

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065876.D
 Acq On : 16 Feb 2021 16:34
 Operator : JC/MD
 Sample : M1413-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-021221

Quant Time: Feb 16 16:57:31 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	162217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	272773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	235497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	83145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	88553	41.49	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.98%
35) Dibromofluoromethane	7.544	113	77976	48.24	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.48%
50) Toluene-d8	10.055	98	335963	52.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.76%
62) 4-Bromofluorobenzene	12.373	95	106308	46.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.92%

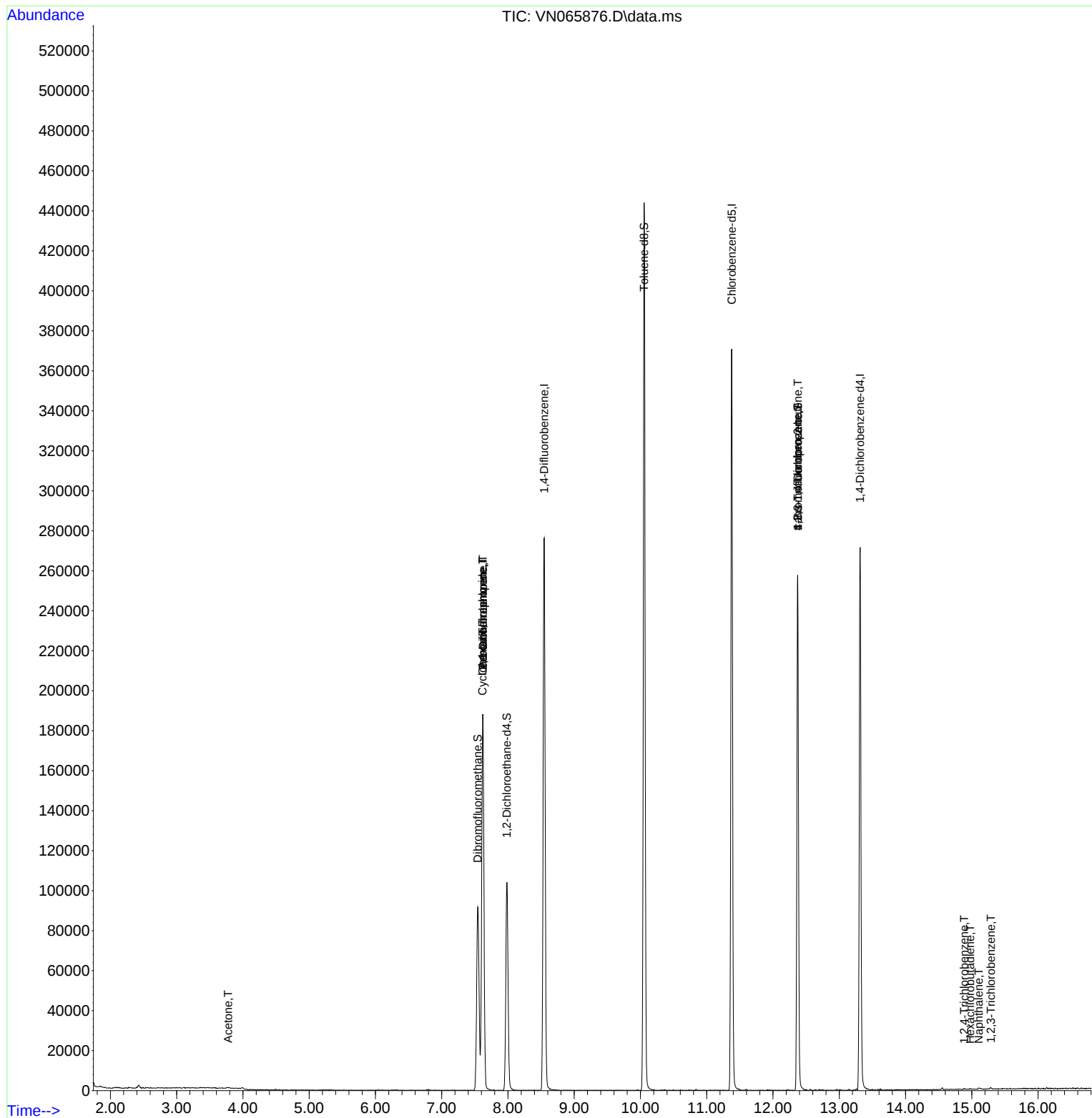
Target Compounds						Qvalue
16) Acetone	3.775	43	647	0.78	ug/l #	41
31) Cyclohexane	7.614	56	2574	0.64	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	11615	4.23	ug/l #	45
38) Carbon Tetrachloride	7.618	117	14926	6.61	ug/l #	16
76) 1,2,3-Trichloropropane	12.373	75	47083	21.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	47083	55.47	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.884	180	138	3.44	ug/l #	81
94) Hexachlorobutadiene	14.977	225	193	0.50	ug/l #	18
95) Naphthalene	15.106	128	1127	3.65	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.289	180	449	3.10	ug/l #	67

