

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065874.D
 Acq On : 16 Feb 2021 15:26
 Operator : JC/MD
 Sample : VN0216WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBL01

Quant Time: Feb 16 16:40:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	154953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	259500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	220583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	72220	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	84798	41.60	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.20%
35) Dibromofluoromethane	7.544	113	72962	47.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.90%
50) Toluene-d8	10.055	98	320323	52.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.98%
62) 4-Bromofluorobenzene	12.373	95	95868	44.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.08%

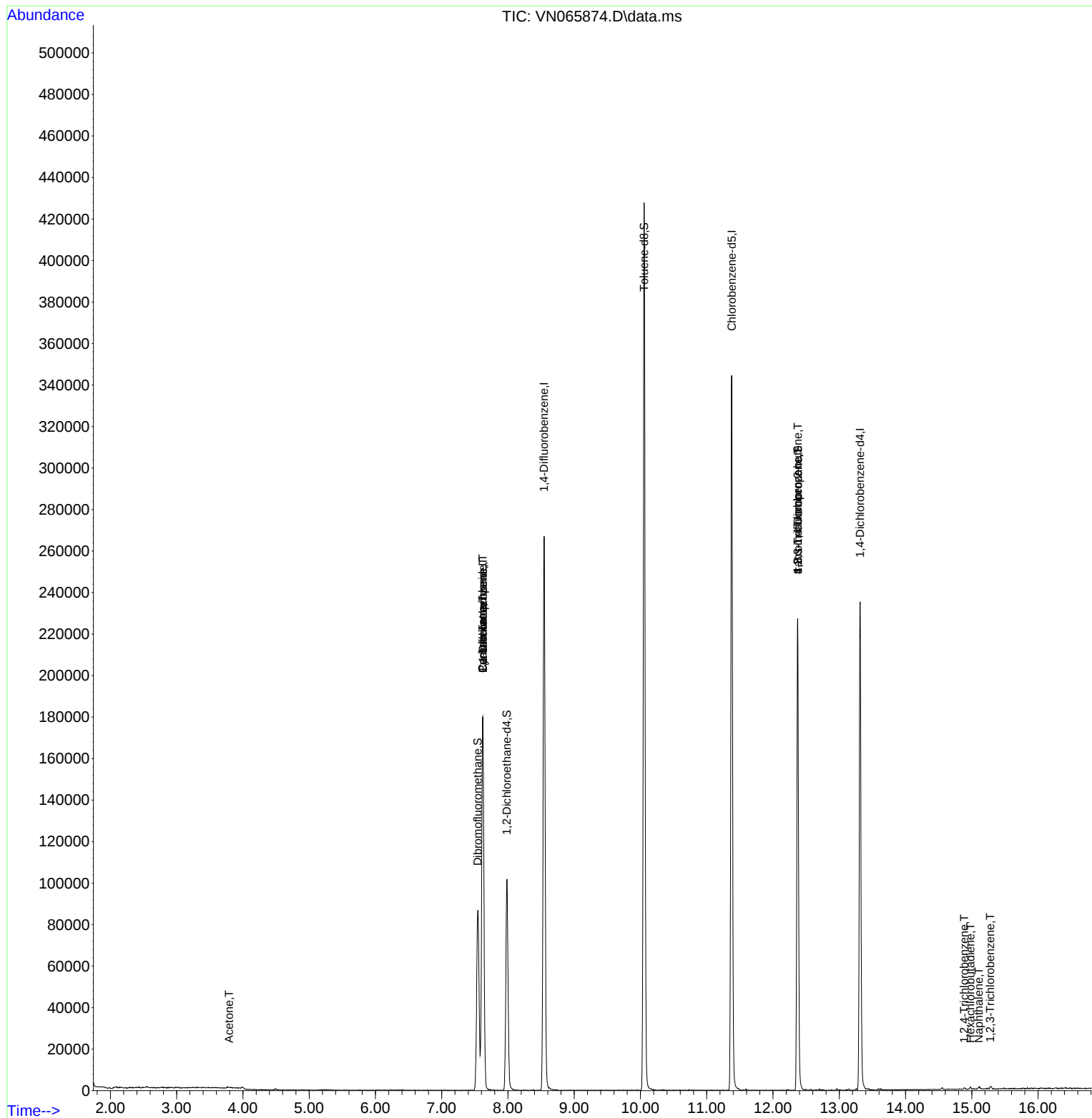
Target Compounds						Qvalue
16) Acetone	3.788	43	185	0.23	ug/l #	41
31) Cyclohexane	7.618	56	2540	0.66	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	11055	4.23	ug/l #	47
38) Carbon Tetrachloride	7.618	117	14518	6.75	ug/l #	16
76) 1,2,3-Trichloropropane	12.373	75	42148	22.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	42148	57.16	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.887	180	404	3.62	ug/l #	74
94) Hexachlorobutadiene	14.981	225	432	0.94	ug/l #	70
95) Naphthalene	15.106	128	1828	3.82	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.280	180	845	3.40	ug/l #	57

