

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065276.D
 Acq On : 28 Dec 2020 10:56
 Operator : JC/MD
 Sample : VN1228WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBL01

Quant Time: Dec 29 02:18:49 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)

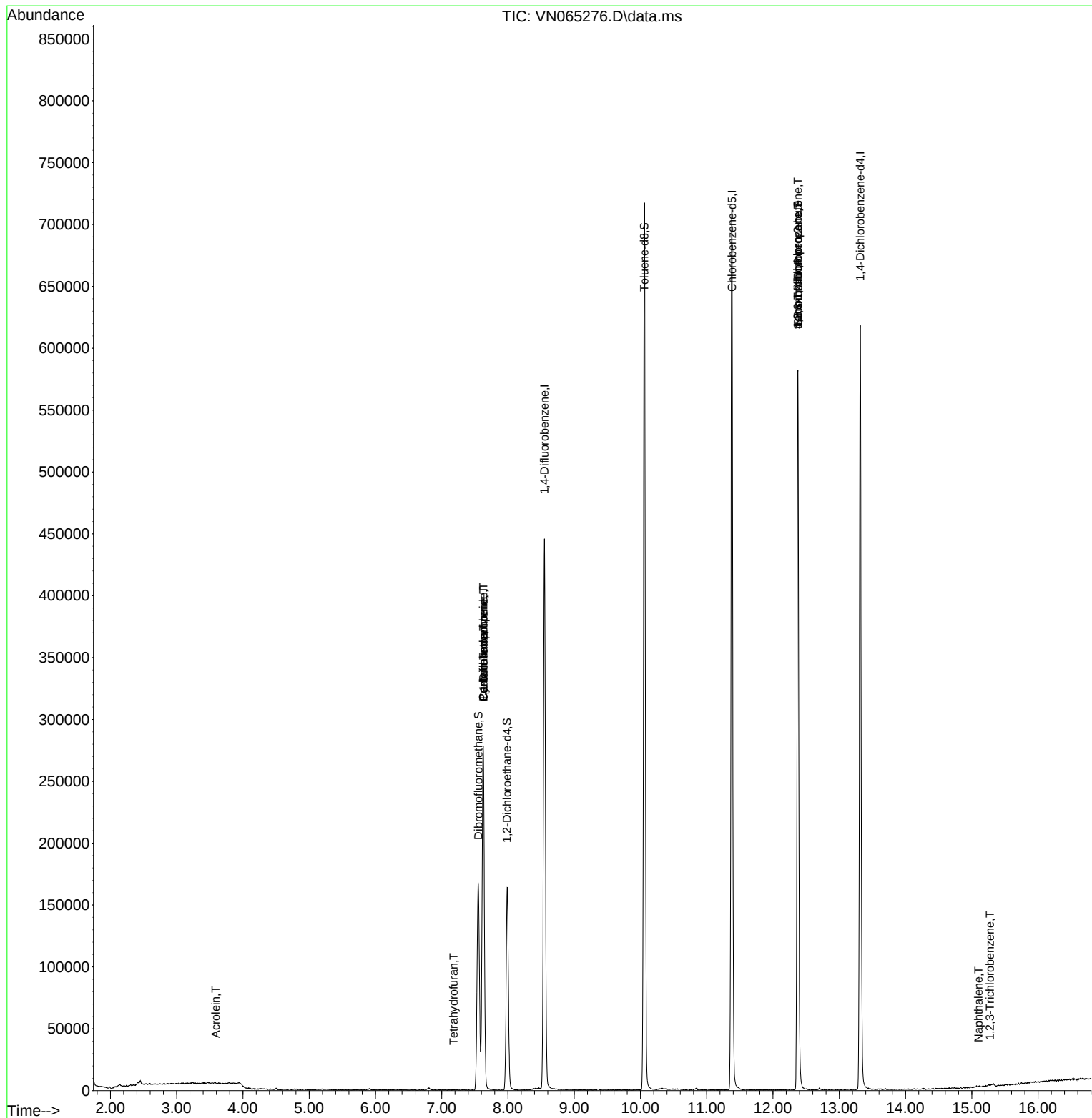
Internal Standards						
1) Pentafluorobenzene	7.627	168	250448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	418719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	437282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	186019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	145395	51.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.84%			
35) Dibromofluoromethane	7.553	113	129543	51.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.56%			
50) Toluene-d8	10.058	98	514487	54.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.68%			
62) 4-Bromofluorobenzene	12.373	95	206546	54.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.26%			
Target Compounds						Qvalue
13) Acrolein	3.589	56	235	3.15	ug/l #	40
16) Acetone	3.779	43	444	Below Cal	#	43
29) Tetrahydrofuran	7.180	42	343	0.33	ug/l #	39
31) Cyclohexane	7.627	56	4443	1.06	ug/l #	4
36) 1,1-Dichloropropene	7.627	75	16208	4.26	ug/l #	50
38) Carbon Tetrachloride	7.627	117	21465	5.37	ug/l #	16
71) Bromoform	12.376	173	1332	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	102181	26.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	102181	67.89	ug/l #	15
95) Naphthalene	15.103	128	460	3.42	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.273	180	29	3.23	ug/l #	1

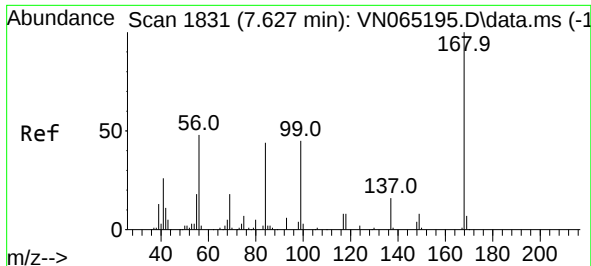
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