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

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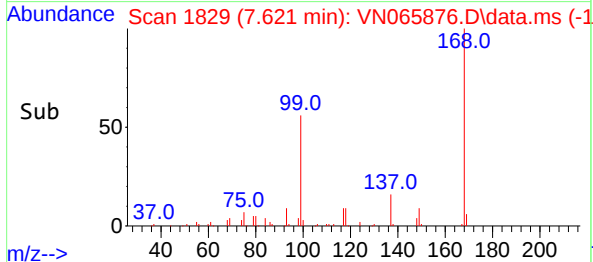
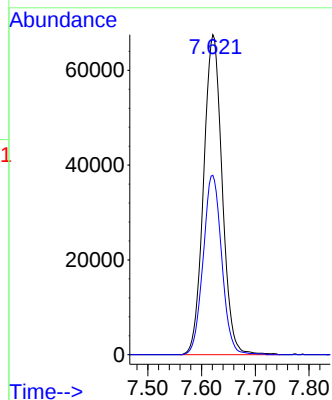
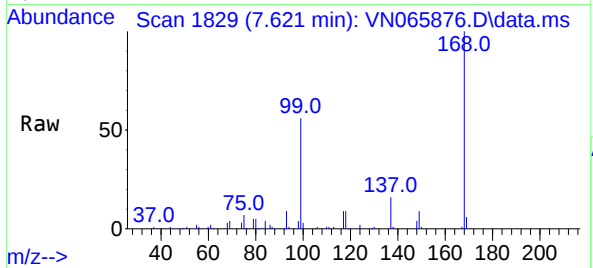




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

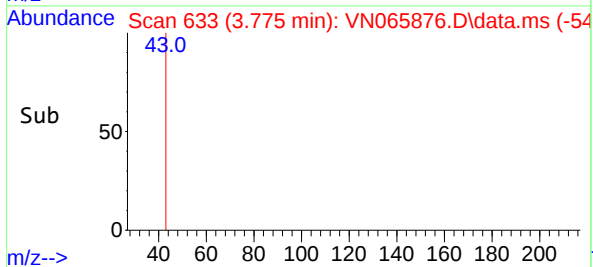
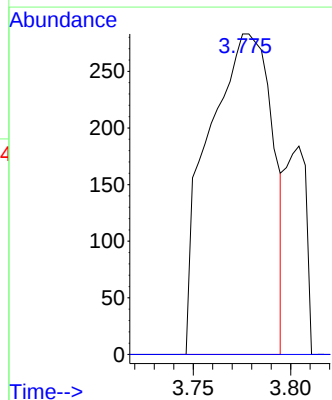
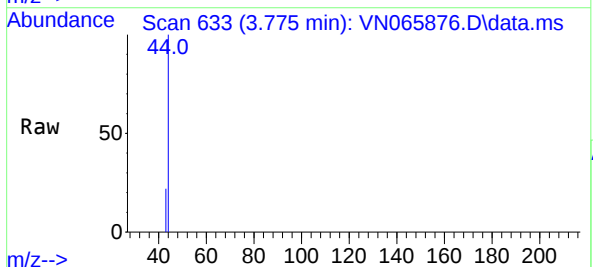
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021221

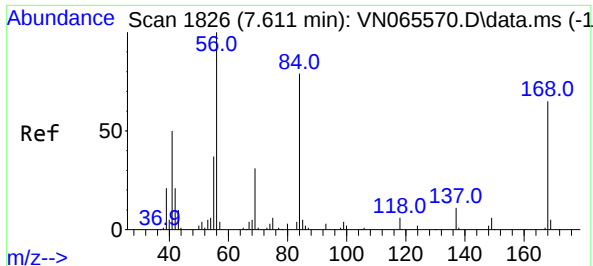
Tgt Ion:168 Resp: 162217
Ion Ratio Lower Upper
168 100
99 56.0 42.6 63.8



#16
Acetone
Concen: 0.78 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

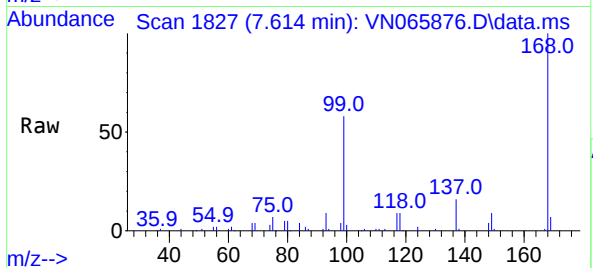
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



