

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122420\
 Data File : VN065252.D
 Acq On : 24 Dec 2020 10:49
 Operator : JC/MD
 Sample : VN1224WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224WBL01

Quant Time: Dec 25 02:34:24 2020
 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)

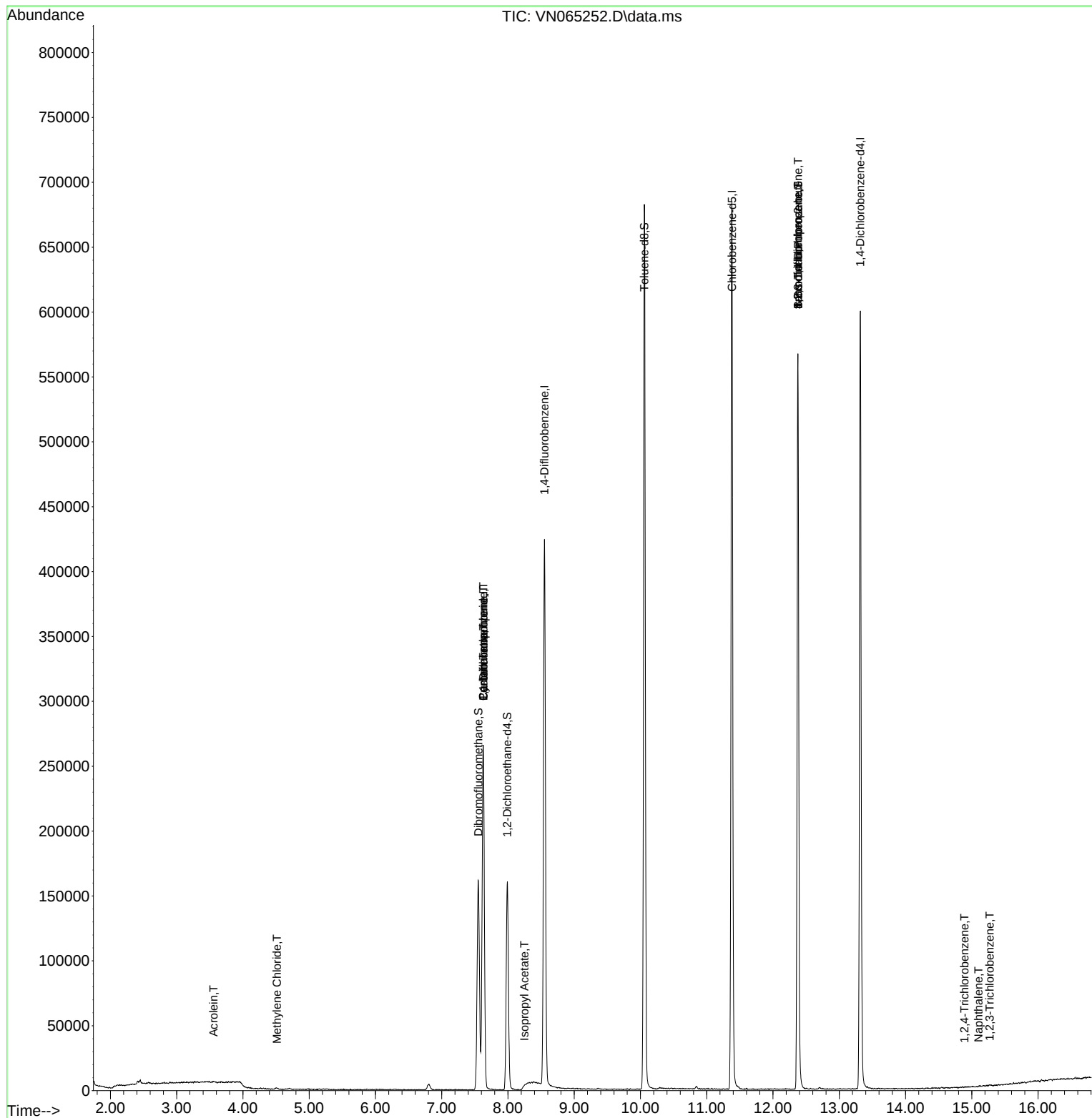
Internal Standards						
1) Pentafluorobenzene	7.627	168	238105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	394780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	415389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	182349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	142129	52.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.74%			
35) Dibromofluoromethane	7.553	113	122680	51.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.02%			
50) Toluene-d8	10.058	98	492218	55.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.28%			
62) 4-Bromofluorobenzene	12.376	95	197895	55.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.88%			
Target Compounds					Qvalue	
13) Acrolein	3.557	56	428	3.84	ug/l #	72
16) Acetone	3.759	43	52	Below Cal	#	43
20) Methylene Chloride	4.515	84	880	0.34	ug/l #	72
31) Cyclohexane	7.627	56	4284	1.08	ug/l #	6
36) 1,1-Dichloropropene	7.627	75	15243	4.25	ug/l #	50
38) Carbon Tetrachloride	7.627	117	20263	5.37	ug/l #	15
43) Isopropyl Acetate	8.248	43	2760	0.45	ug/l #	59
71) Bromoform	12.376	173	1135	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	99030	26.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	99030	67.12	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.887	180	133	2.87	ug/l #	29
95) Naphthalene	15.103	128	574	3.43	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.270	180	239	3.29	ug/l #	76