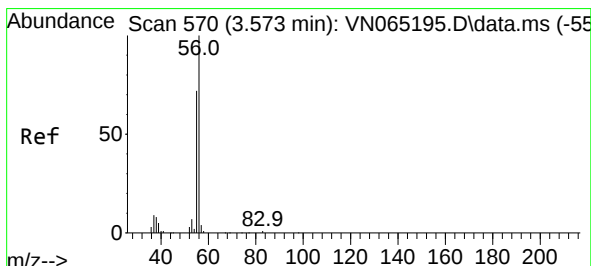
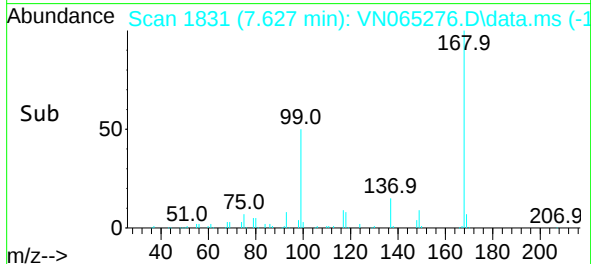
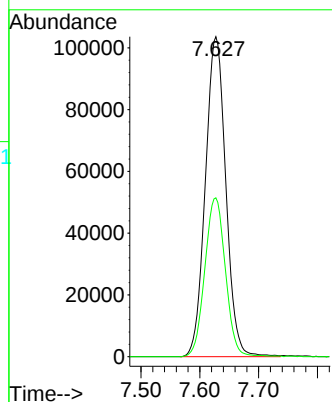
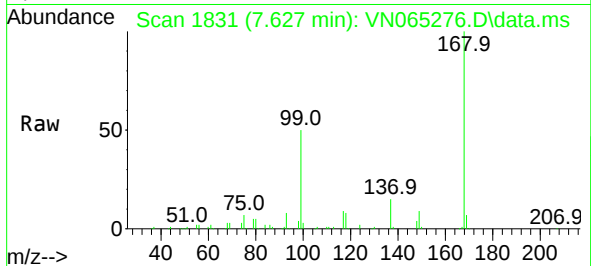




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

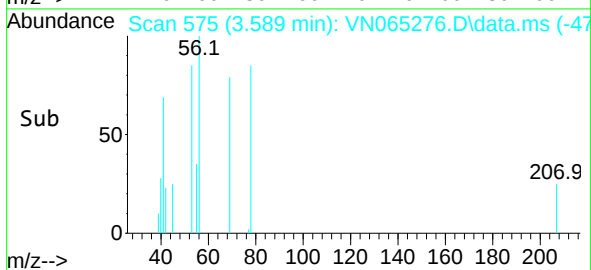
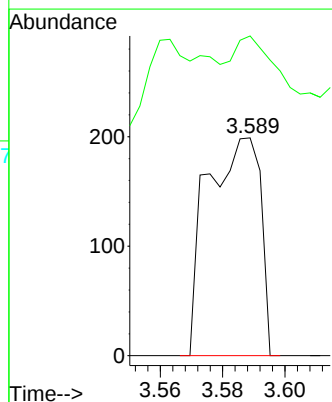
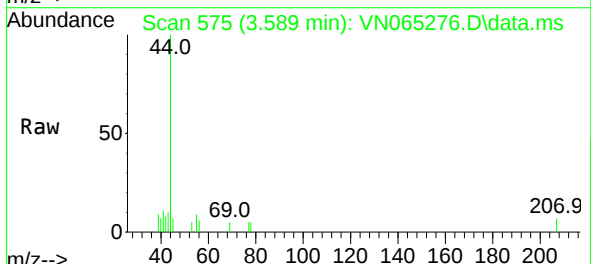
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

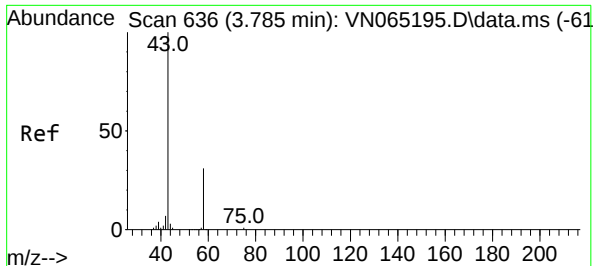
Tgt Ion:168 Resp: 250448
Ion Ratio Lower Upper
168 100
99 49.6 43.0 64.4



#13
Acrolein
Concen: 3.15 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.016 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion: 56 Resp: 235
Ion Ratio Lower Upper
56 100
55 21.3 56.5 84.7#

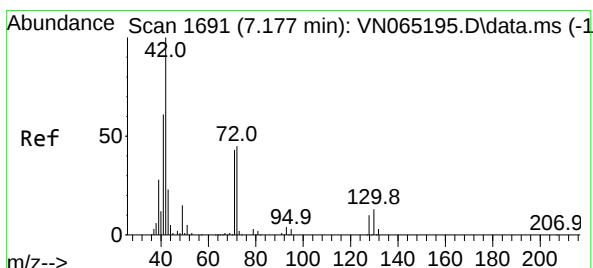
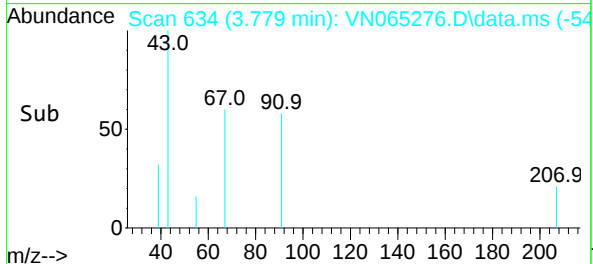
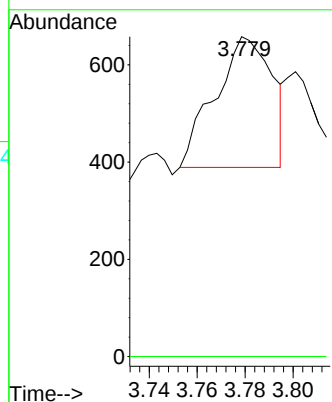
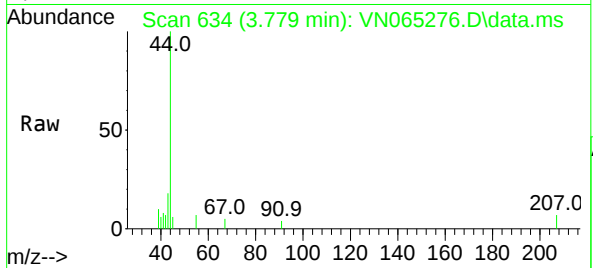