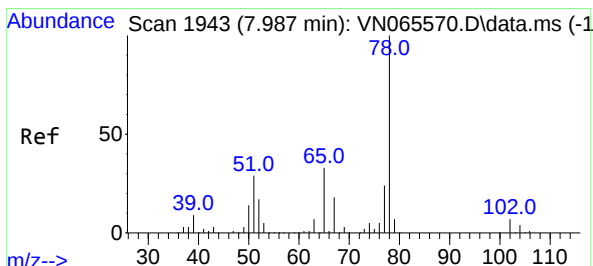
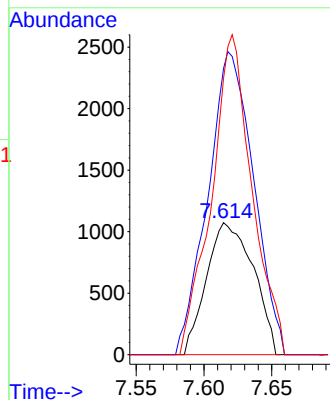
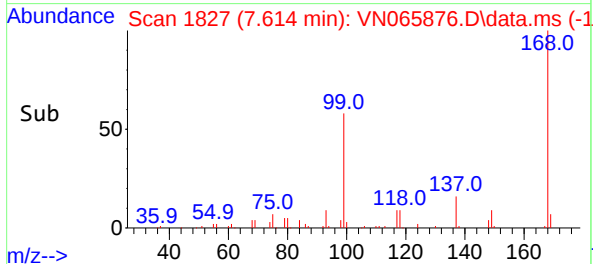


#31
Cyclohexane
Concen: 0.64 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

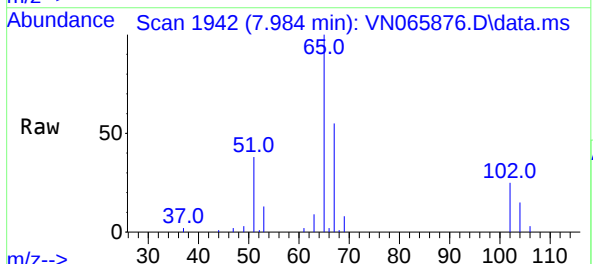
Instrument :
MSVOA_N
ClientSampled :
TB-01-021221



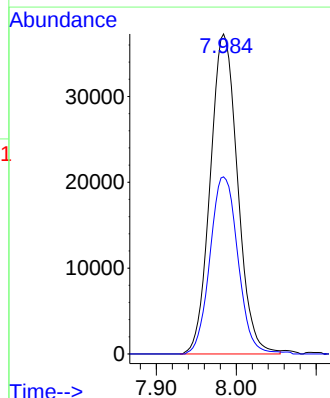
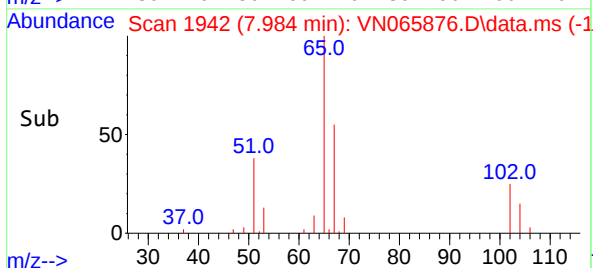
Tgt Ion: 56 Resp: 2574
Ion Ratio Lower Upper
56 100
69 202.6 26.6 39.8#
84 209.4 70.4 105.6#

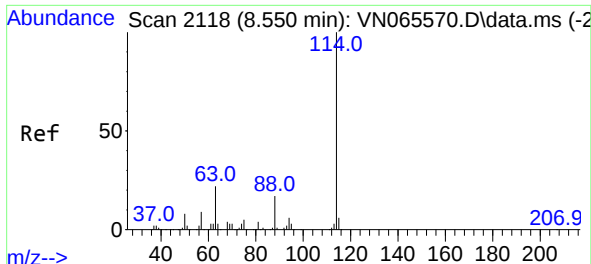


#33
1,2-Dichloroethane-d4
Concen: 41.49 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34



Tgt Ion: 65 Resp: 88553
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2





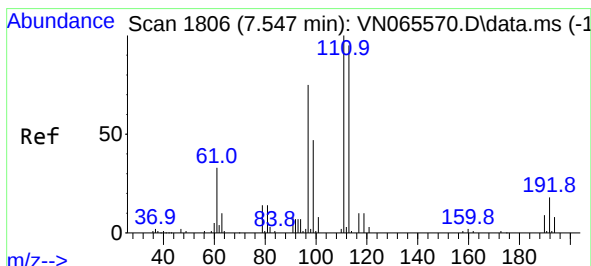
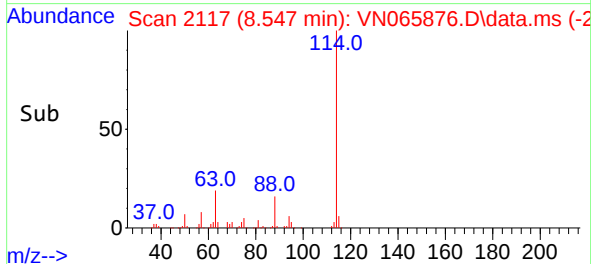
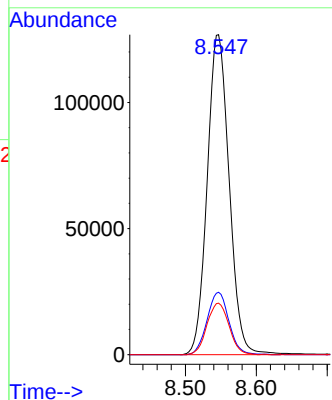
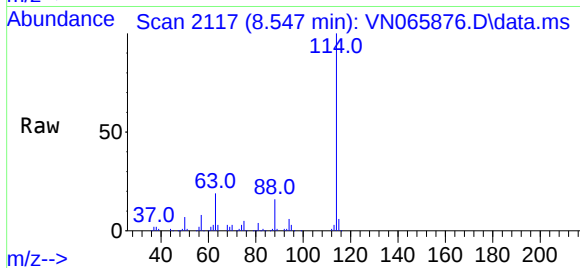
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