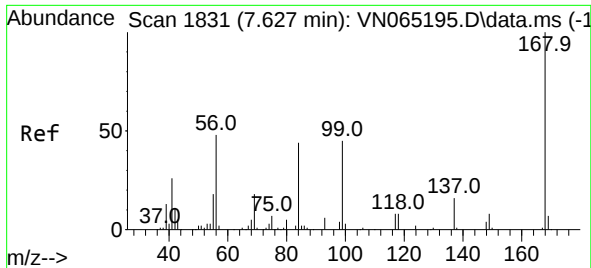
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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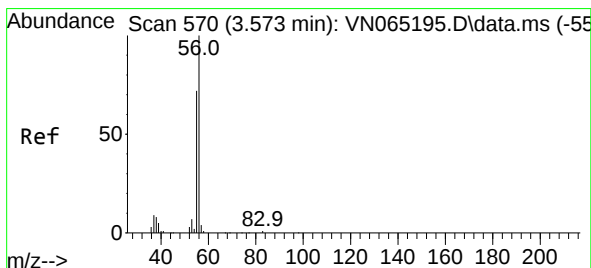
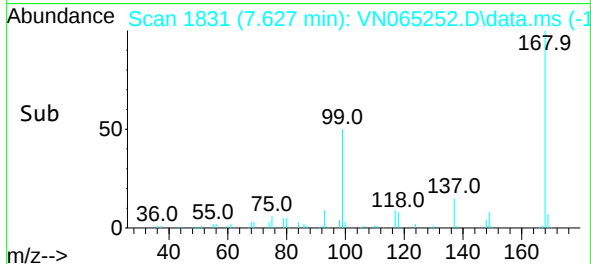
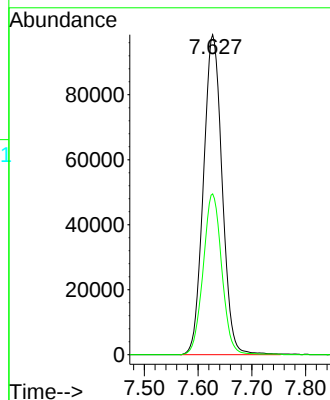
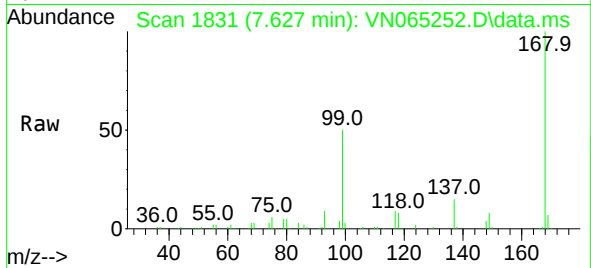




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

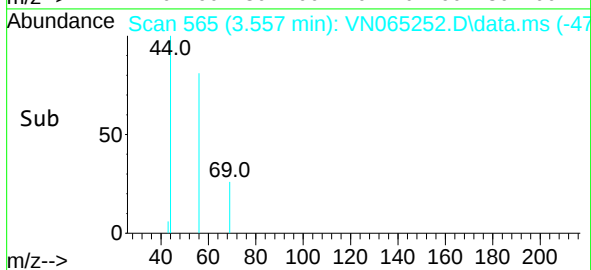
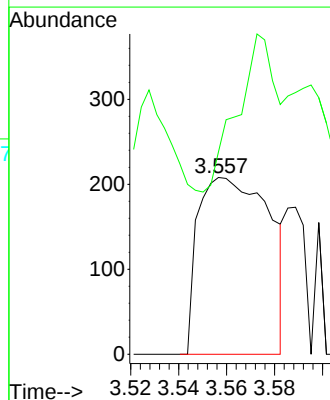
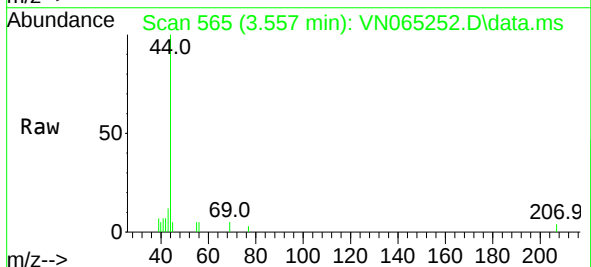
Instrument :
MSVOA_N
ClientSampleId :
VN1224WBL01

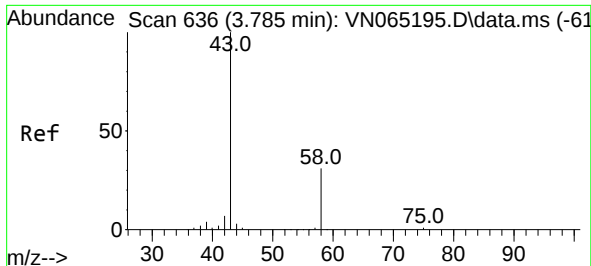
Tgt Ion:168 Resp: 238105
Ion Ratio Lower Upper
168 100
99 50.3 43.0 64.4



#13
Acrolein
Concen: 3.84 ug/l
RT: 3.557 min Scan# 565
Delta R.T. -0.016 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion: 56 Resp: 428
Ion Ratio Lower Upper
56 100
55 47.7 56.5 84.7#

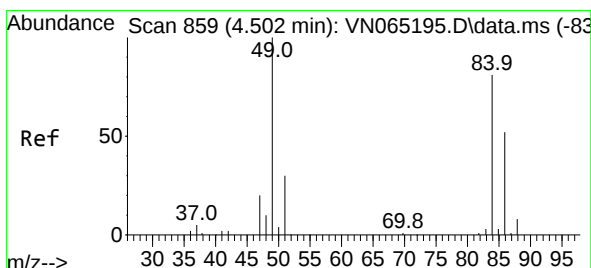
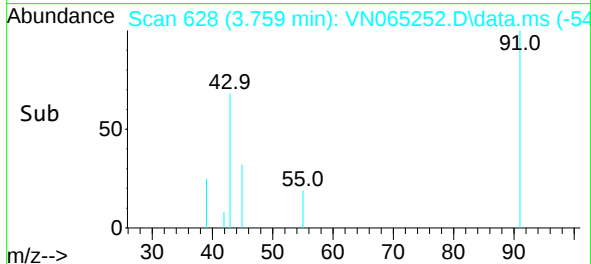
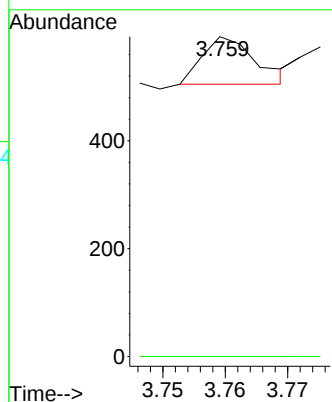
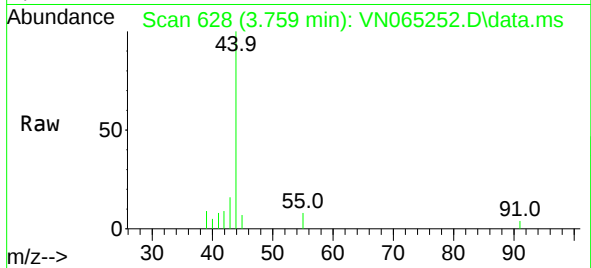




#16
Acetone
Concen: Below Cal
RT: 3.759 min Scan# 628
Delta R.T. -0.026 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