#16
Acetone
Concen: Below Cal
RT: 3.779 min Scan# 634
Delta R.T. -0.006 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

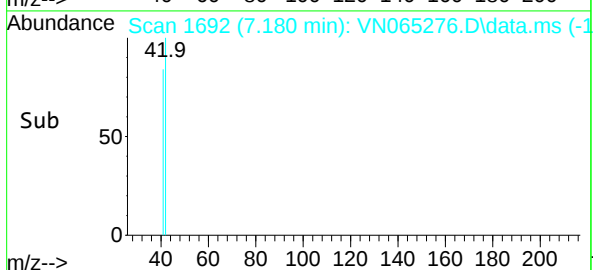
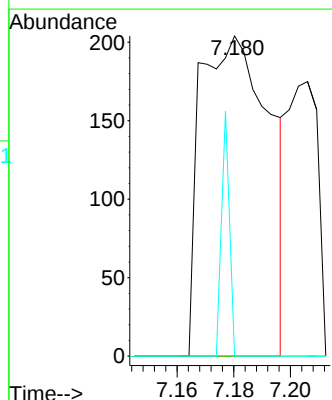
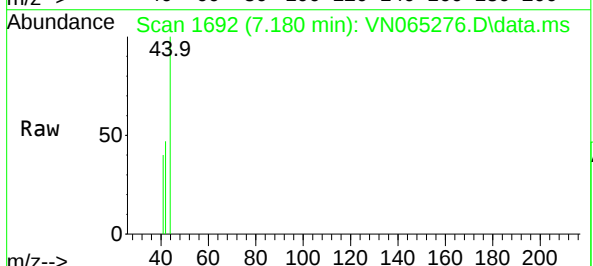
Instrument :
MSVOA_N
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VN1228WBL01

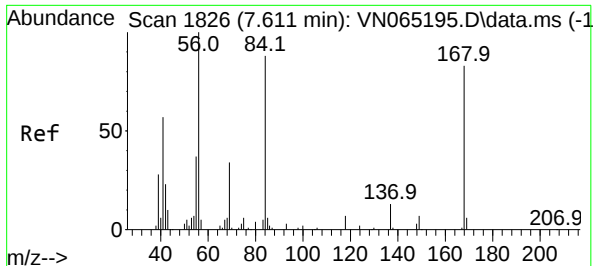
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#29
Tetrahydrofuran
Concen: 0.33 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.003 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion: 42 Resp: 343
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 8.7 33.6 50.4#

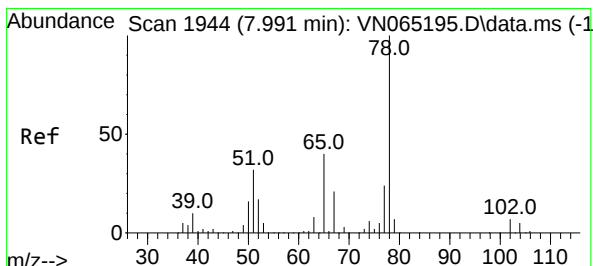
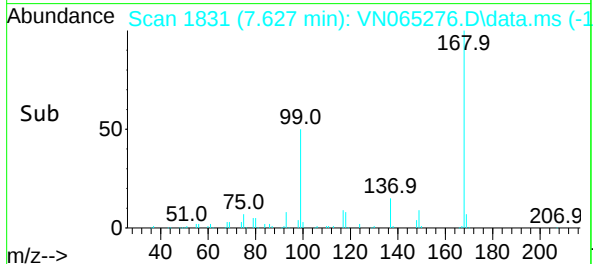
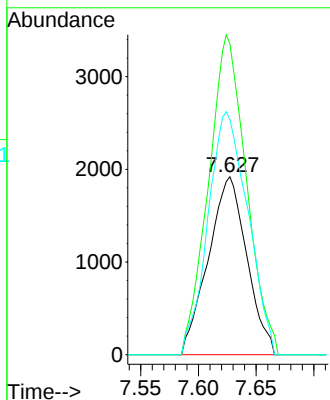
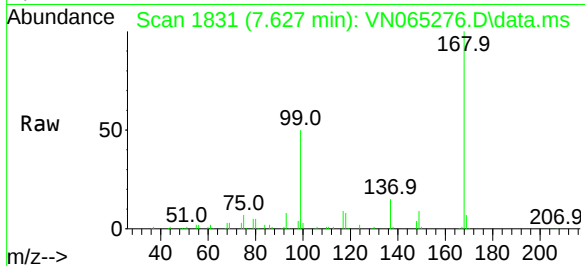