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

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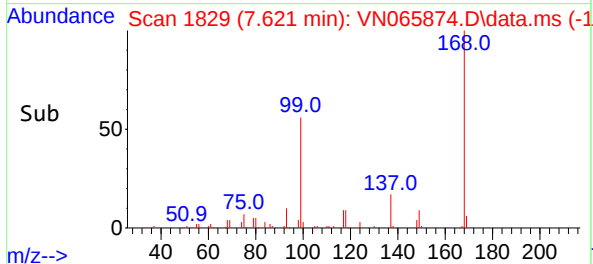
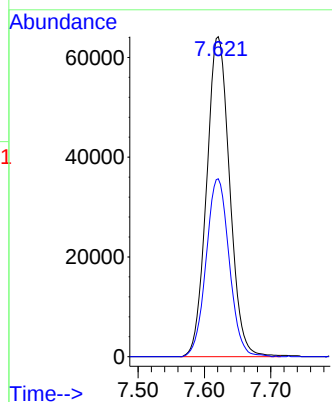
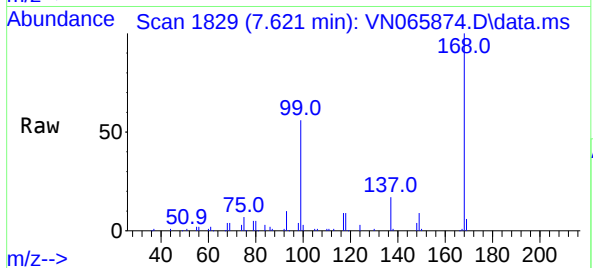




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

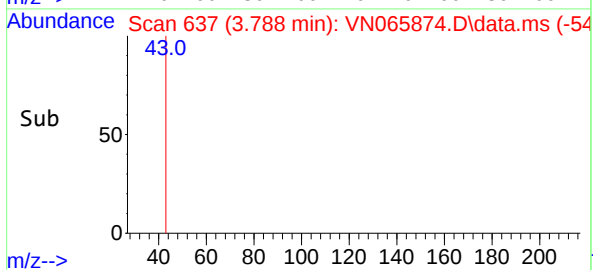
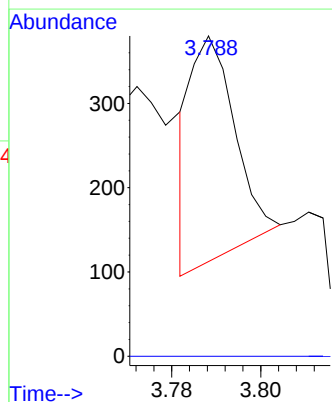
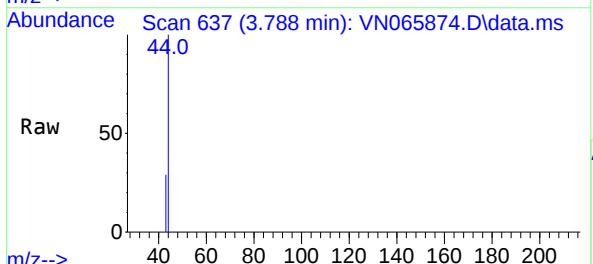
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

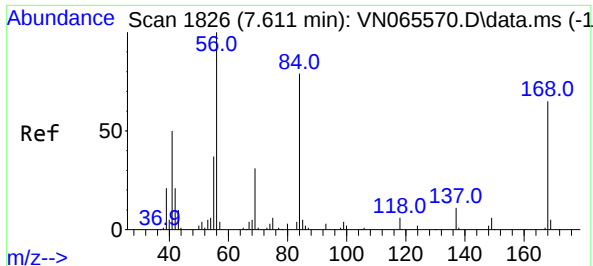
Tgt Ion:168 Resp: 154953
Ion Ratio Lower Upper
168 100
99 55.6 42.6 63.8



#16
Acetone
Concen: 0.23 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.006 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

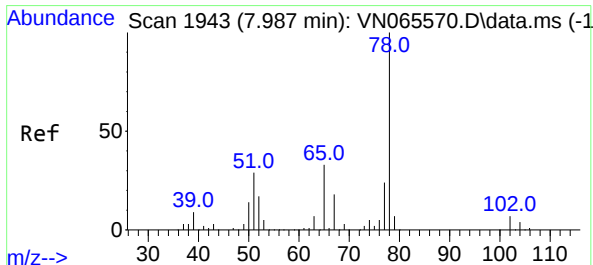
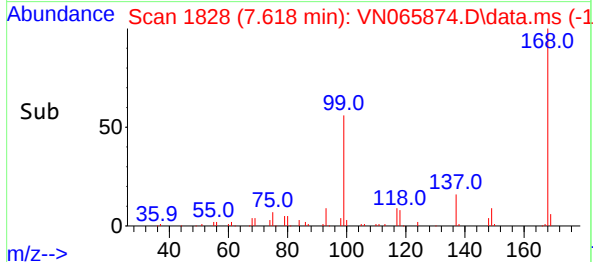
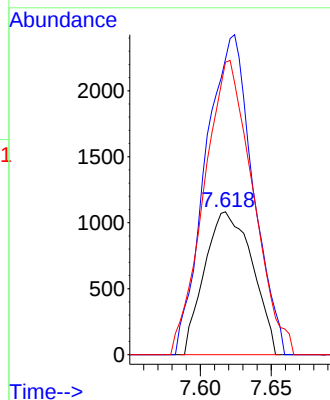
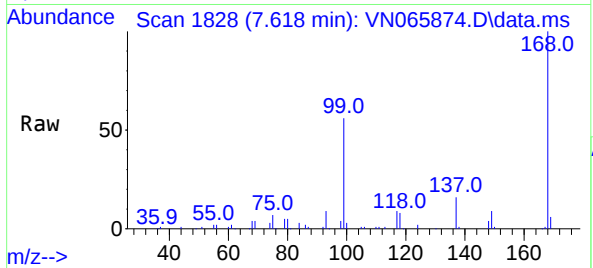