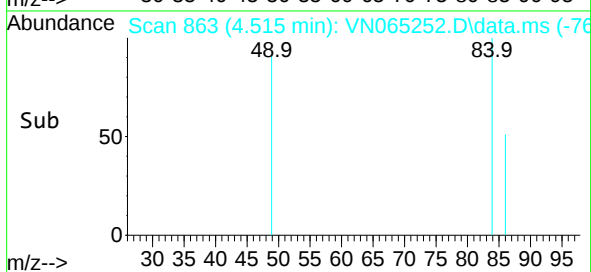
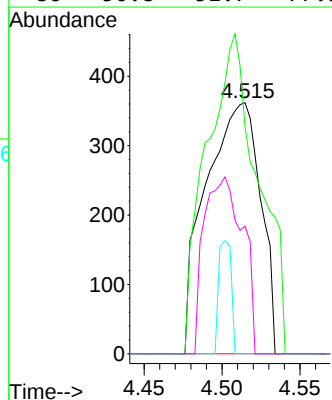
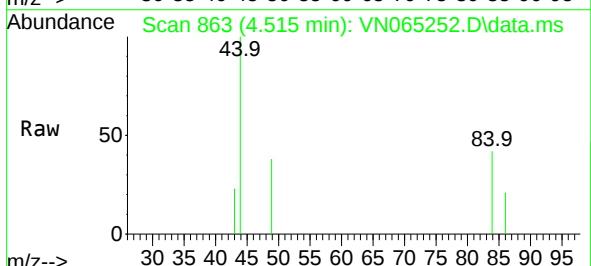
Instrument :
MSVOA_N
ClientSampleId :
VN1224WBL01

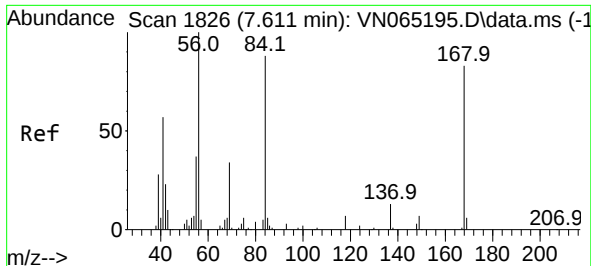
Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion: 84 Resp: 880
Ion Ratio Lower Upper
84 100
49 90.6 93.4 140.0#
51 0.0 28.2 42.4#
86 50.8 51.7 77.5#

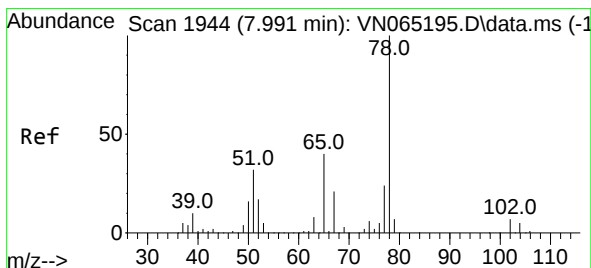
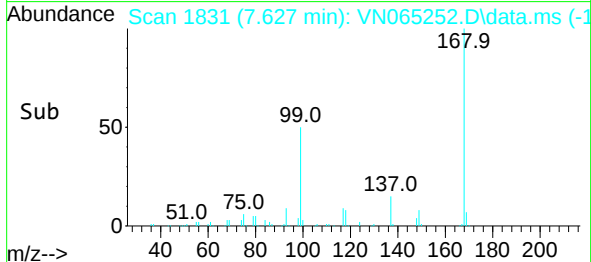
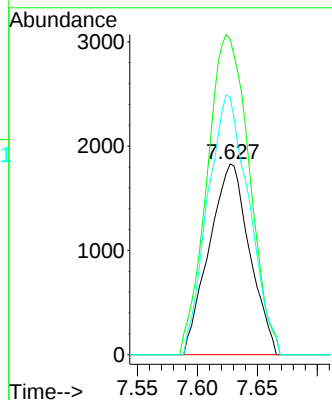
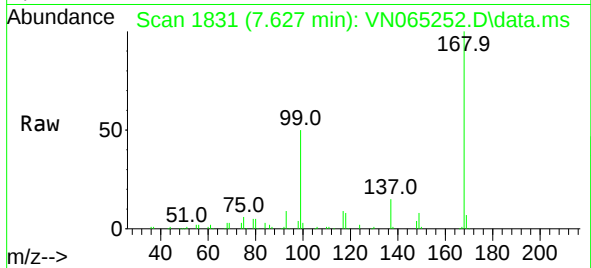




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

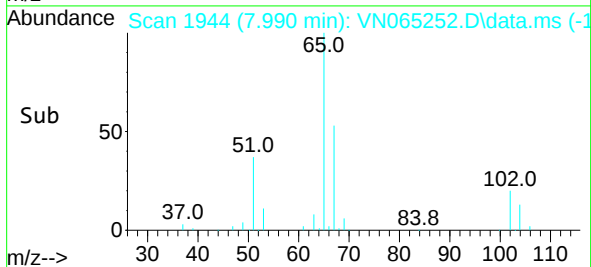
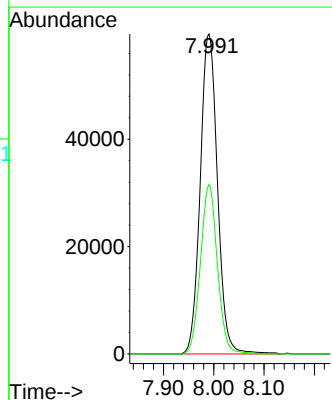
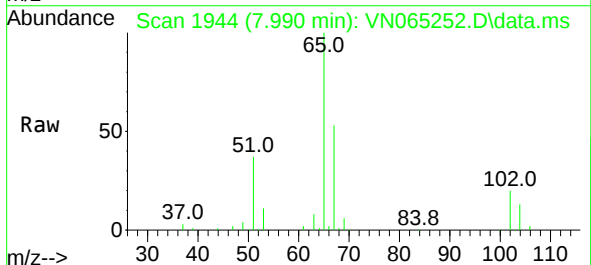
Instrument :
MSVOA_N
ClientSampleId :
VN1224WBL01