#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

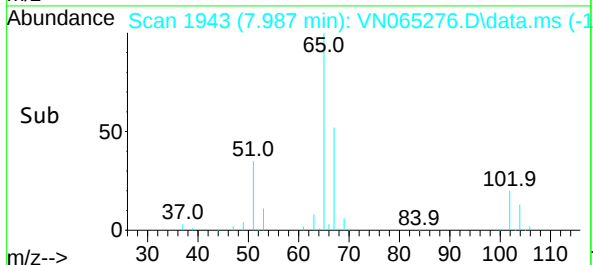
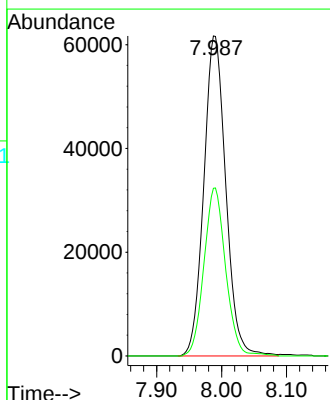
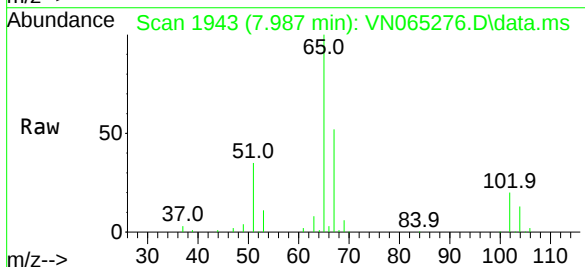
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

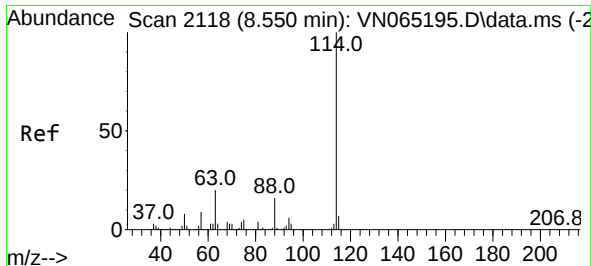
Tgt Ion: 56 Resp: 4443
Ion Ratio Lower Upper
56 100
69 174.9 27.5 41.3#
84 132.2 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.42 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.004 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion: 65 Resp: 145395
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2

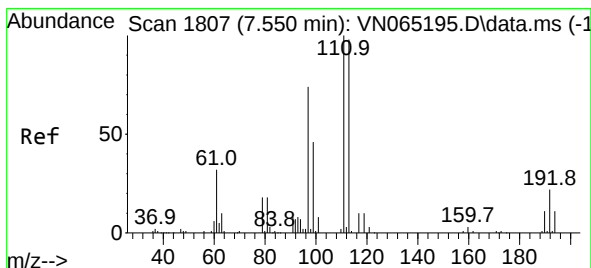
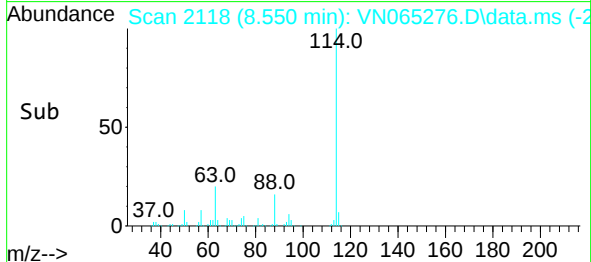
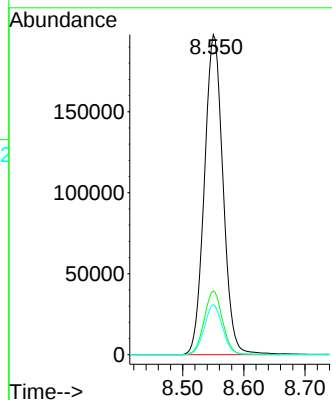
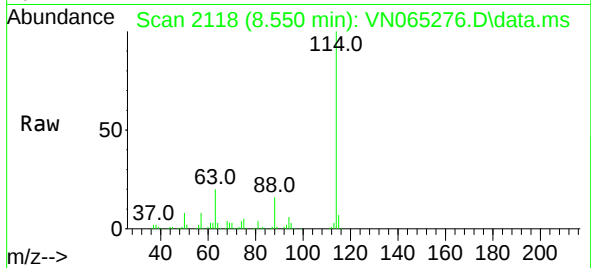




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

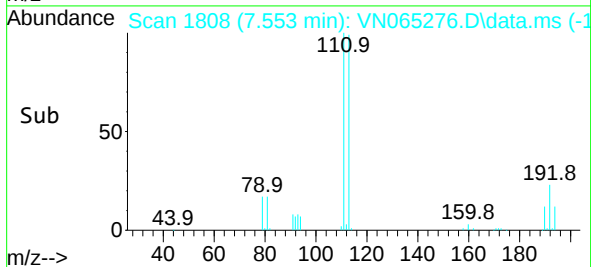
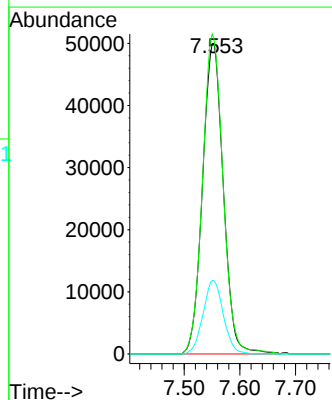
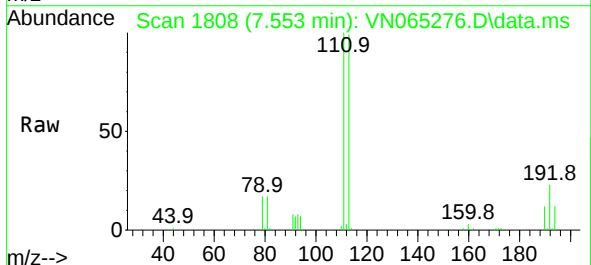
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ClientSampleId :
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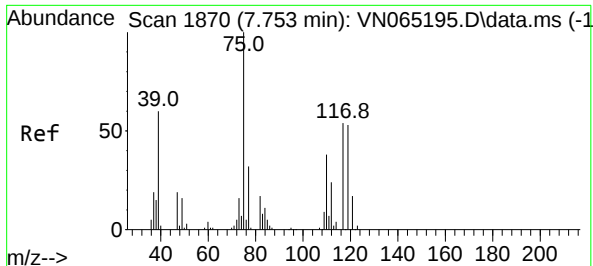
Tgt Ion:	114	Resp:	418719
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	38.6
88	15.6	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.28 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion:	113	Resp:	129543
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.6	122.4
192	23.1	16.2	24.2