#31
Cyclohexane
Concen: 0.66 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

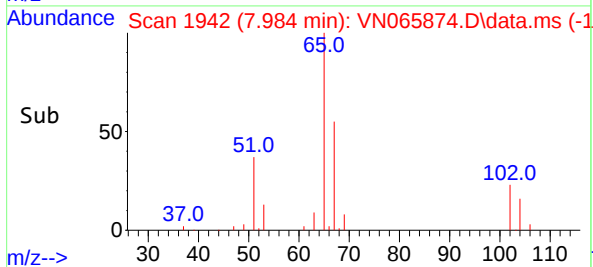
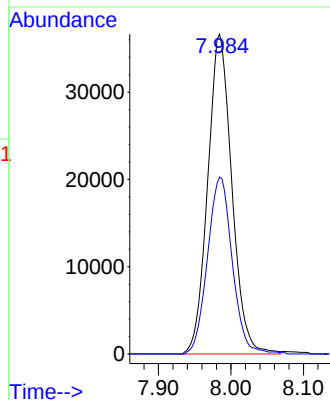
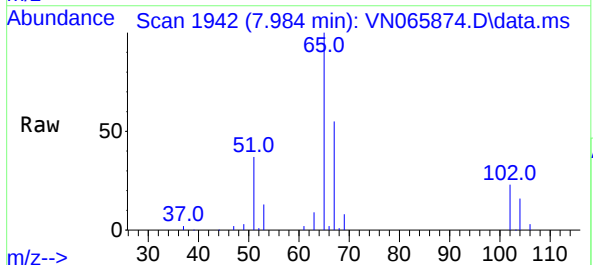
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

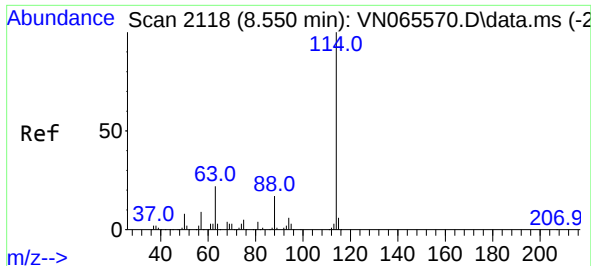
Tgt Ion: 56 Resp: 2540
Ion Ratio Lower Upper
56 100
69 187.6 26.6 39.8#
84 185.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 41.60 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion: 65 Resp: 84798
Ion Ratio Lower Upper
65 100
67 56.4 0.0 107.2





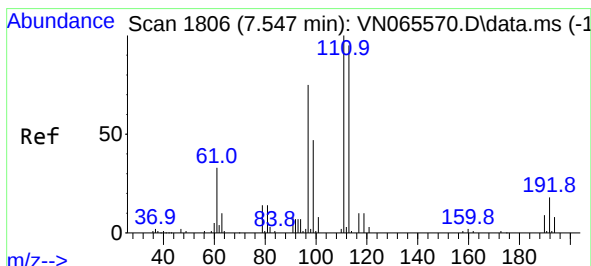
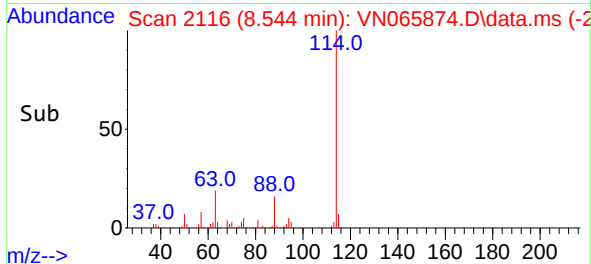
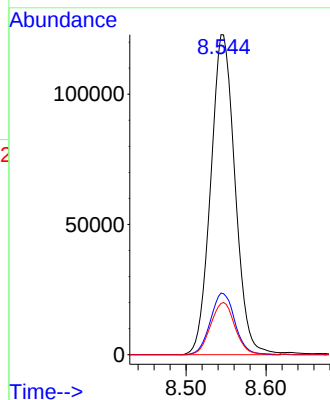
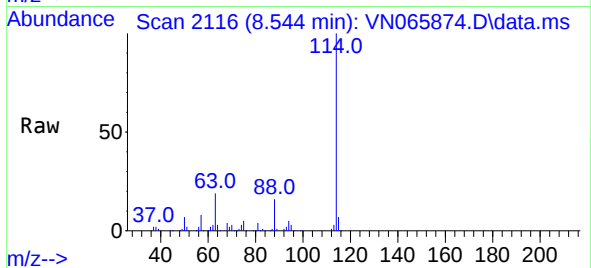
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