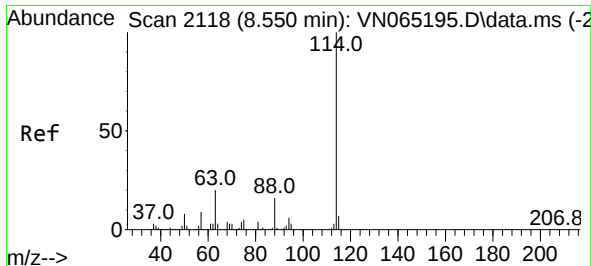
Tgt Ion: 56 Resp: 4284
Ion Ratio Lower Upper
56 100
69 165.4 27.5 41.3#
84 135.0 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 52.87 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

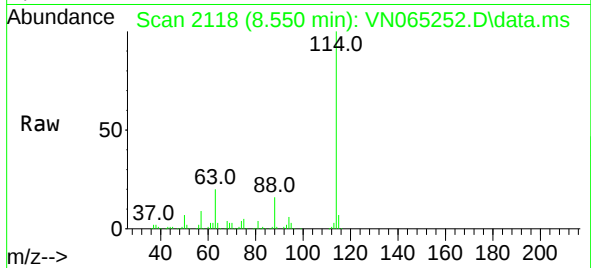
Tgt Ion: 65 Resp: 142129
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.2



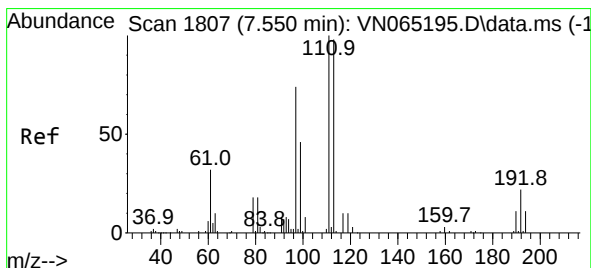
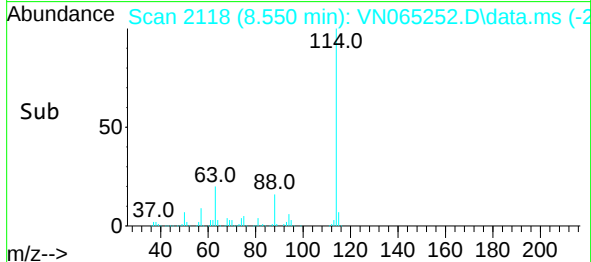
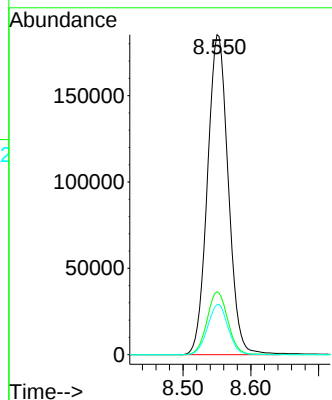


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN1224WBL01

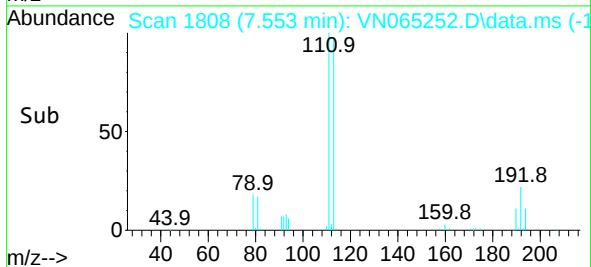
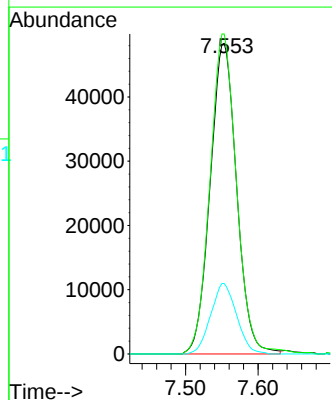
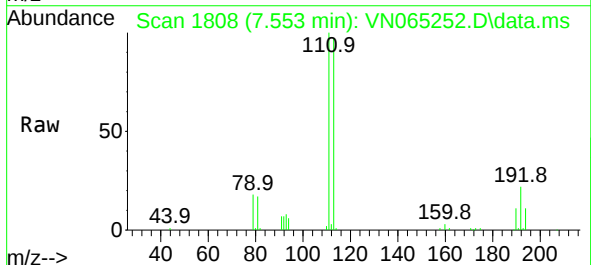


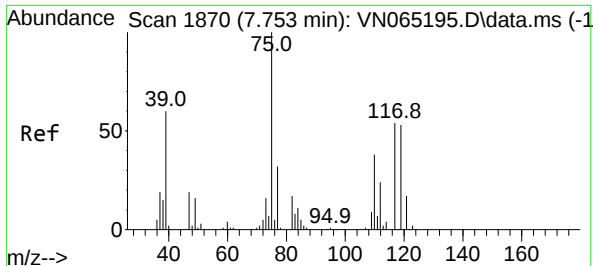
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.6
88	15.7	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.51 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	22.2	16.2	24.2

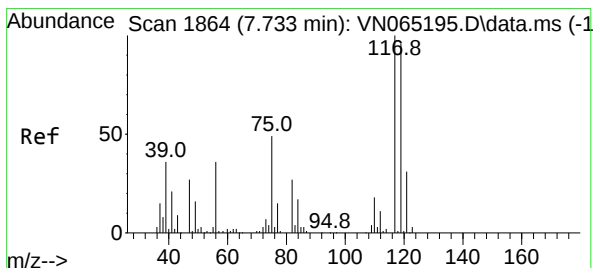
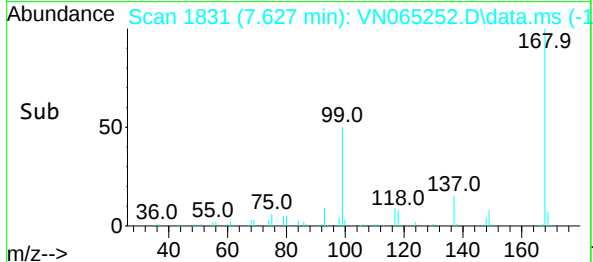
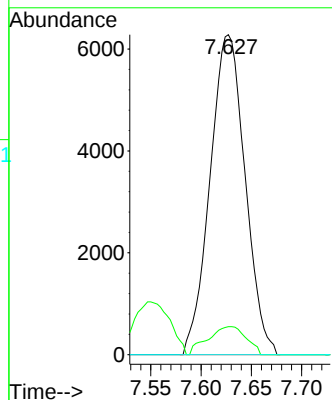
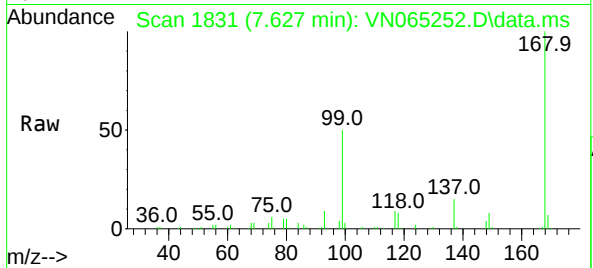