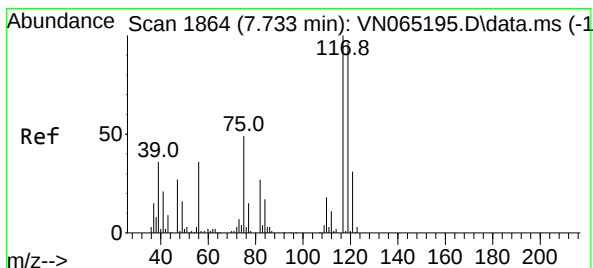
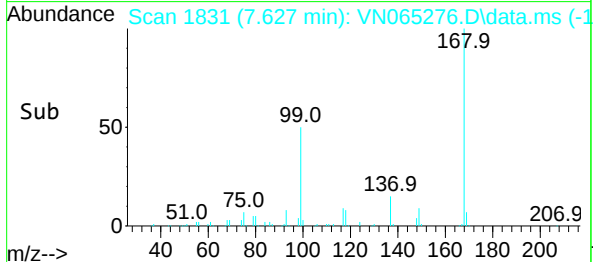
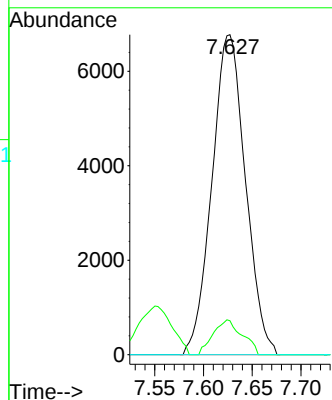
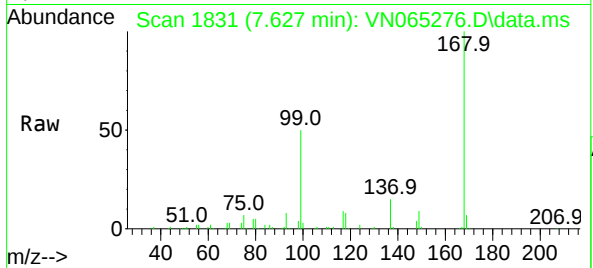




#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

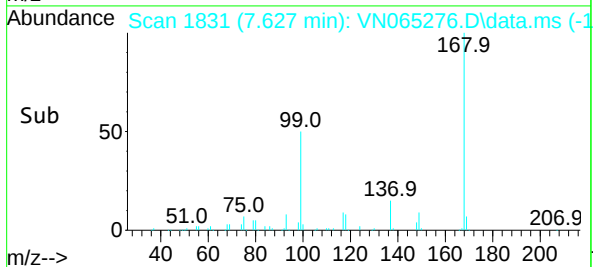
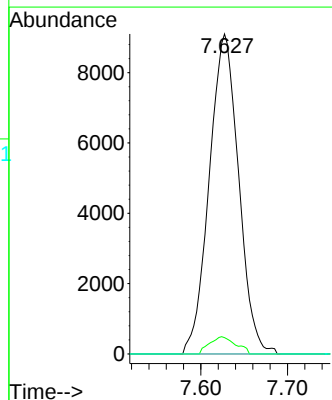
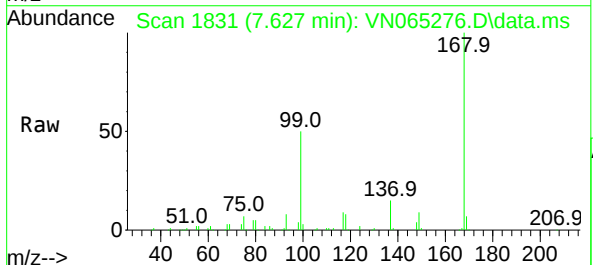
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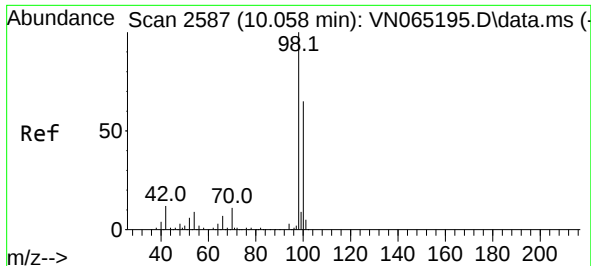
Tgt Ion: 75 Resp: 16208
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion: 117 Resp: 21465
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#