Tgt Ion:114 Resp: 259500

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	16.0	0.0	30.6

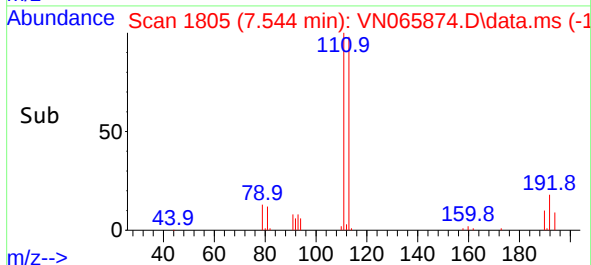
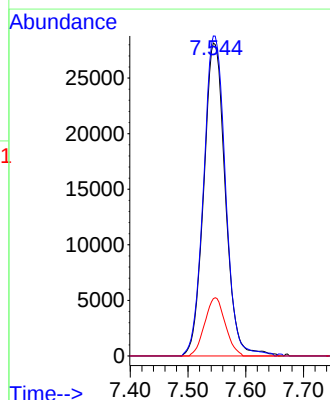
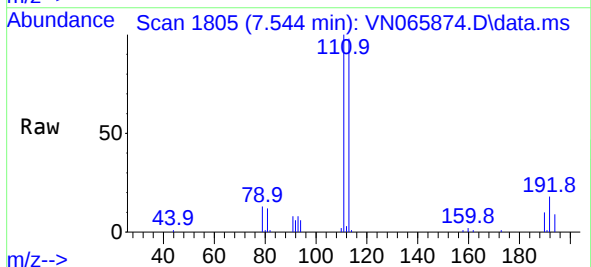


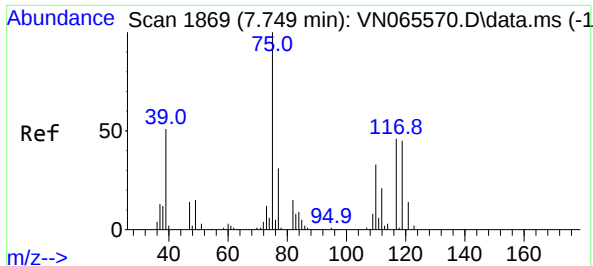
#35

Dibromofluoromethane
Concen: 47.45 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion:113 Resp: 72962

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.2
192	17.8	15.4	23.0

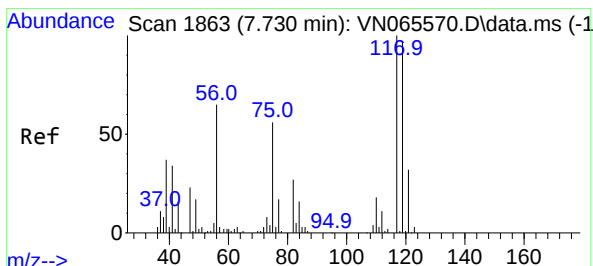
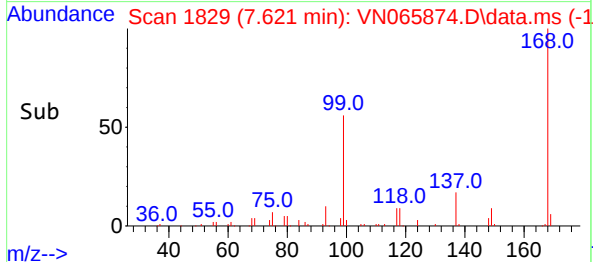
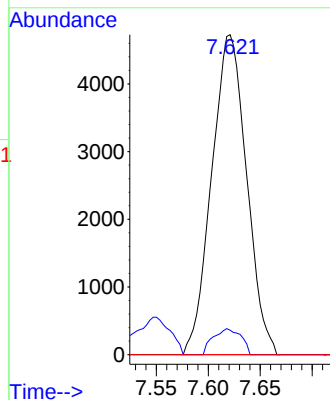
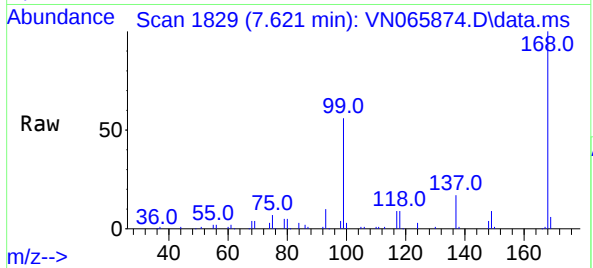




#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

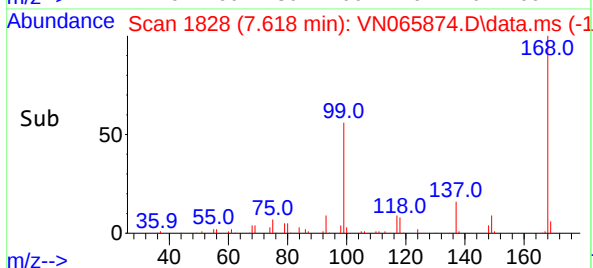
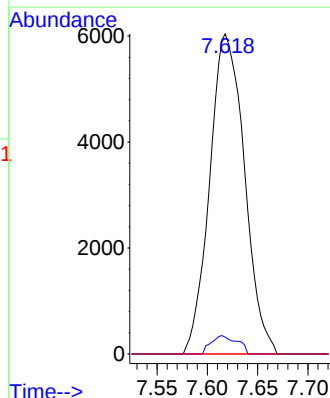
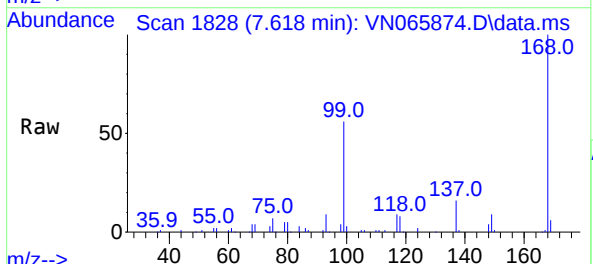
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

