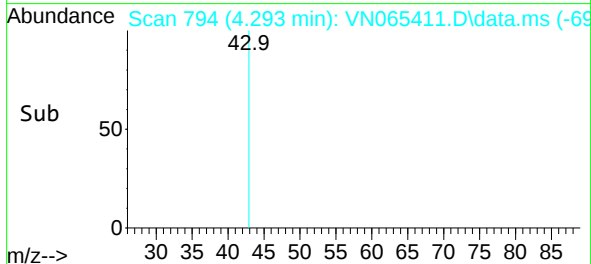
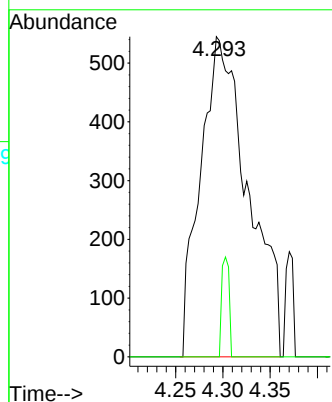
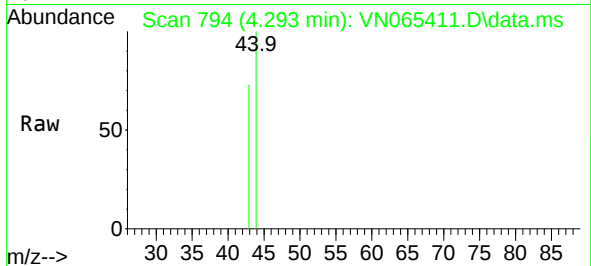




#18
Methyl Acetate
Concen: 0.72 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

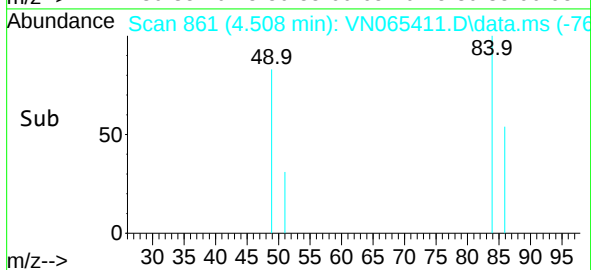
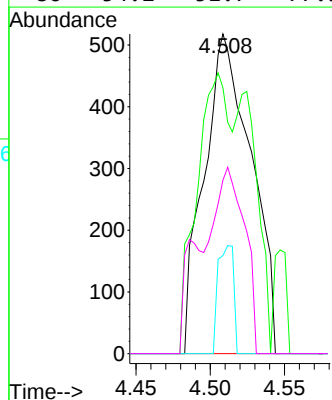
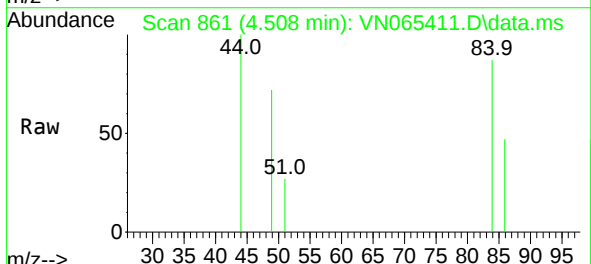
Instrument :
MSVOA_N
ClientSampleID :
41095DL

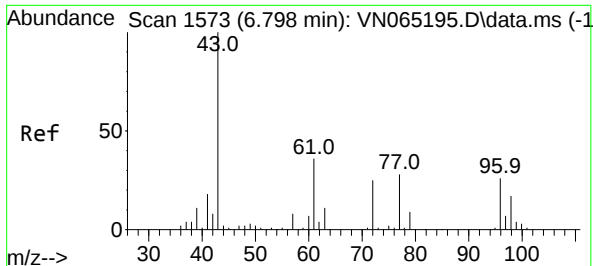
Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
74 4.8 20.2 30.2#



#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion: 84 Resp: 1143
Ion Ratio Lower Upper
84 100
49 83.2 93.4 140.0#
51 30.7 28.2 42.4
86 54.2 51.7 77.5

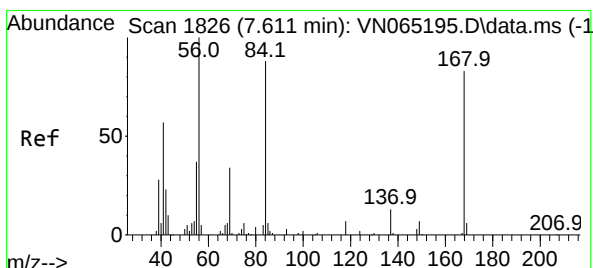
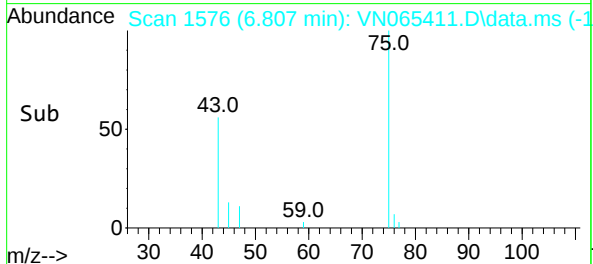
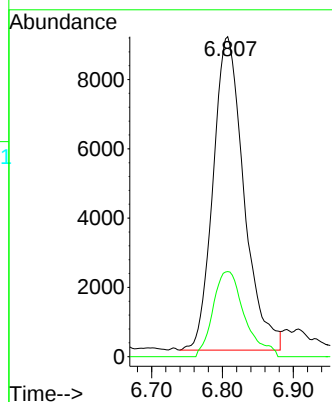
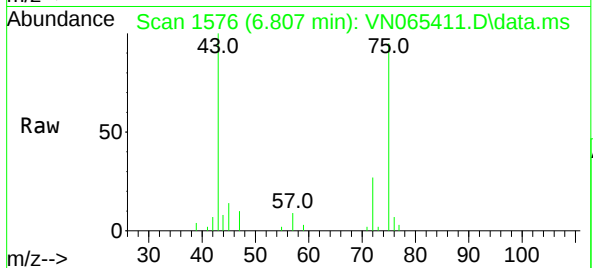