#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

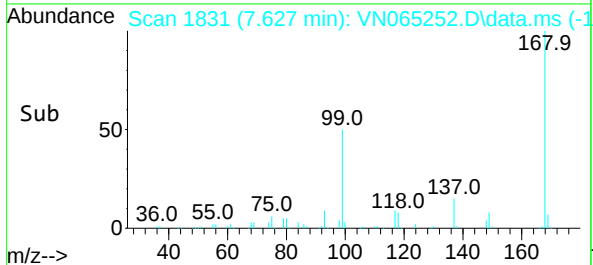
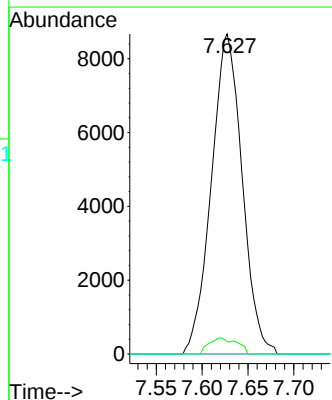
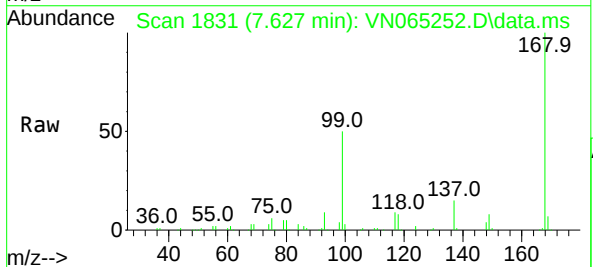
Instrument :
MSVOA_N
ClientSampleId :
VN1224WBL01

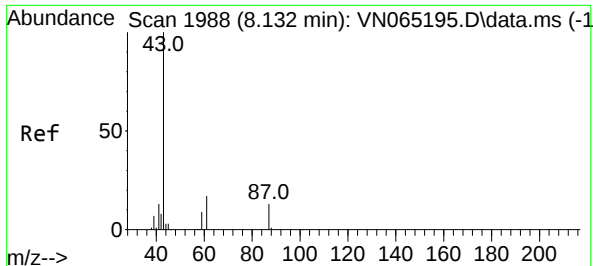
Tgt Ion: 75 Resp: 15243
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion: 117 Resp: 20263
Ion Ratio Lower Upper
117 100
119 3.8 76.7 115.1#
121 0.0 25.4 38.2#

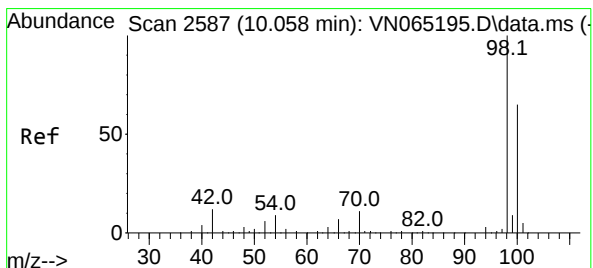
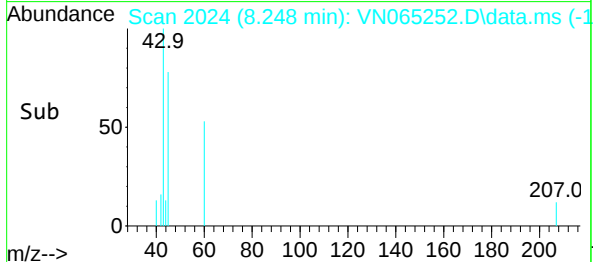
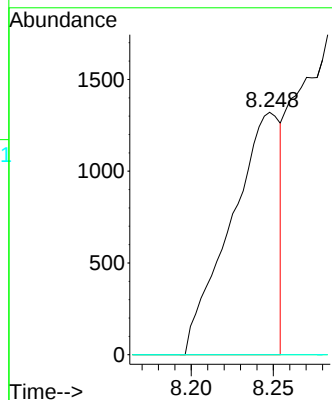
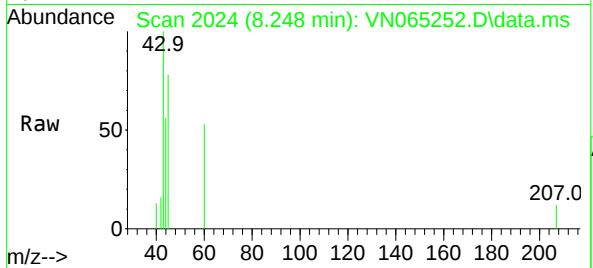




#43
Isopropyl Acetate
Concen: 0.45 ug/l
RT: 8.248 min Scan# 2024
Delta R.T. 0.116 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

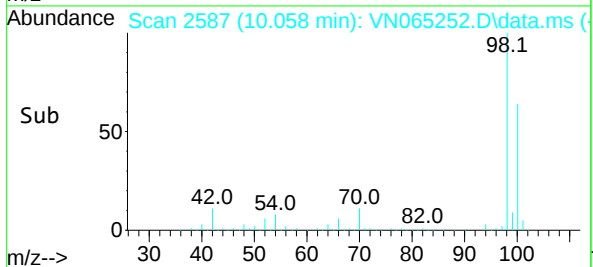
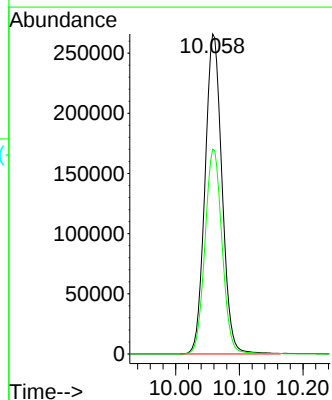
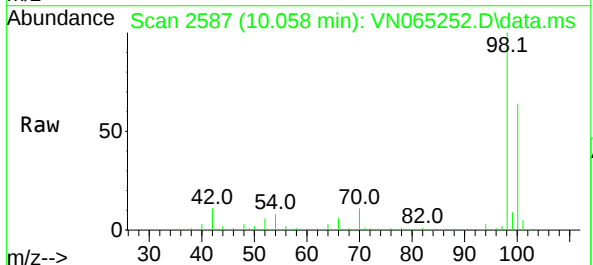
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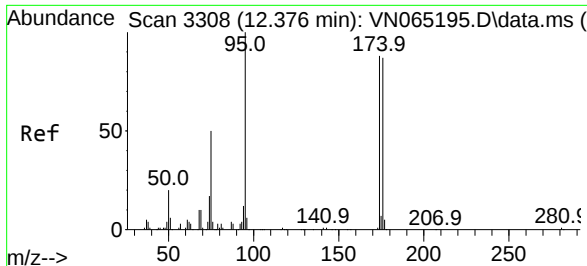
Tgt Ion: 43 Resp: 2760
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#