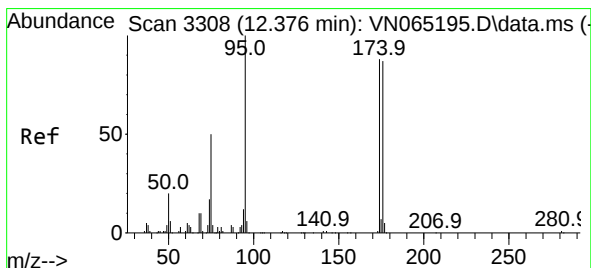
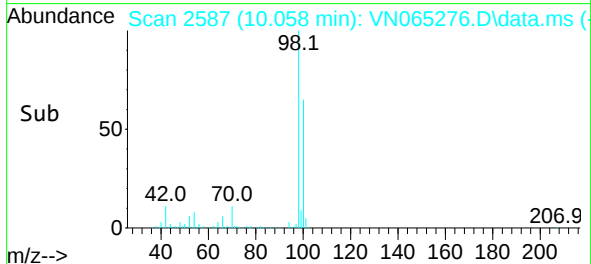
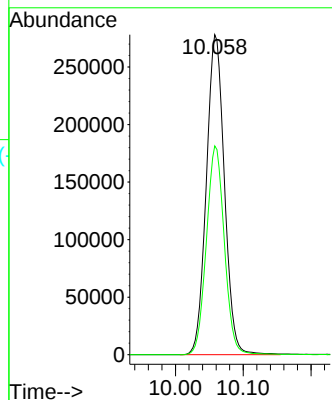
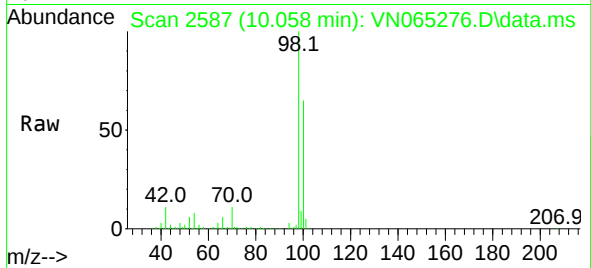




#50
Toluene-d8
Concen: 54.34 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

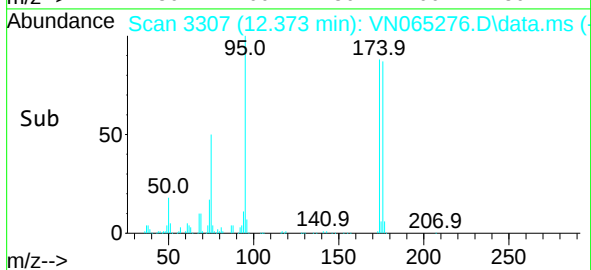
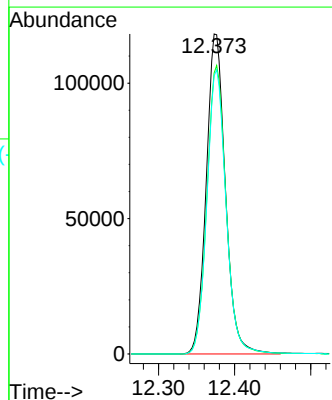
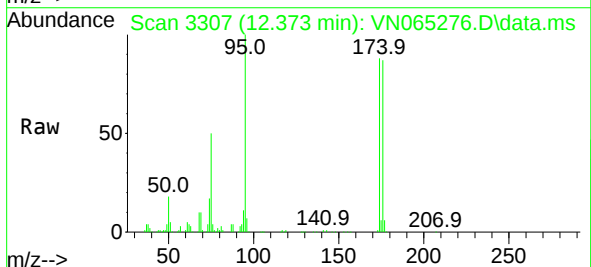
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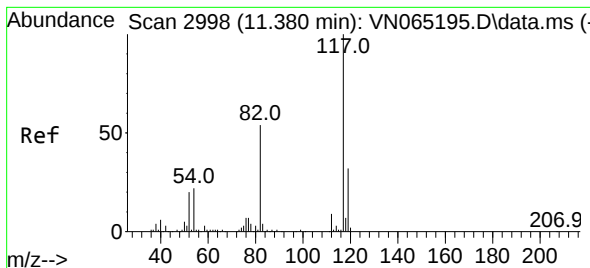
Tgt Ion: 98 Resp: 514487
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.003 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion: 95 Resp: 206546
Ion Ratio Lower Upper
95 100
174 90.4 0.0 160.4
176 88.8 0.0 158.4

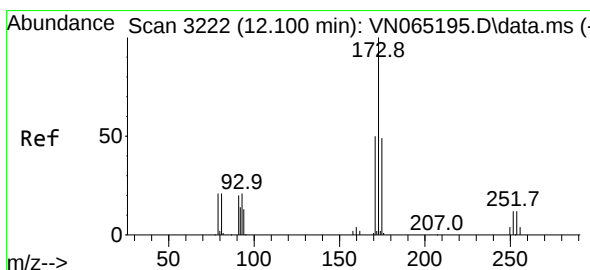
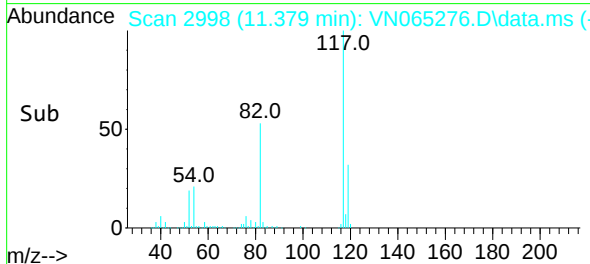
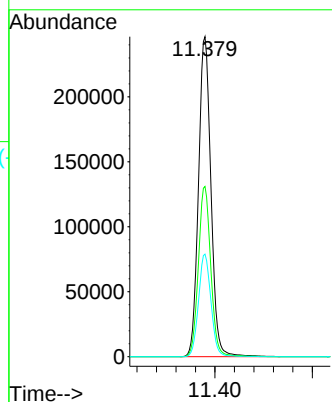
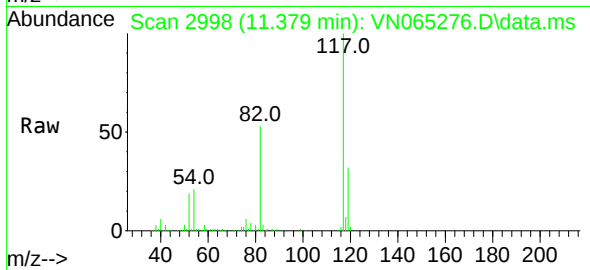