#25
2-Butanone
Concen: 16.44 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

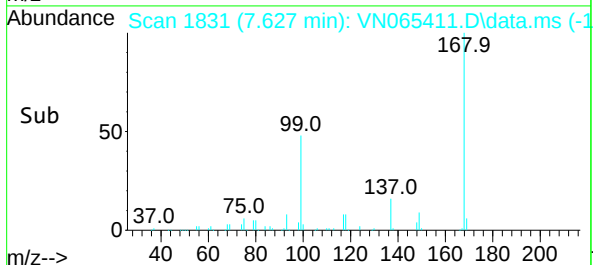
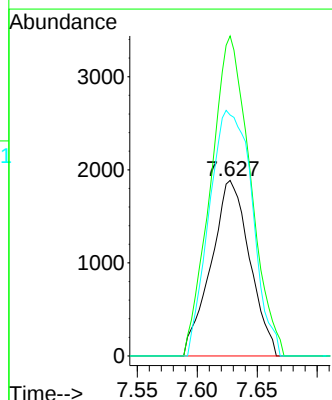
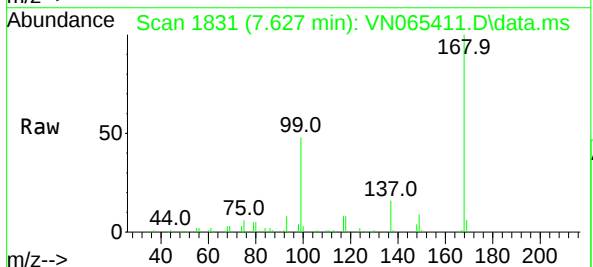
Instrument :
MSVOA_N
ClientSampleId :
41095DL

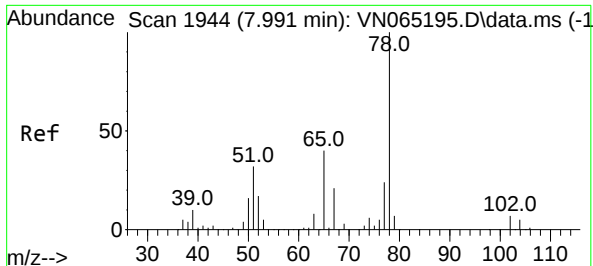
Tgt Ion: 43 Resp: 27356
Ion Ratio Lower Upper
43 100
72 27.1 21.0 31.6



#31
Cyclohexane
Concen: 0.96 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion: 56 Resp: 4223
Ion Ratio Lower Upper
56 100
69 182.4 27.5 41.3#
84 137.3 73.9 110.9#

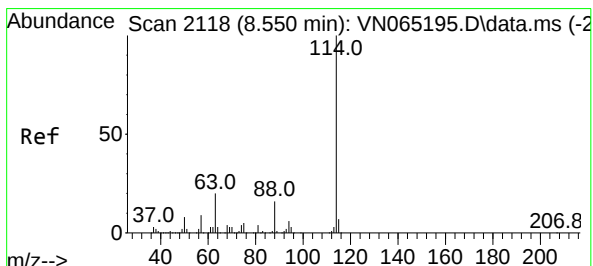
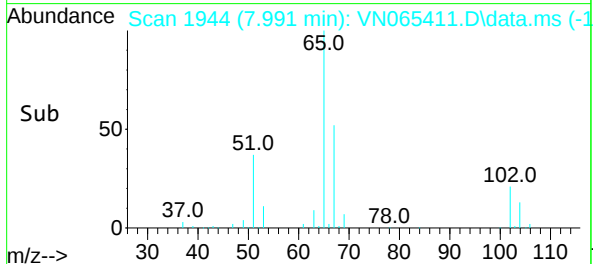
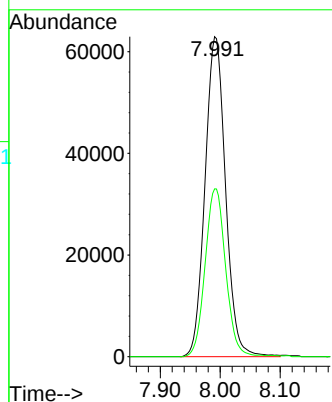
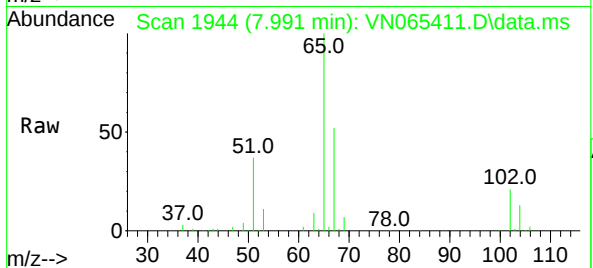




#33
1,2-Dichloroethane-d4
Concen: 50.62 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