#50
Toluene-d8
Concen: 55.14 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion: 98 Resp: 492218
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

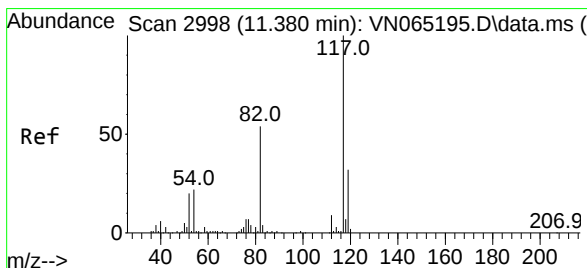
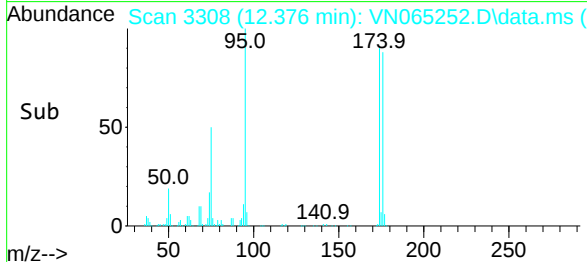
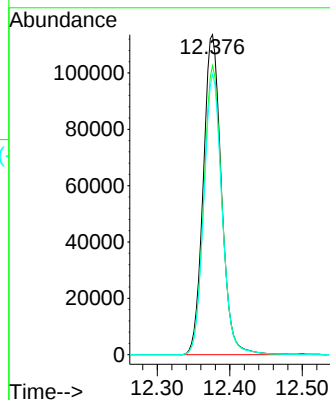
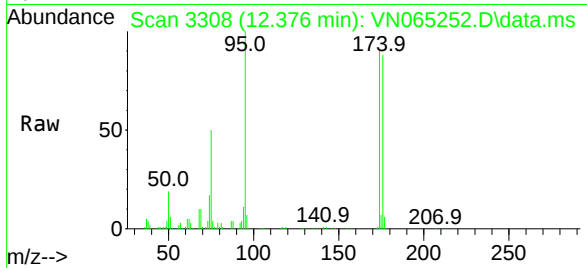




#62
4-Bromofluorobenzene
Concen: 55.44 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

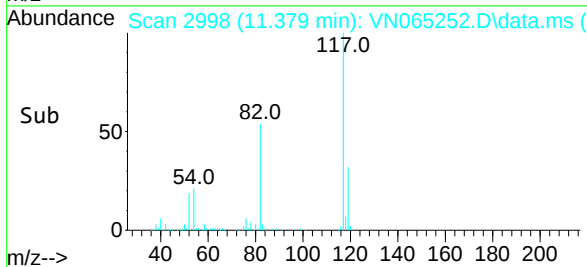
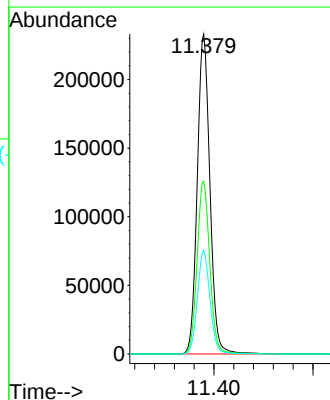
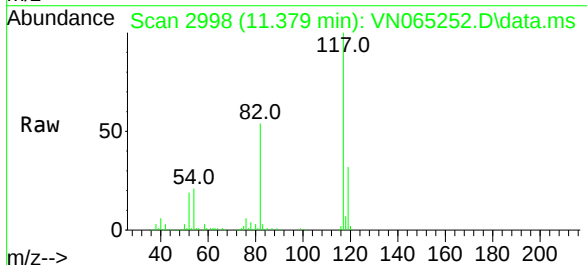
Instrument :
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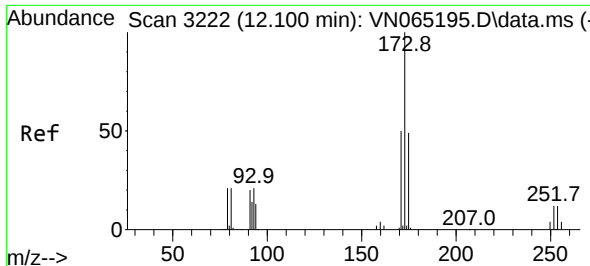
Tgt Ion:	95	Resp:	197895
Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	160.4
176	87.8	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion:	117	Resp:	415389
Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.2
119	32.4	25.8	38.6

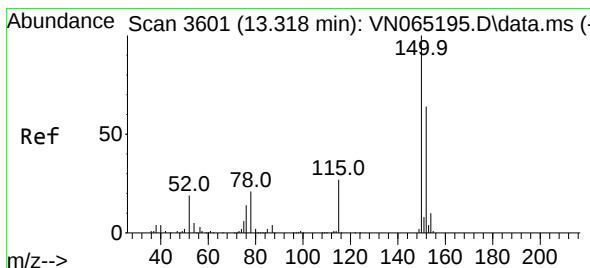
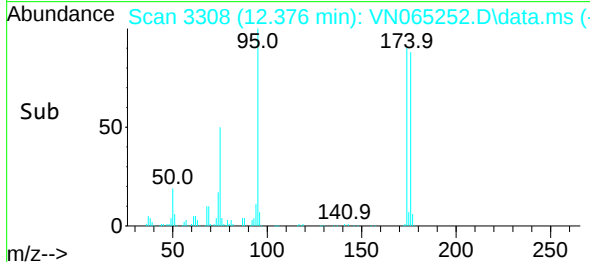
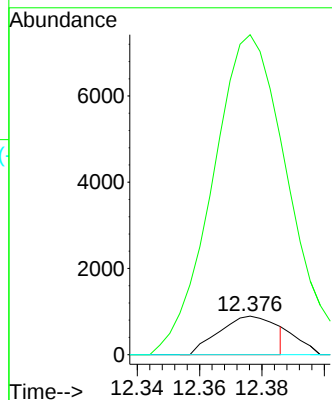
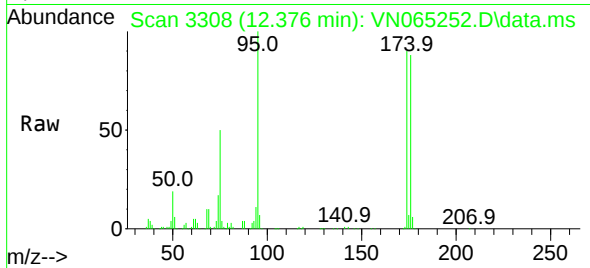