Instrument :
MSVOA_N
ClientSampleId :
TB-01-021221

Tgt Ion:114 Resp: 272773

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	16.1	0.0	30.6

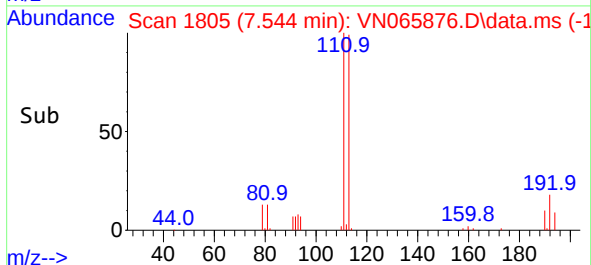
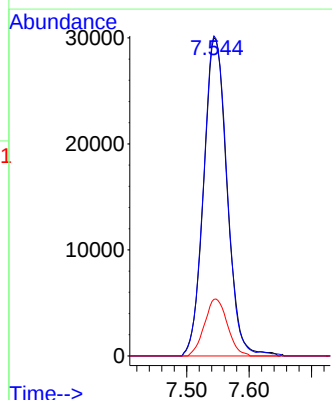
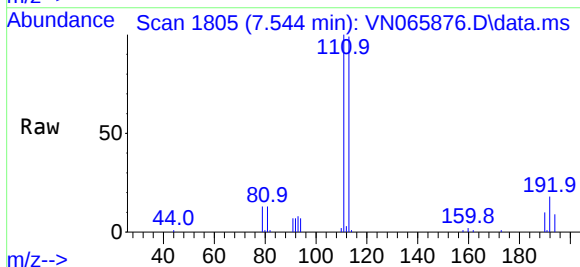


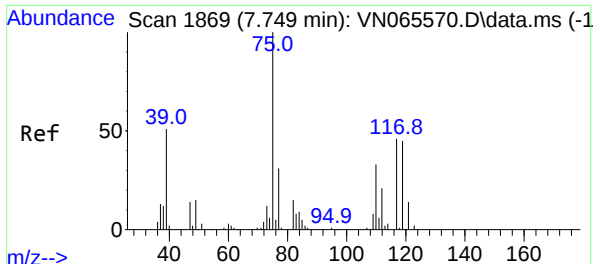
#35

Dibromofluoromethane
Concen: 48.24 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

Tgt Ion:113 Resp: 77976

Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.2	123.2
192	17.6	15.4	23.0

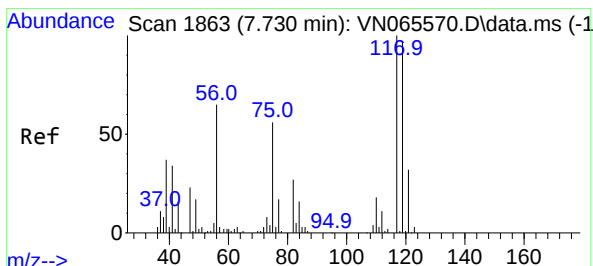
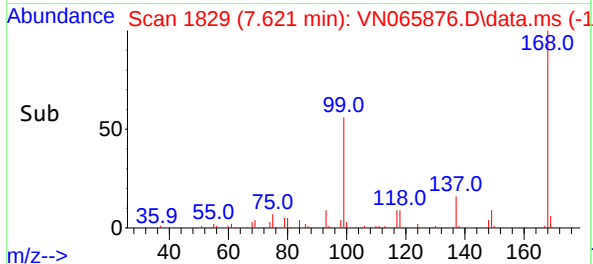
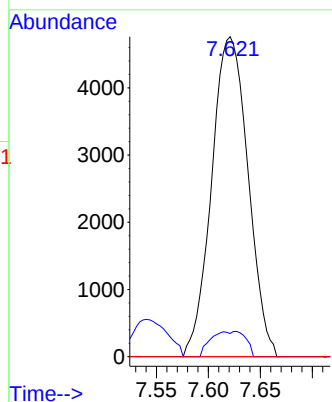
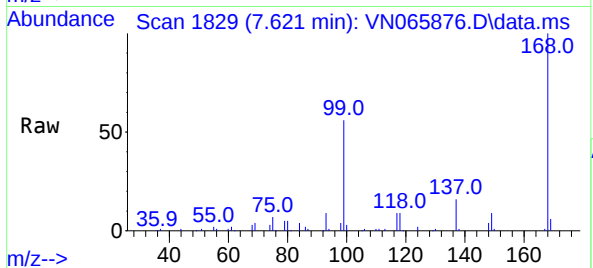