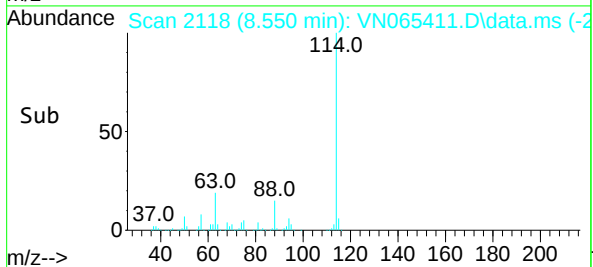
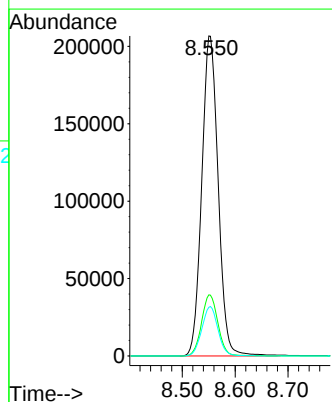
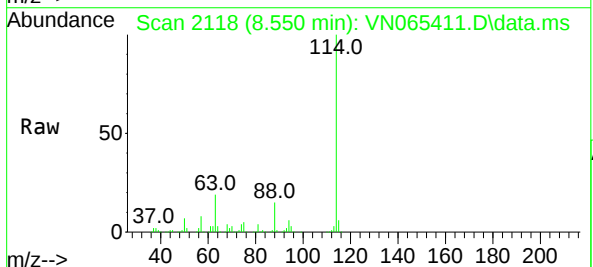
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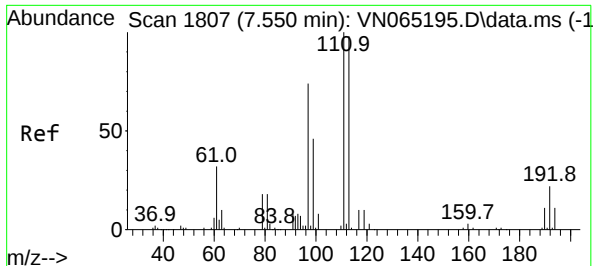
Tgt Ion: 65 Resp: 150064
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion: 114 Resp: 445231
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.2 0.0 32.6

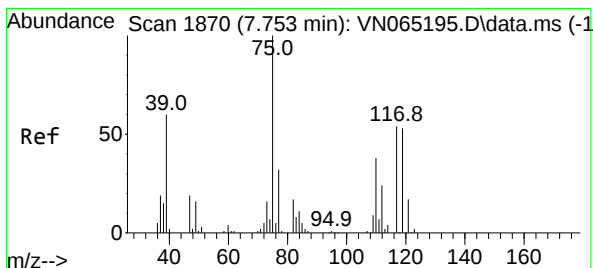
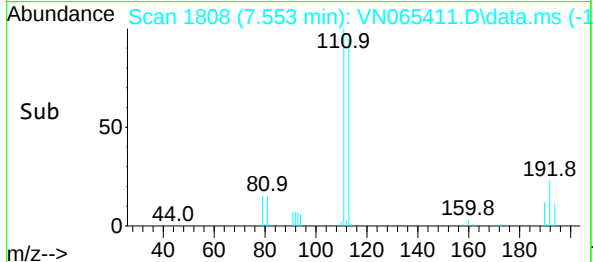
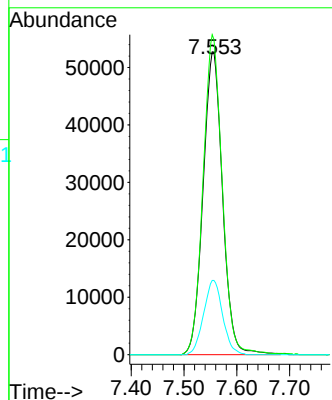
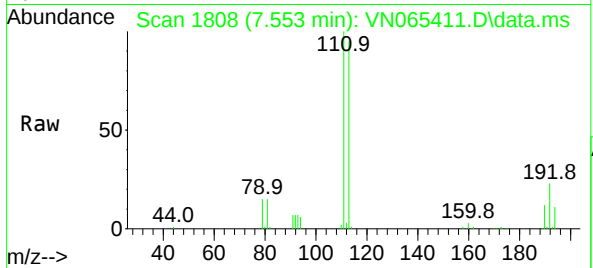