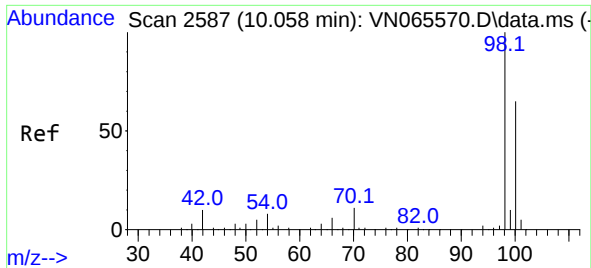
Tgt Ion: 75 Resp: 11055
Ion Ratio Lower Upper
75 100
110 6.4 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.112 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion: 117 Resp: 14518
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#

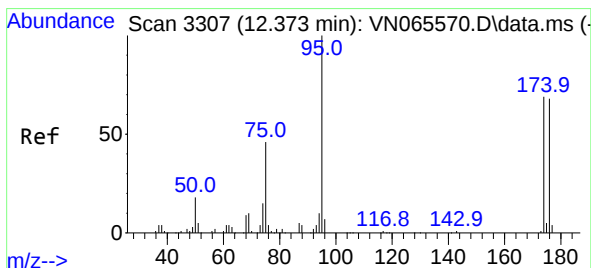
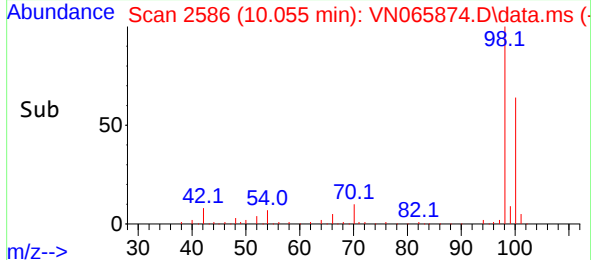
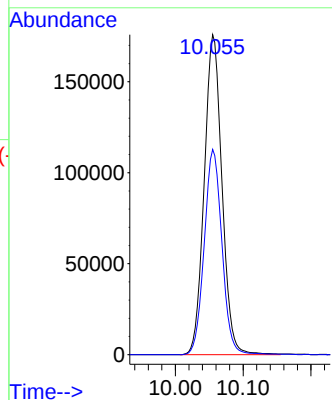
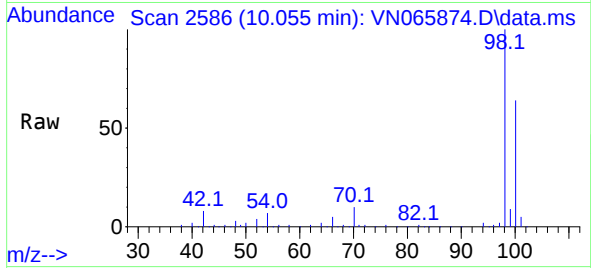




#50
Toluene-d8
Concen: 52.99 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

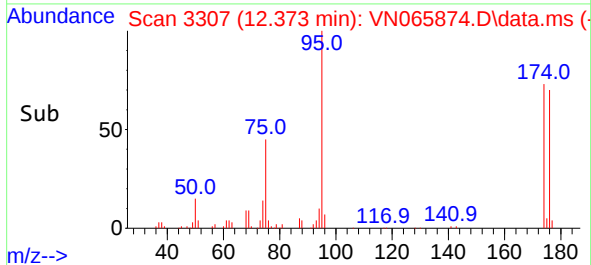
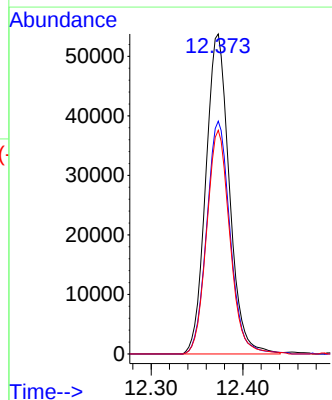
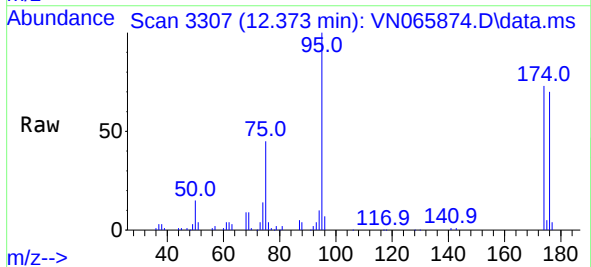
Instrument :
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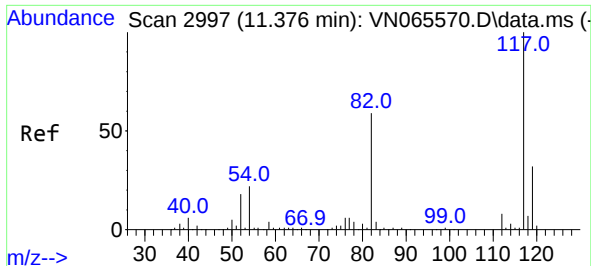
Tgt Ion: 98 Resp: 320323
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.04 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion: 95 Resp: 95868
Ion Ratio Lower Upper
95 100
174 72.5 0.0 169.0
176 68.9 0.0 162.4