#71
Bromoform
Concen: 0.40 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

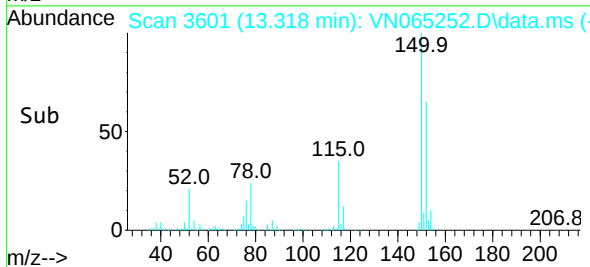
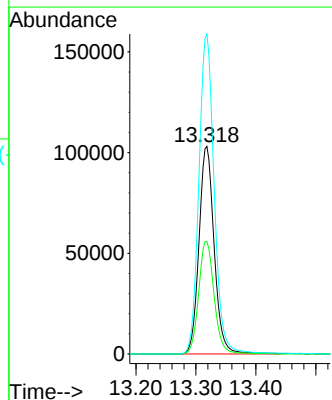
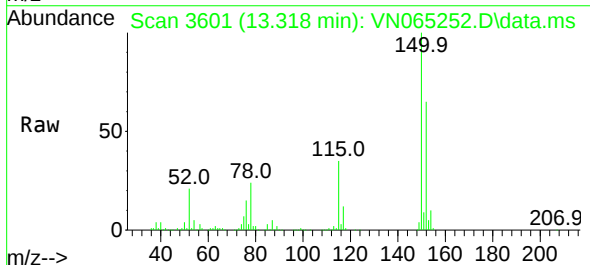
Instrument :
MSVOA_N
ClientSampleId :
VN1224WBL01

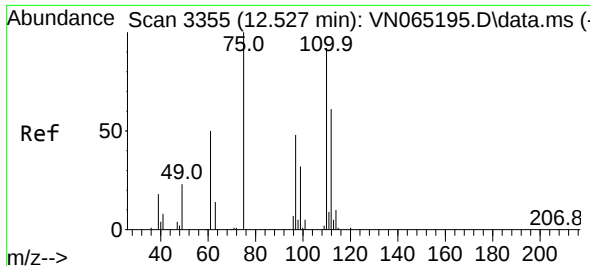
Tgt Ion:173 Resp: 1135
Ion Ratio Lower Upper
173 100
175 914.5 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion:152 Resp: 182349
Ion Ratio Lower Upper
152 100
115 54.6 29.7 89.1
150 154.6 0.0 350.6

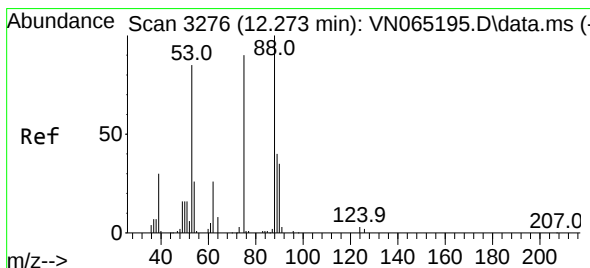
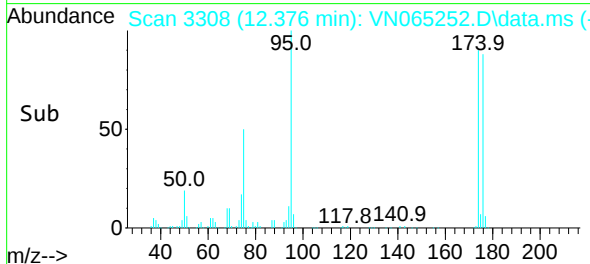
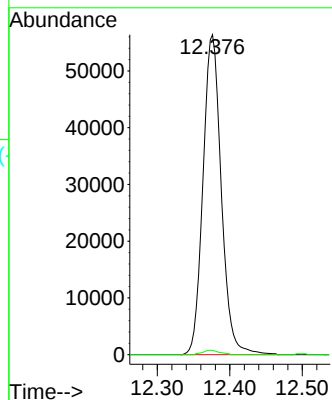
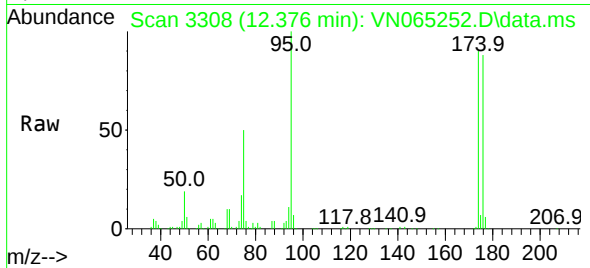




#76
1,2,3-Trichloropropane
Concen: 26.62 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