#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

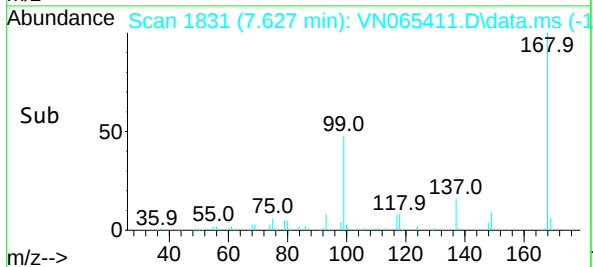
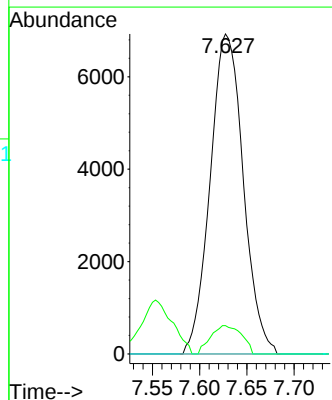
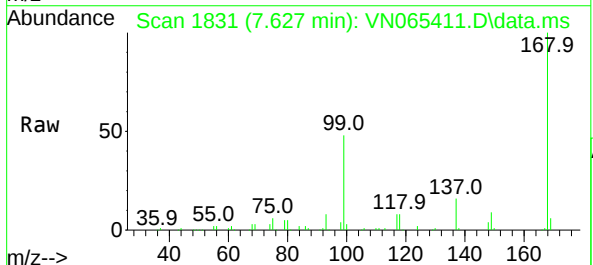
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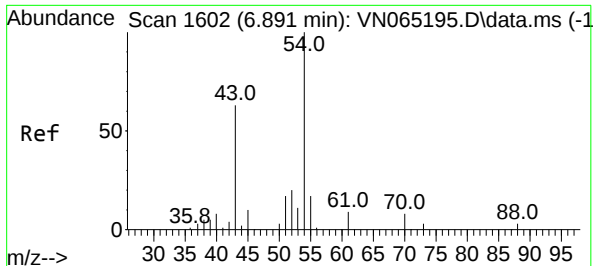
Tgt Ion:113 Resp: 134895
Ion Ratio Lower Upper
113 100
111 103.8 81.6 122.4
192 24.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion: 75 Resp: 16874
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 6.82 ug/l

RT: 6.807 min Scan# 1576

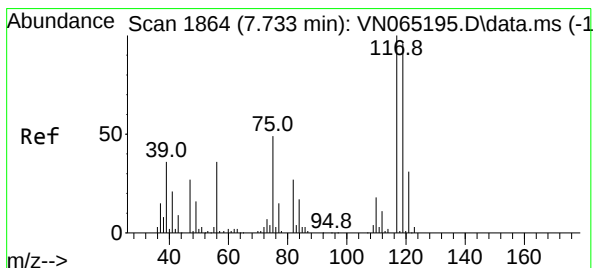
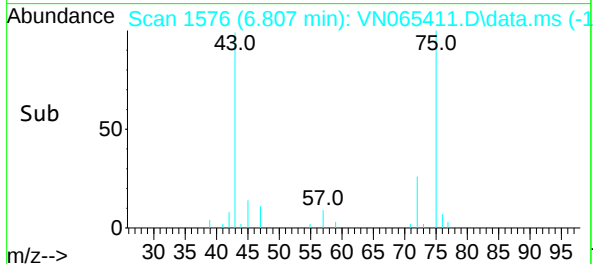
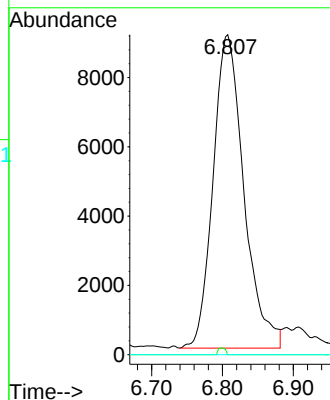
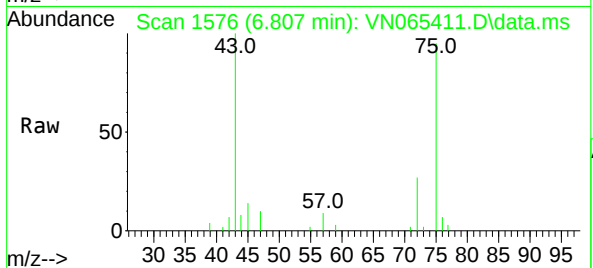
Delta R.T. -0.084 min

Lab File: VN065411.D

Acq: 6 Jan 2021 19:46

Instrument :
MSVOA_N
ClientSampleId :
41095DL

Tgt Ion: 43	Resp: 27356
Ion Ratio	Lower Upper
43 100	
61 0.5	12.8 19.2#
70 0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.03 ug/l

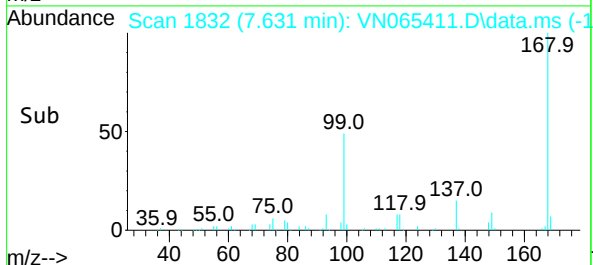
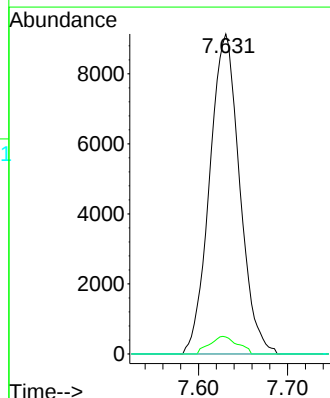
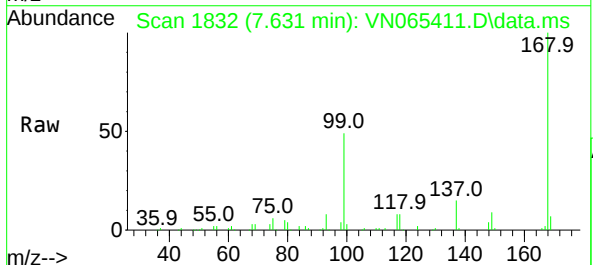
RT: 7.631 min Scan# 1832