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

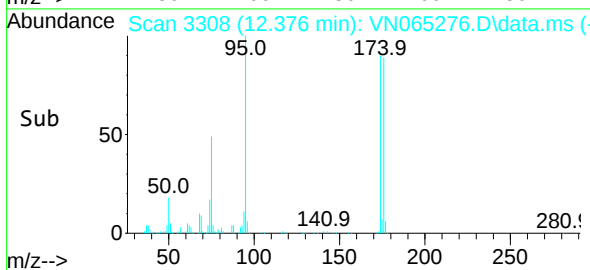
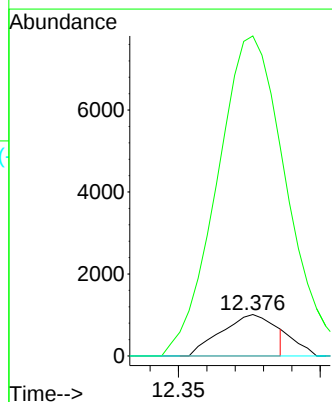
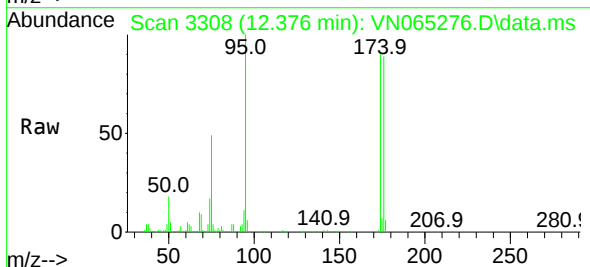
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

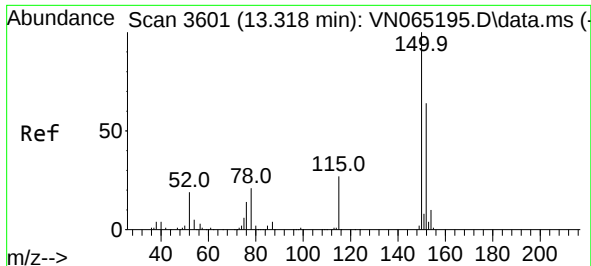
Tgt Ion:117 Resp: 437282
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.0 25.8 38.6



#71
Bromoform
Concen: 0.45 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion:173 Resp: 1332
Ion Ratio Lower Upper
173 100
175 835.9 24.3 72.8#
254 0.0 0.0 0.0

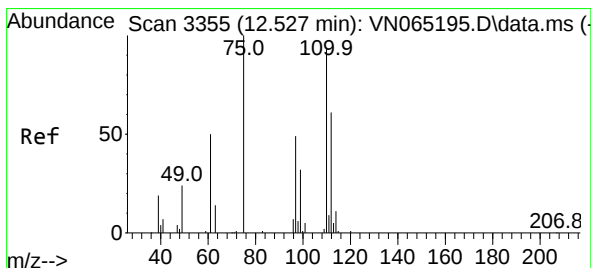
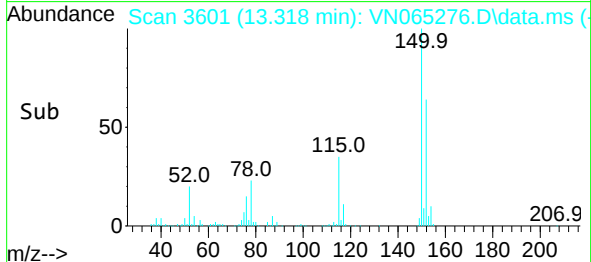
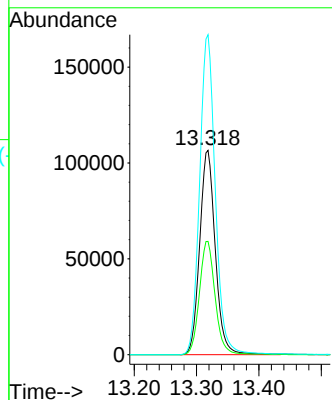
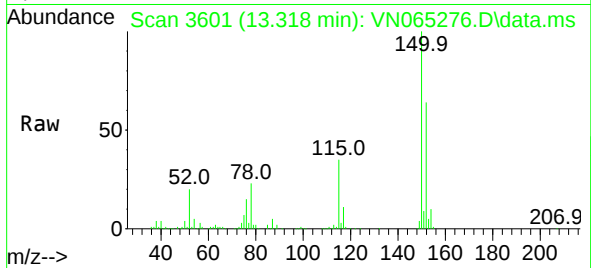




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

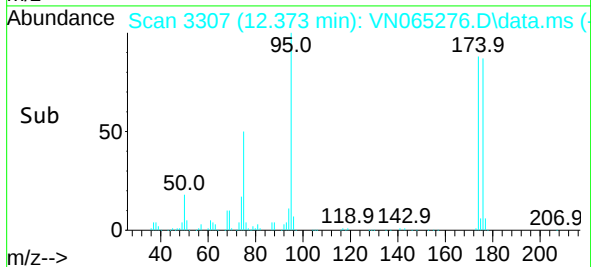
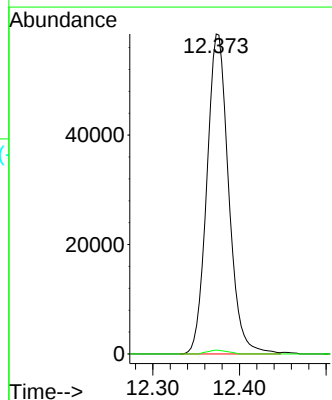
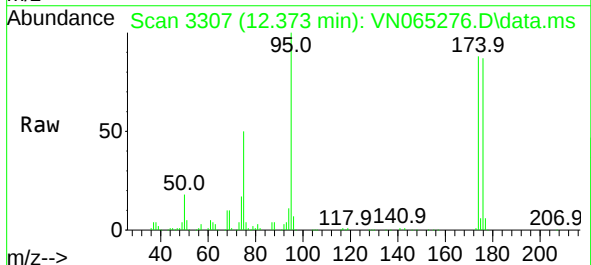
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