#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

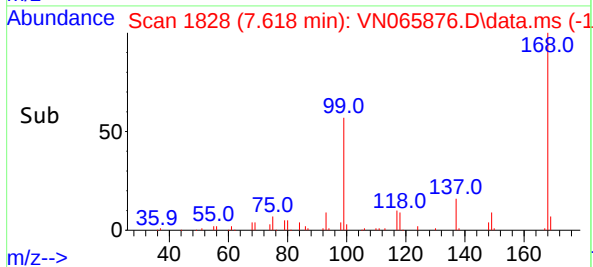
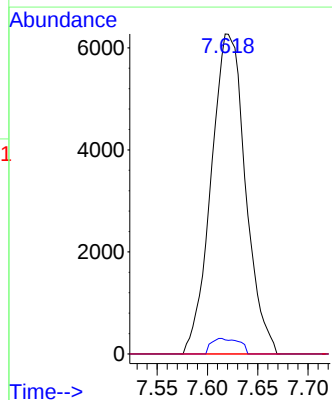
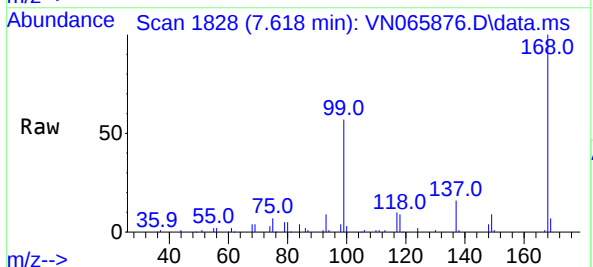
Instrument :
MSVOA_N
ClientSampled :
TB-01-021221

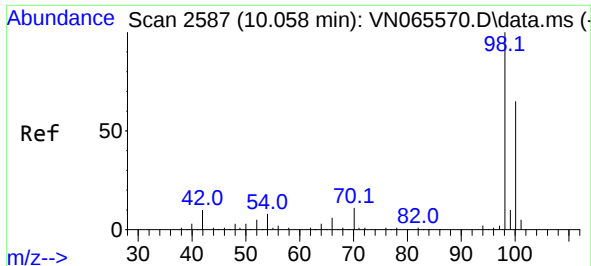
Tgt Ion: 75 Resp: 11615
Ion Ratio Lower Upper
75 100
110 4.4 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.61 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.112 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

Tgt Ion: 117 Resp: 14926
Ion Ratio Lower Upper
117 100
119 4.4 76.0 114.0#
121 0.0 24.5 36.7#

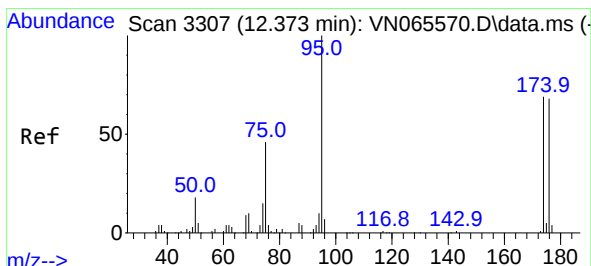
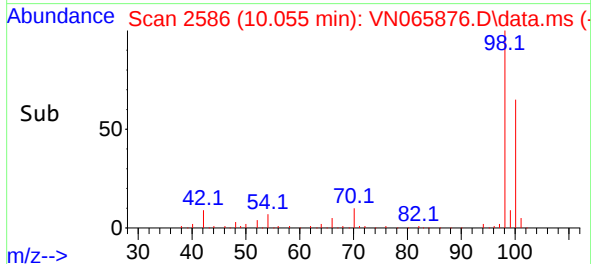
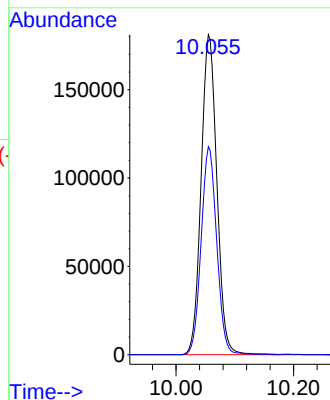
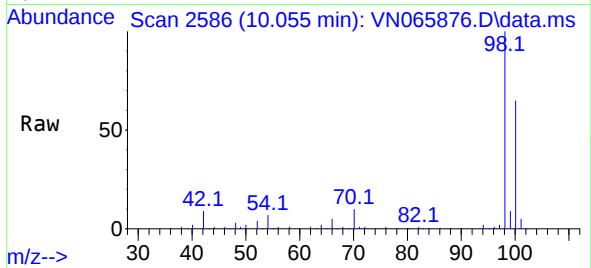




#50
Toluene-d8
Concen: 52.88 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