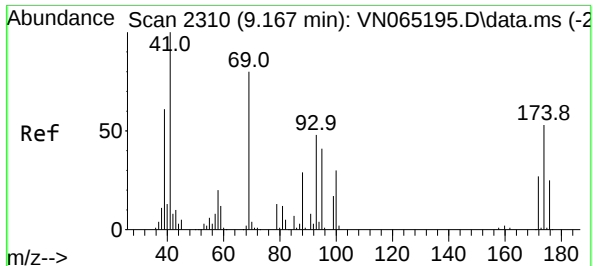
Delta R.T. -0.102 min

Lab File: VN065411.D

Acq: 6 Jan 2021 19:46

Tgt Ion:117	Resp:	21385	
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.7	115.1#
121	0.0	25.4	38.2#

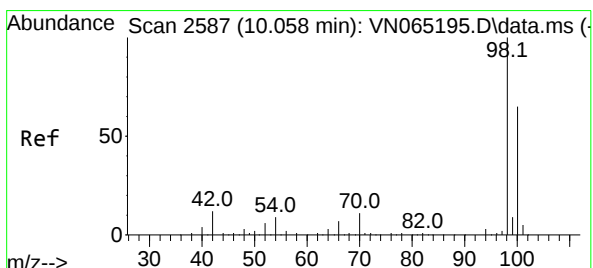
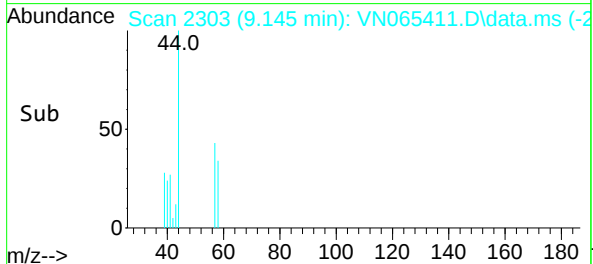
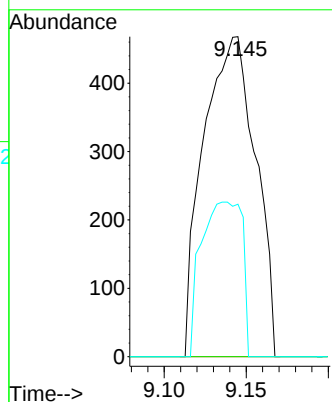
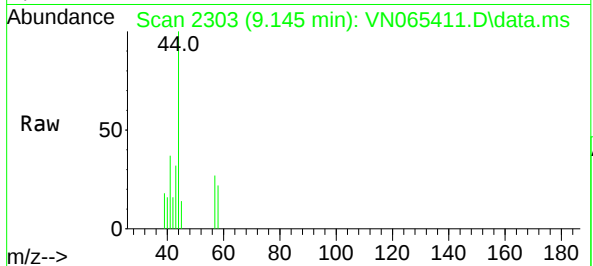




#48
Methyl methacrylate
Concen: 0.31 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

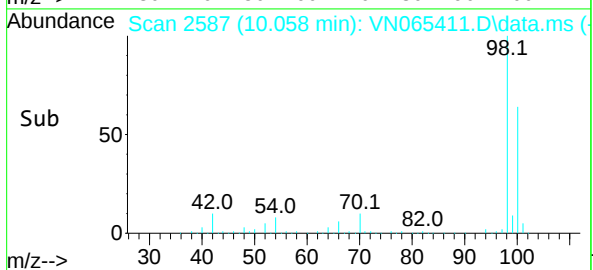
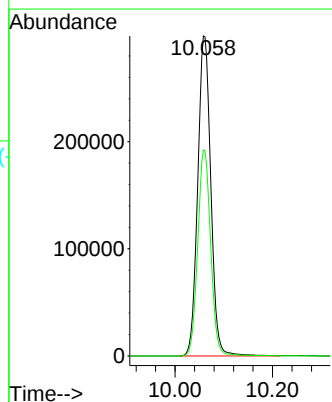
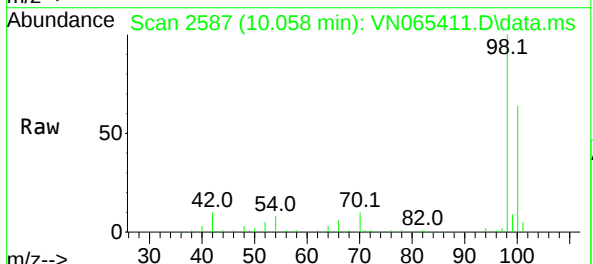
Instrument :
MSVOA_N
ClientSampled :
41095DL

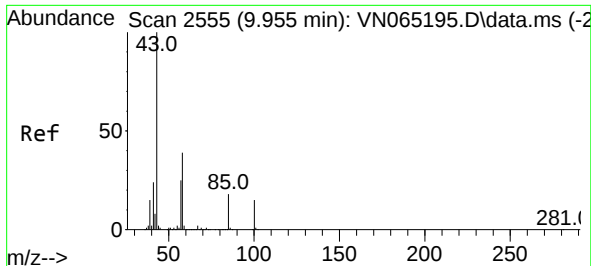
Tgt Ion: 41 Resp: 1030
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 38.0 44.1 66.1#



#50
Toluene-d8
Concen: 55.39 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion: 98 Resp: 557605
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