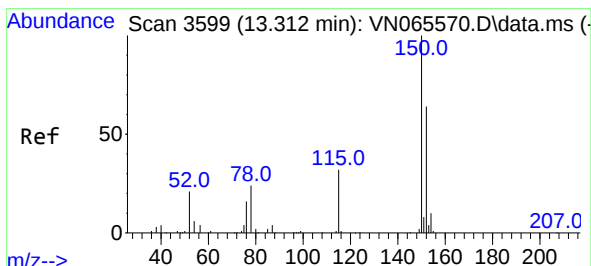
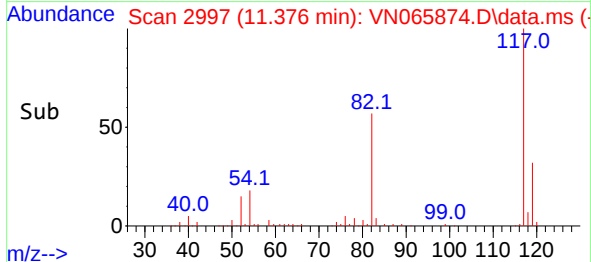
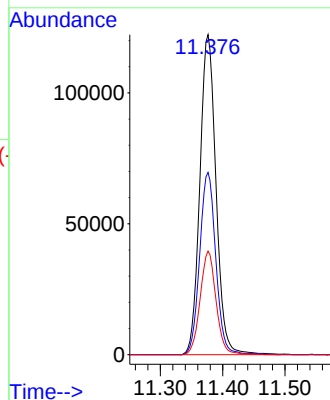
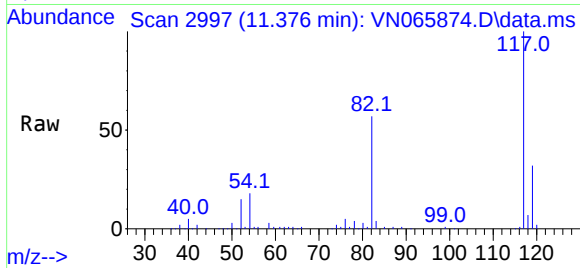




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

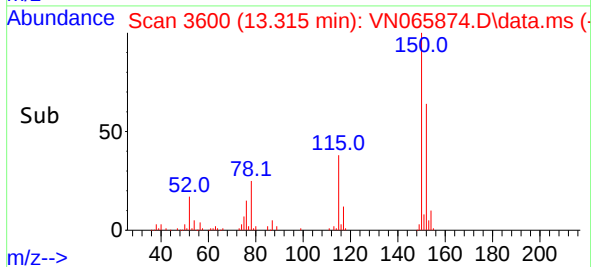
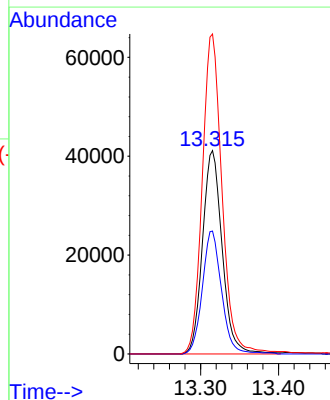
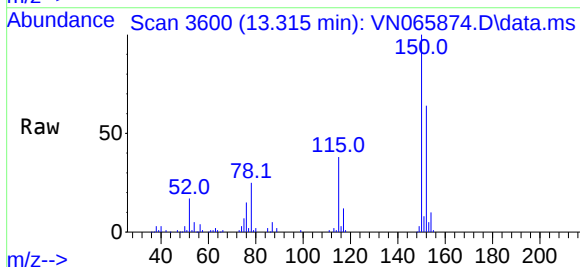
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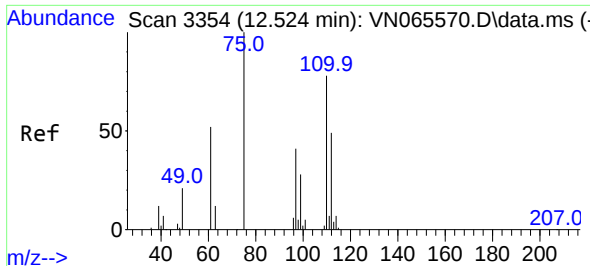
Tgt Ion:117 Resp: 220583
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion:152 Resp: 72220
Ion Ratio Lower Upper
152 100
115 59.0 28.5 85.6
150 159.0 0.0 347.6