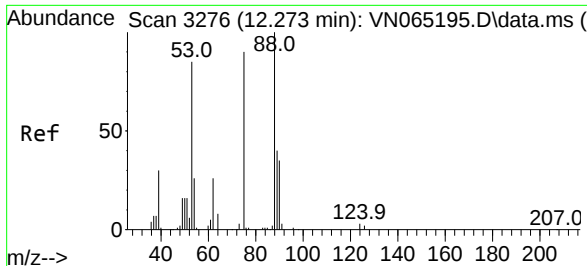
Tgt Ion:152 Resp: 186019
Ion Ratio Lower Upper
152 100
115 55.4 29.7 89.1
150 156.6 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 26.93 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.154 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion: 75 Resp: 102181
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

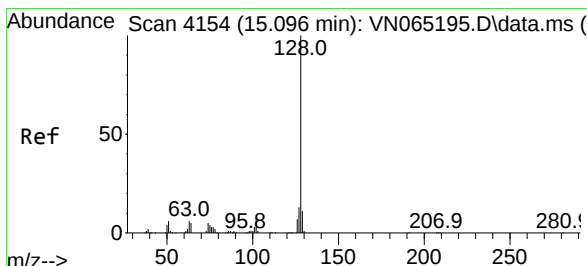
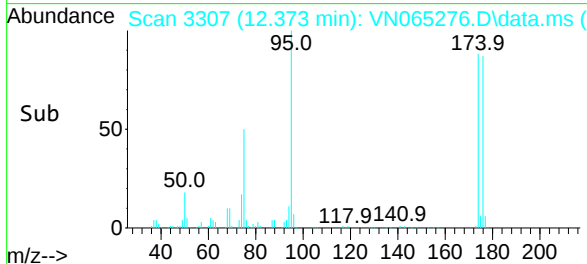
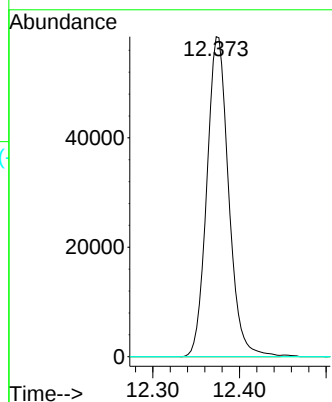
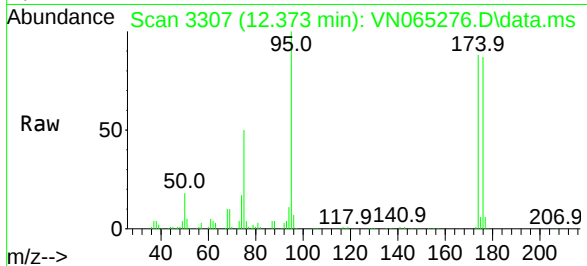




#81
trans-1,4-Dichloro-2-butene
Concen: 67.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.100 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

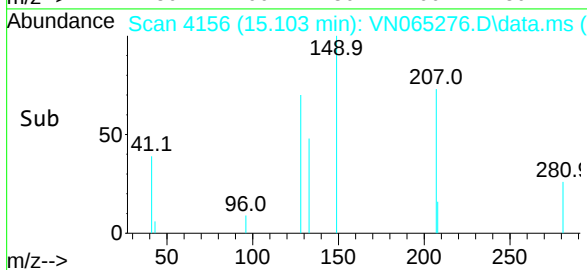
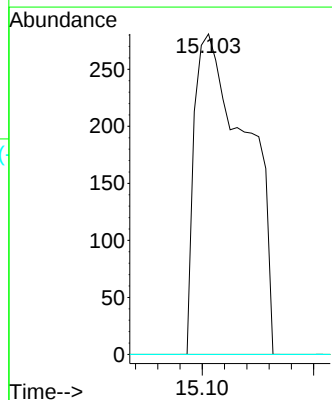
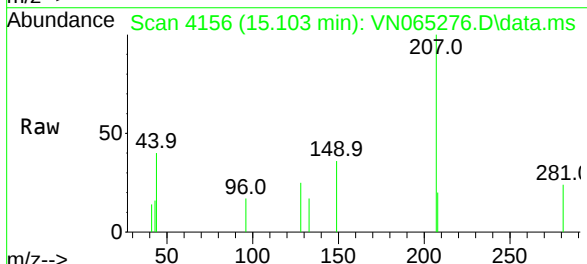
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

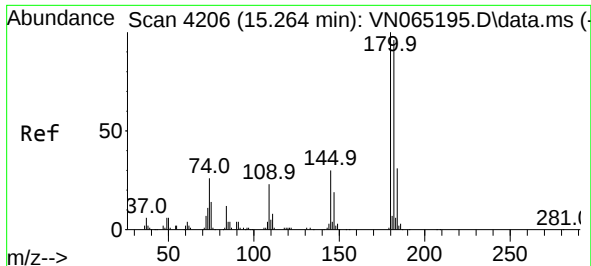
Tgt Ion: 75 Resp: 102181
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.42 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065276.D
Acq: 28 Dec 2020 10:56

Tgt Ion: 128 Resp: 460
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: 3.23 ug/l
 RT: 15.273 min Scan# 4209
 Delta R.T. 0.009 min
 Lab File: VN065276.D
 Acq: 28 Dec 2020 10:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	575.9	48.1	144.4#
145	0.0	16.4	49.1#