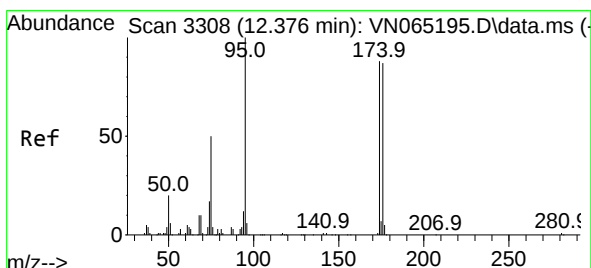
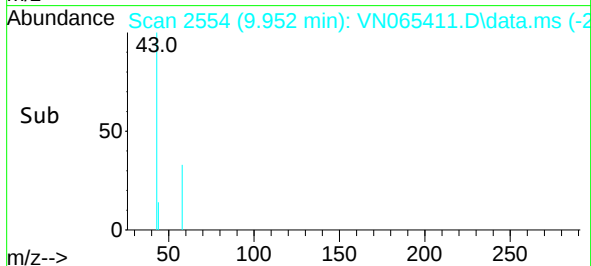
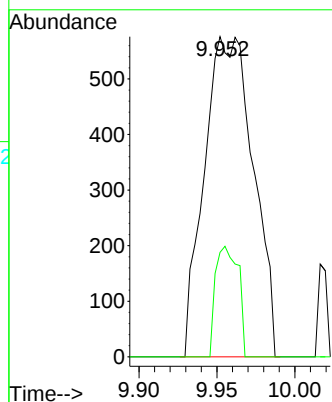
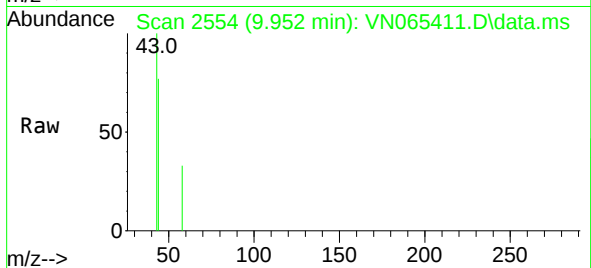




#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

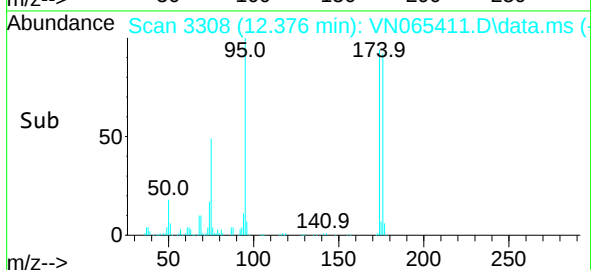
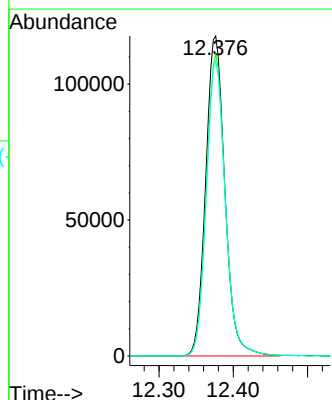
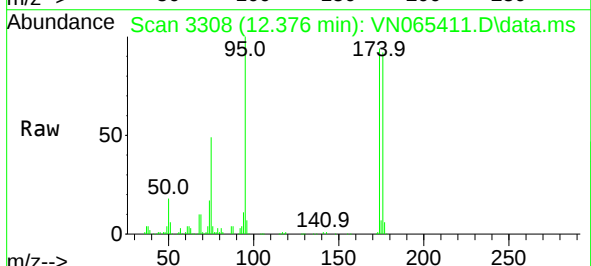
Instrument :
MSVOA_N
ClientSampleId :
41095DL

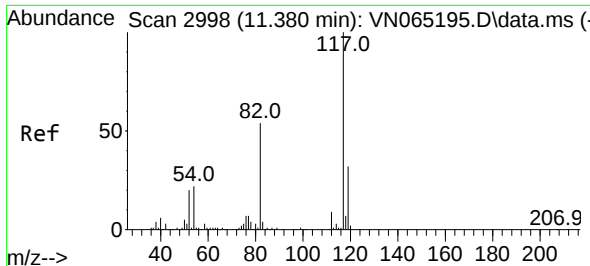
Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 16.0 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 52.75 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion: 95 Resp: 211260
Ion Ratio Lower Upper
95 100
174 93.6 0.0 160.4
176 91.7 0.0 158.4

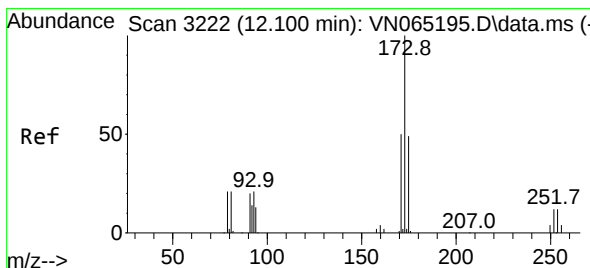
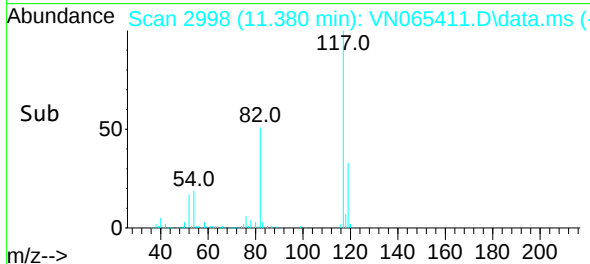
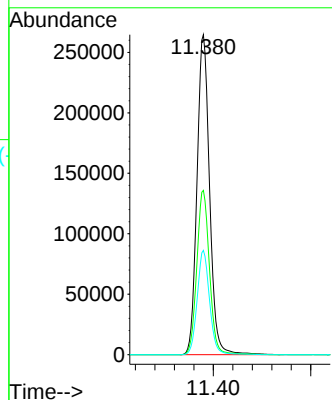
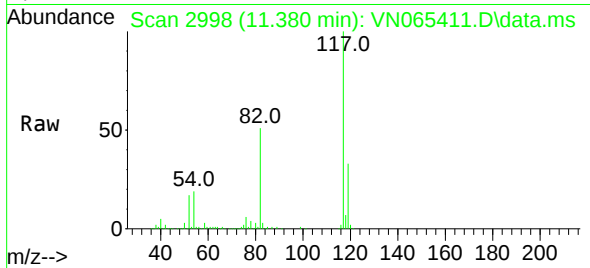