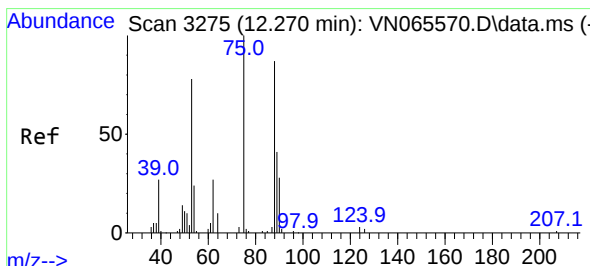
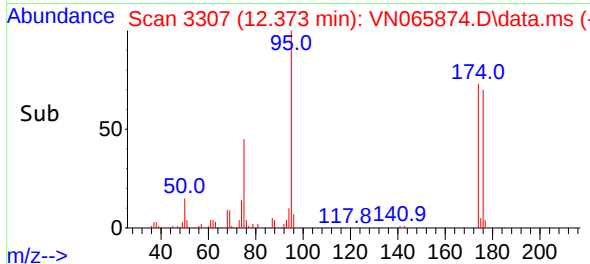
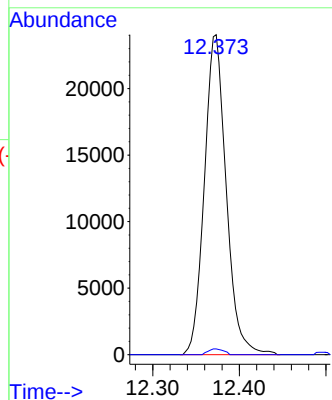
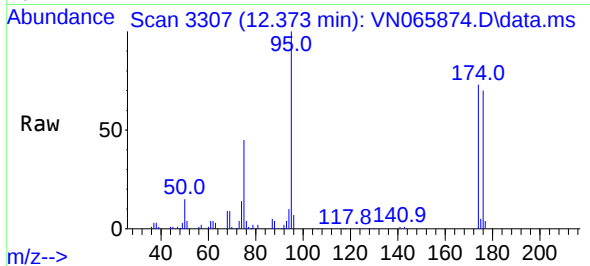




#76
1,2,3-Trichloropropane
Concen: 22.32 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

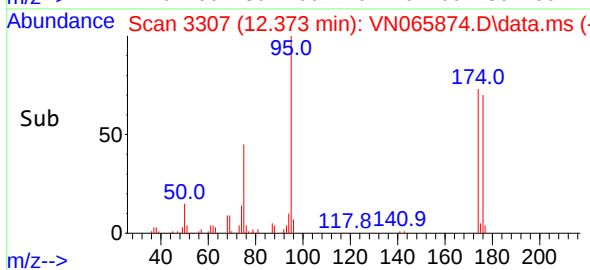
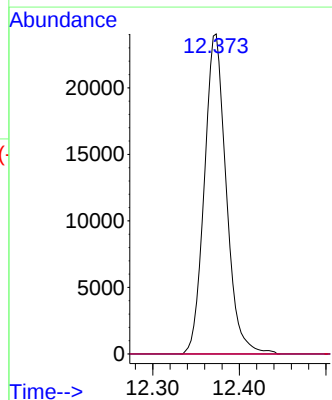
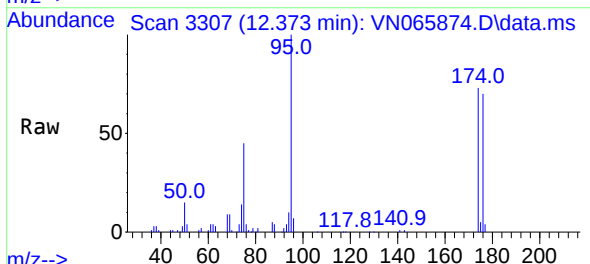
Instrument :
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VN0216WBL01

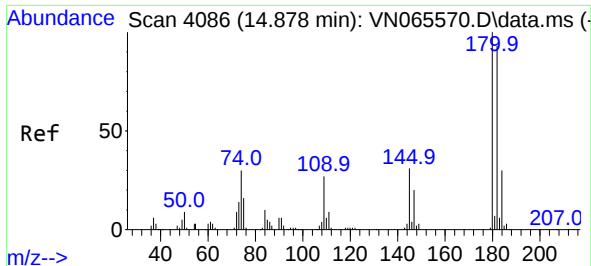
Tgt Ion: 75 Resp: 42148
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.16 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion: 75 Resp: 42148
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

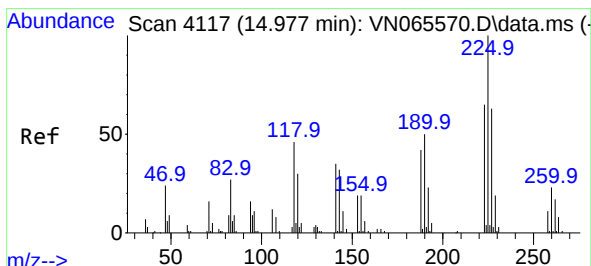
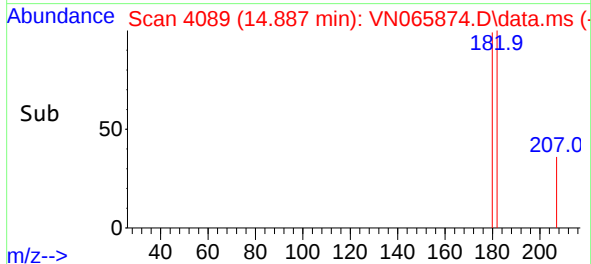
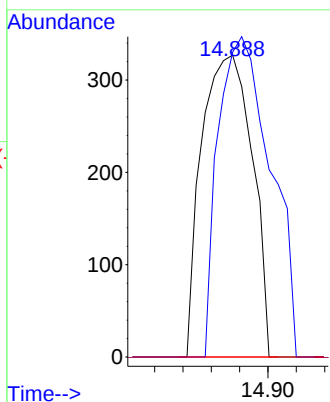
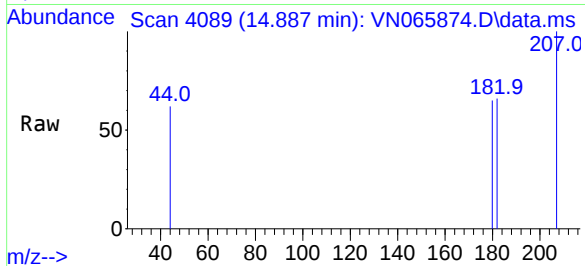