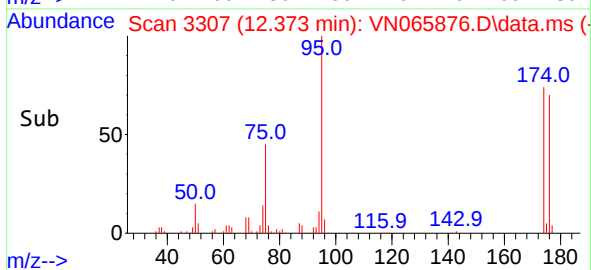
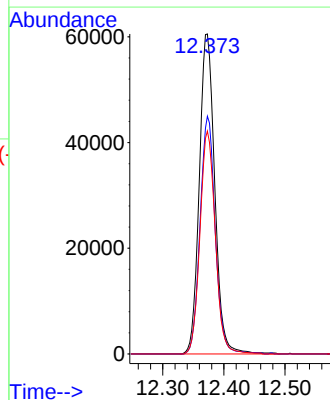
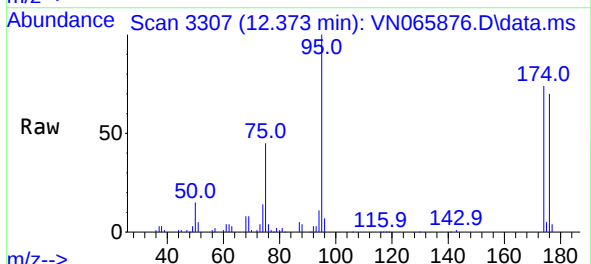
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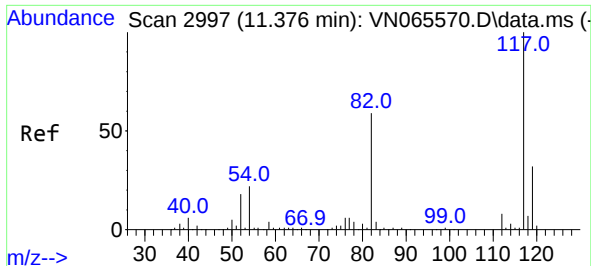
Tgt Ion: 98 Resp: 335963
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

Tgt Ion: 95 Resp: 106308
Ion Ratio Lower Upper
95 100
174 72.9 0.0 169.0
176 69.0 0.0 162.4

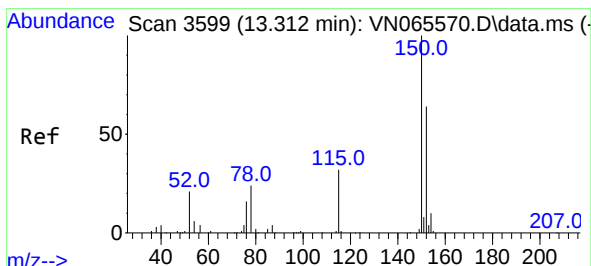
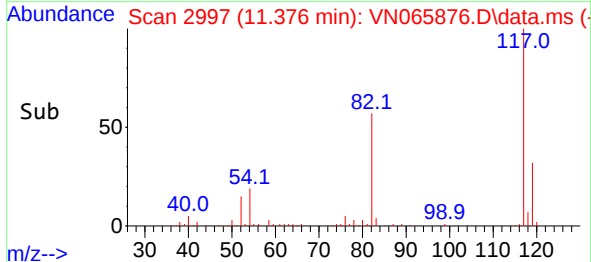
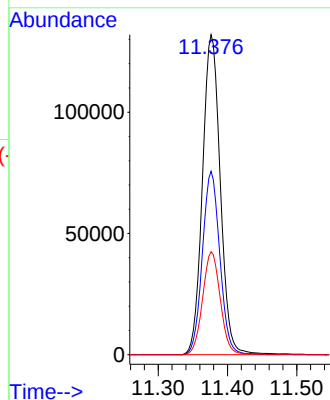
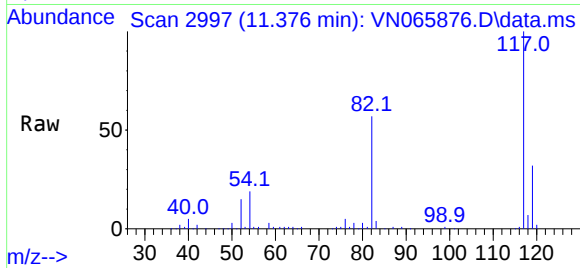