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

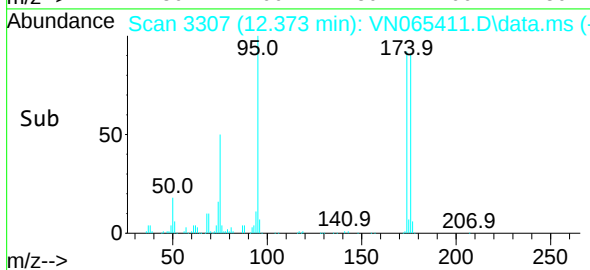
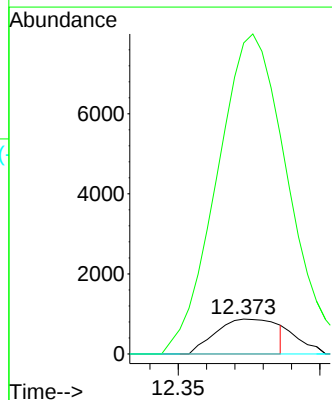
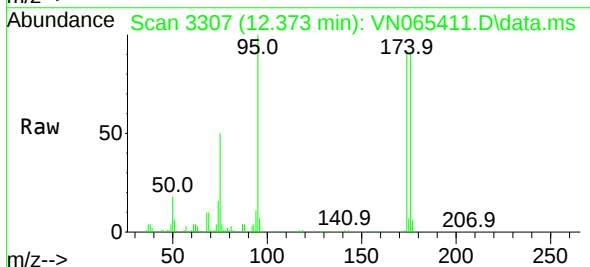
Instrument :
MSVOA_N
ClientSampled :
41095DL

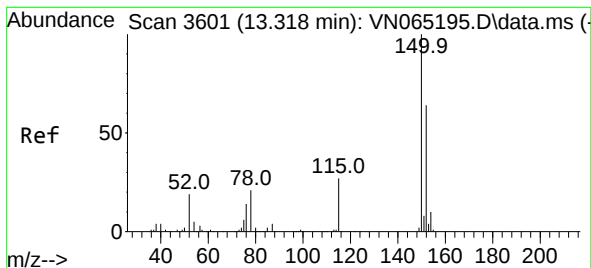
Tgt Ion:117 Resp: 475227
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.6 25.8 38.6



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

Tgt Ion:173 Resp: 1310
Ion Ratio Lower Upper
173 100
175 877.6 24.3 72.8#
254 0.0 0.0 0.0

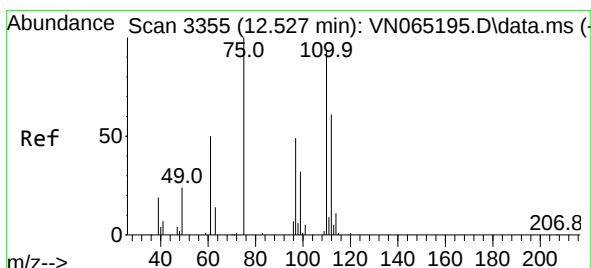
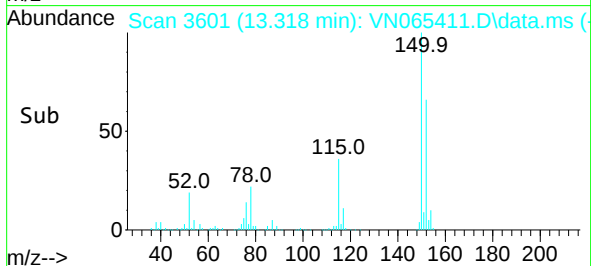
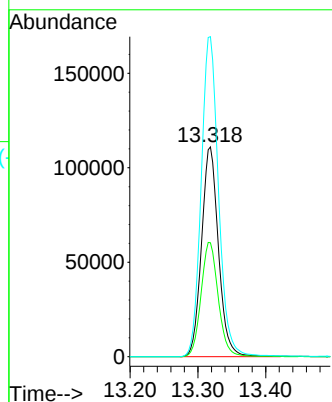
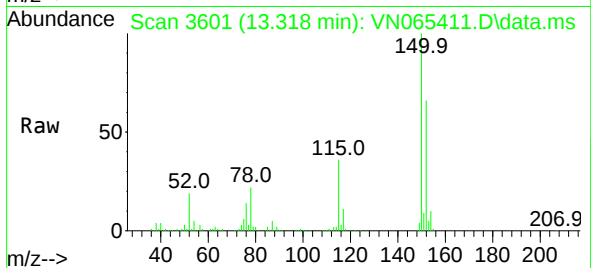