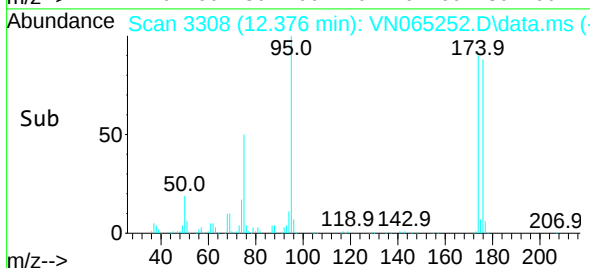
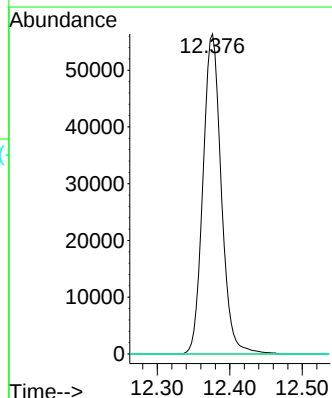
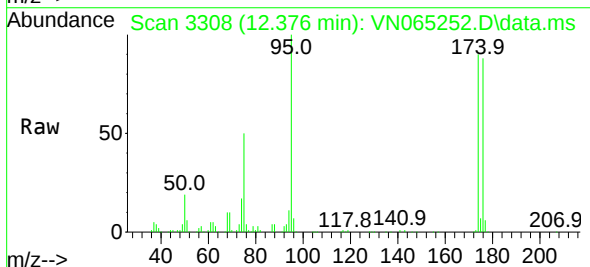
Instrument :
MSVOA_N
ClientSampleId :
VN1224WBL01

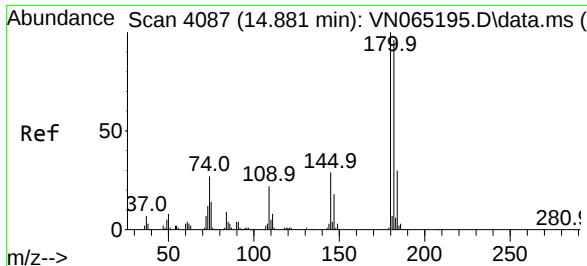
Tgt Ion: 75 Resp: 99030
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.12 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion: 75 Resp: 99030
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

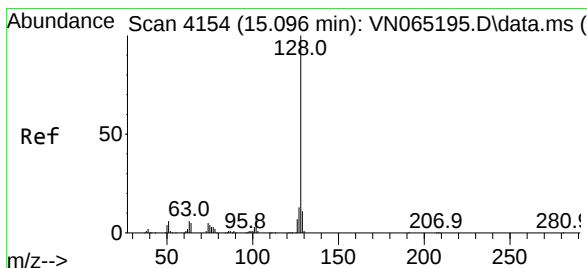
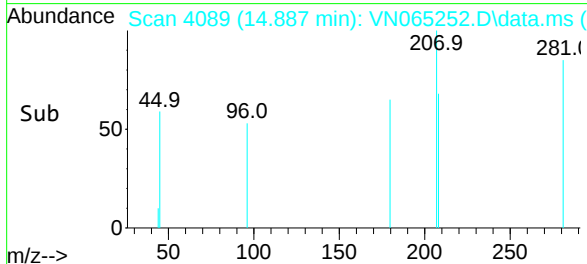
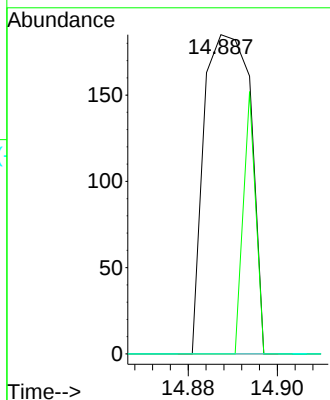
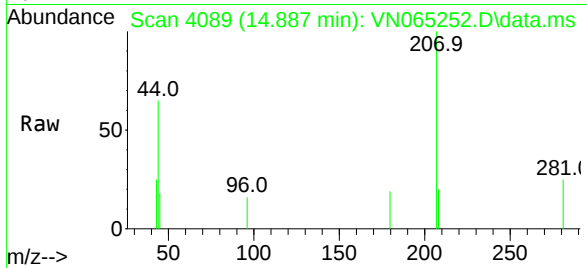




#93
1,2,4-Trichlorobenzene
Concen: 2.87 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

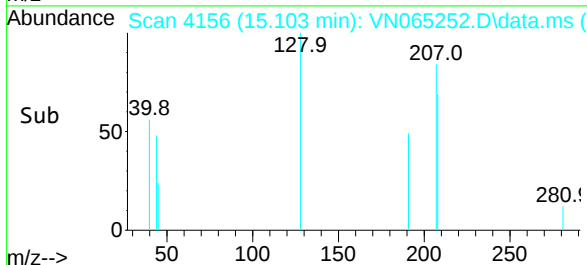
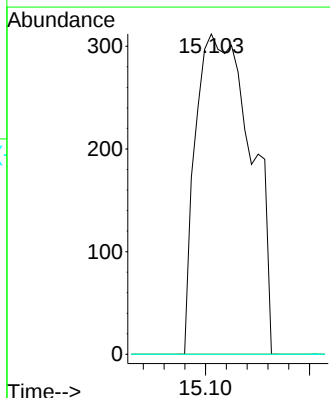
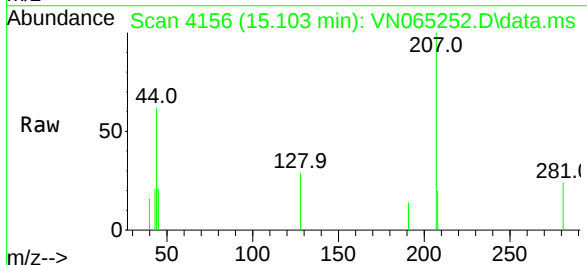
Instrument :
MSVOA_N
ClientSampleId :
VN1224WBL01

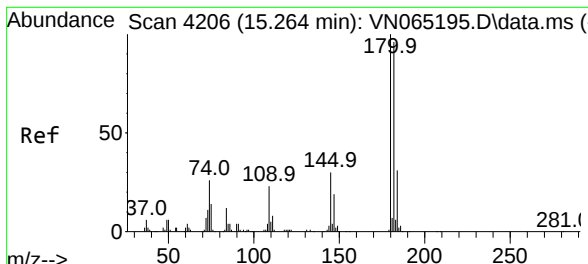
Tgt Ion:180 Resp: 133
Ion Ratio Lower Upper
180 100
182 21.8 47.6 142.9#
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 3.43 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065252.D
Acq: 24 Dec 2020 10:49

Tgt Ion:128 Resp: 574
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.29 ug/l
 RT: 15.270 min Scan# 4208
 Delta R.T. 0.006 min
 Lab File: VN065252.D
 Acq: 24 Dec 2020 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224WBL01

Tgt Ion:	180	Resp:	239
Ion	Ratio	Lower	Upper
180	100		
182	84.5	48.1	144.4
145	0.0	16.4	49.1#