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

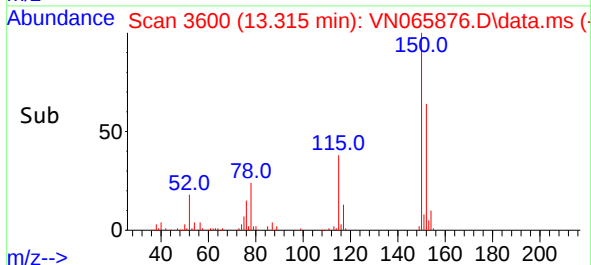
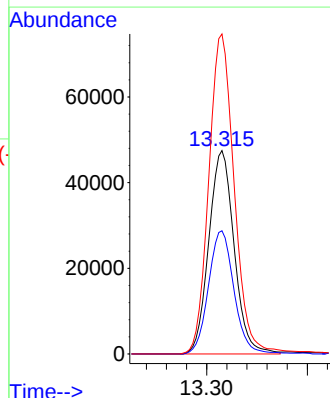
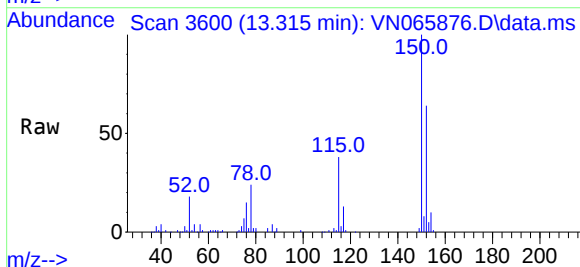
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TB-01-021221

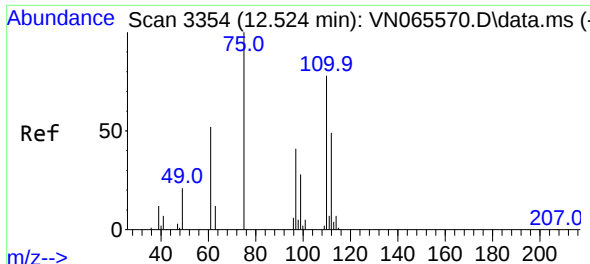
Tgt Ion:	117	Resp:	235497
Ion Ratio	Lower	Upper	
117	100		
82	57.3	43.7	65.5
119	32.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

Tgt Ion:	152	Resp:	83145
Ion Ratio	Lower	Upper	
152	100		
115	60.9	28.5	85.6
150	159.2	0.0	347.6

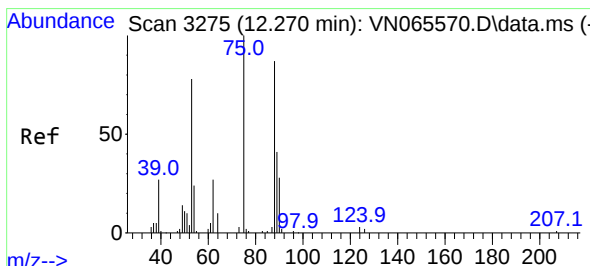
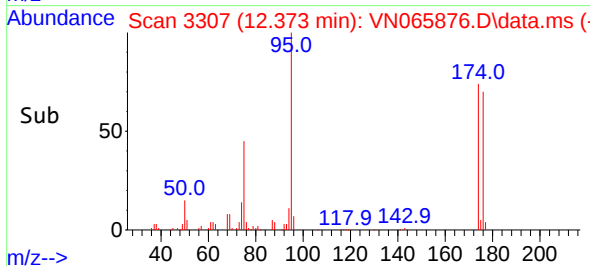
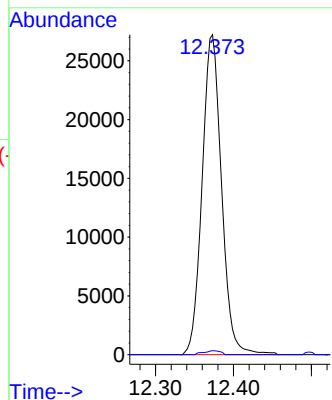
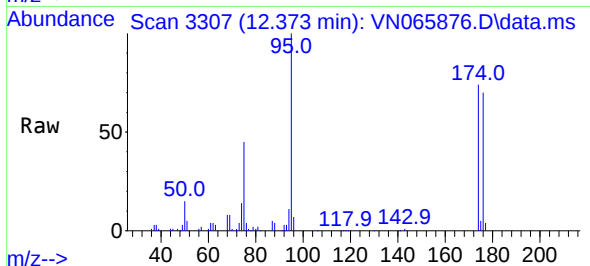




#76
1,2,3-Trichloropropane
Concen: 21.66 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

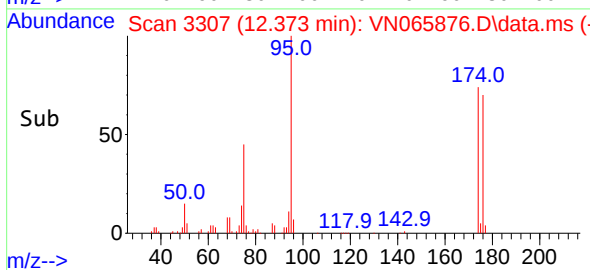
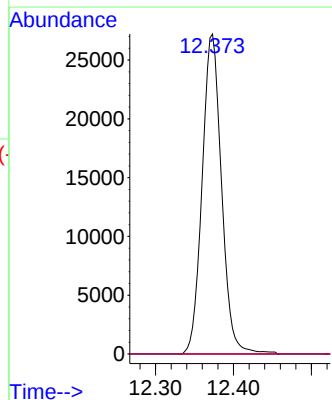
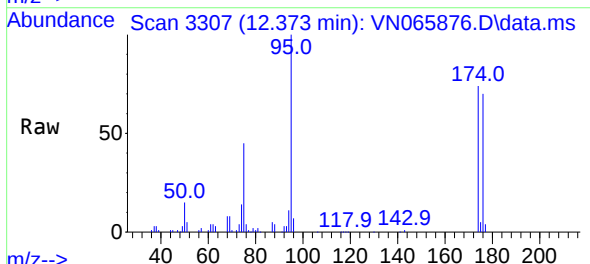
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021221