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

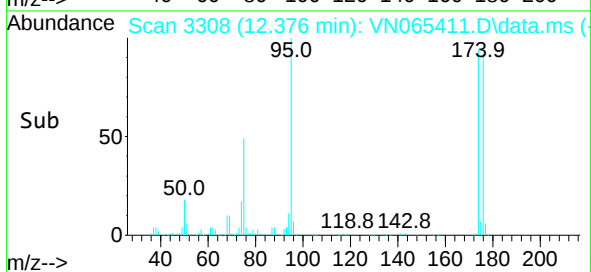
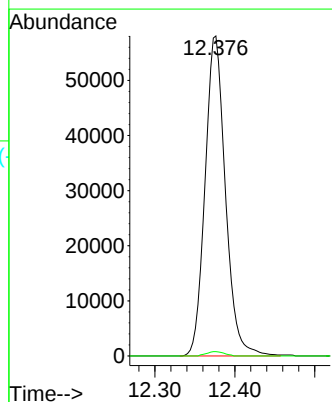
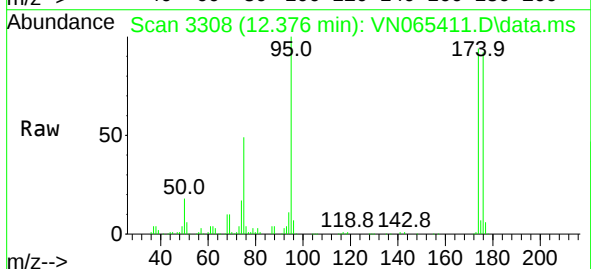
Instrument :
MSVOA_N
ClientSampleId :
41095DL

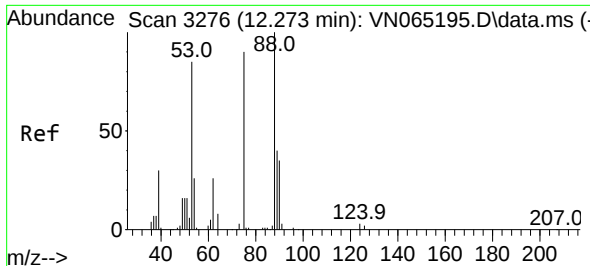
Tgt Ion:152 Resp: 192624
Ion Ratio Lower Upper
152 100
115 55.2 29.7 89.1
150 157.0 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 26.21 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

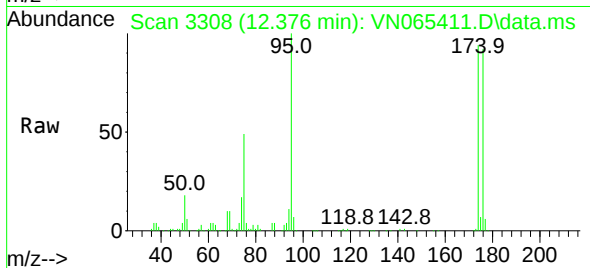
Tgt Ion: 75 Resp: 102984
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



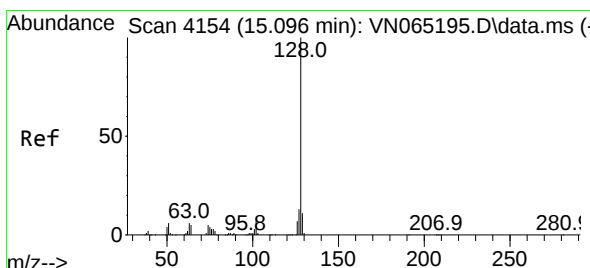
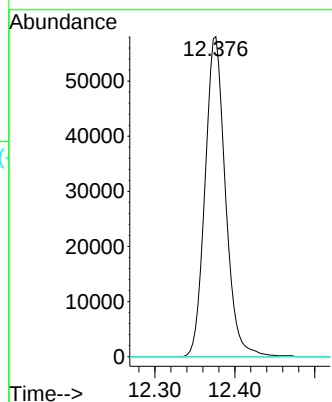
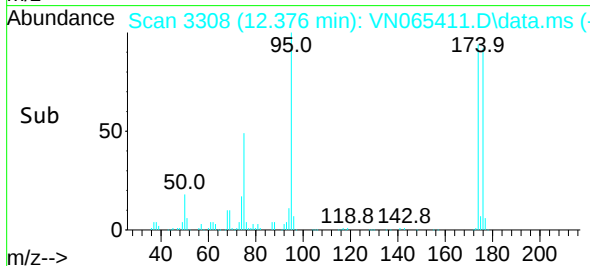


#81
trans-1,4-Dichloro-2-butene
Concen: 66.08 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46

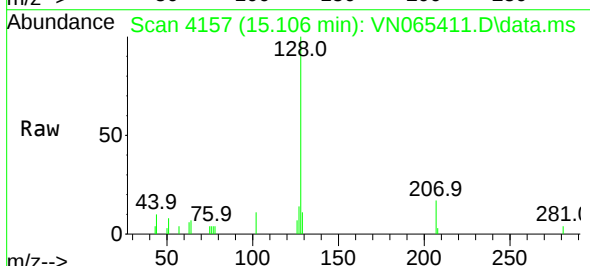
Instrument :
MSVOA_N
ClientSampleId :
41095DL



Tgt Ion: 75 Resp: 102984
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 4.29 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065411.D
Acq: 6 Jan 2021 19:46



Tgt Ion: 128 Resp: 9860
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 9.4 8.7 13.1