#93
1,2,4-Trichlorobenzene
Concen: 3.62 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.009 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

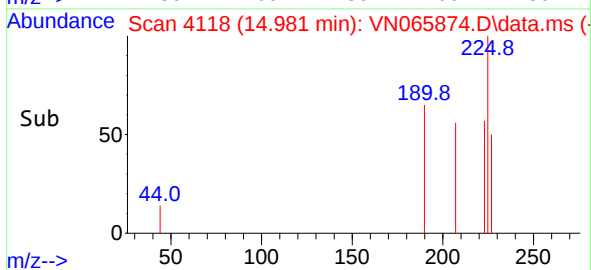
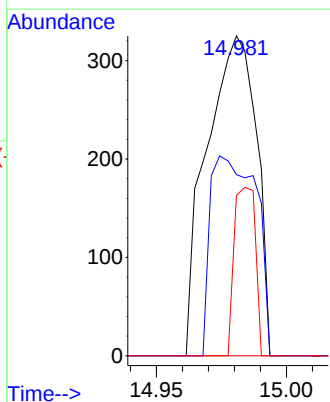
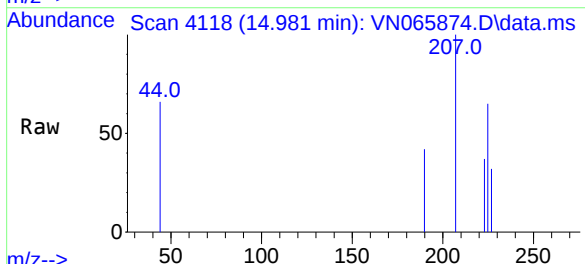
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

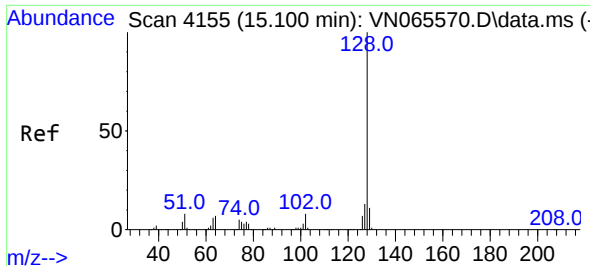
Tgt Ion:180 Resp: 404
Ion Ratio Lower Upper
180 100
182 110.1 47.3 142.0
145 0.0 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.94 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.004 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion:225 Resp: 432
Ion Ratio Lower Upper
225 100
223 57.4 31.9 95.9
227 22.5 31.6 95.0#

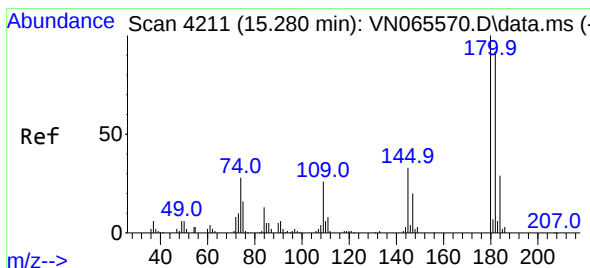
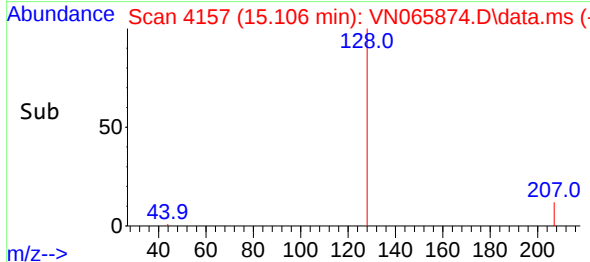
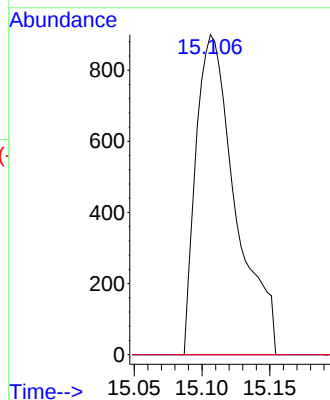
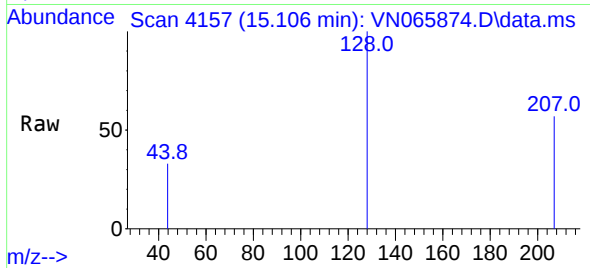




#95
Naphthalene
Concen: 3.82 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

Tgt Ion:128 Resp: 1828
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.40 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN065874.D
Acq: 16 Feb 2021 15:26

Tgt Ion:180 Resp: 845
Ion Ratio Lower Upper
180 100
182 49.2 47.4 142.3
145 14.6 16.5 49.5#