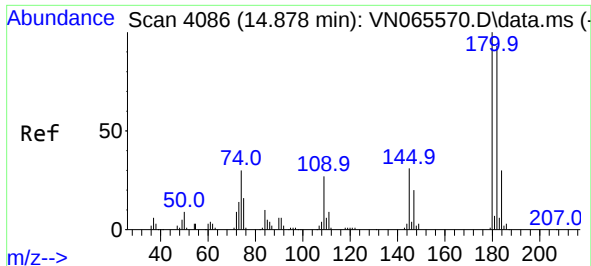
Tgt Ion: 75 Resp: 47083
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.47 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

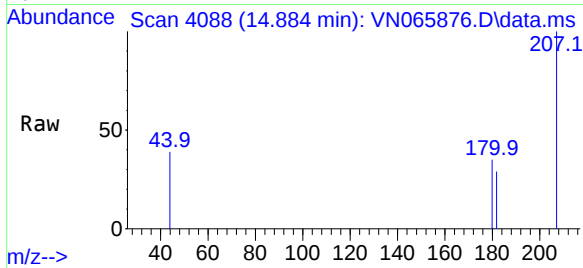
Tgt Ion: 75 Resp: 47083
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



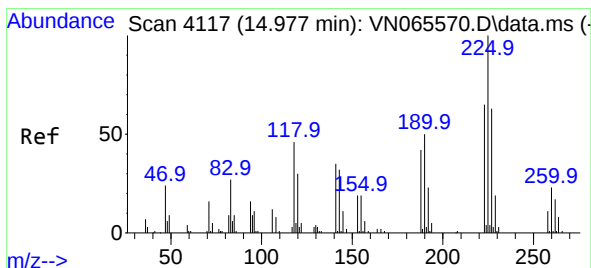
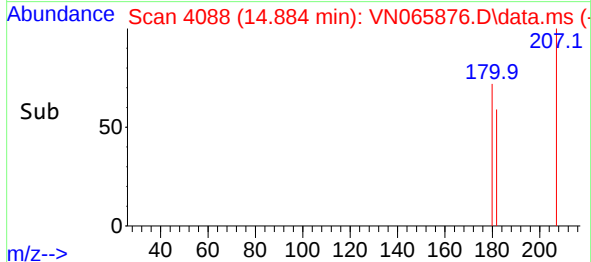
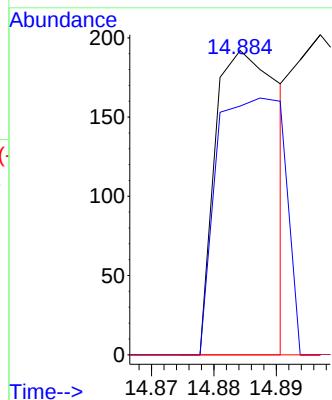


#93
1,2,4-Trichlorobenzene
Concen: 3.44 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.006 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

Instrument :
MSVOA_N
ClientSampleId :
TB-01-021221

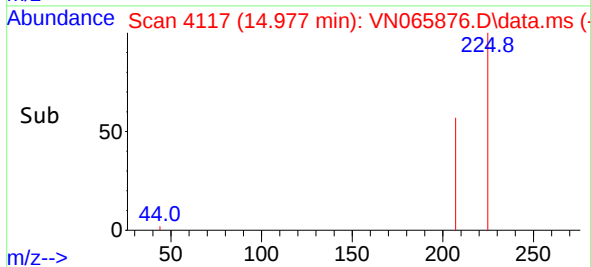
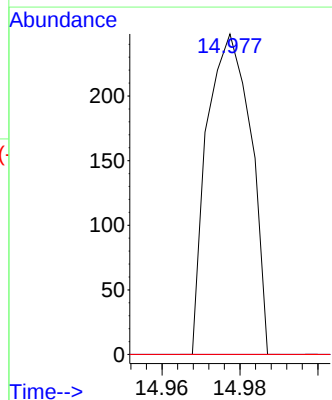
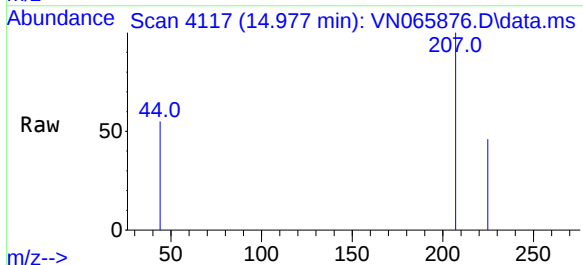


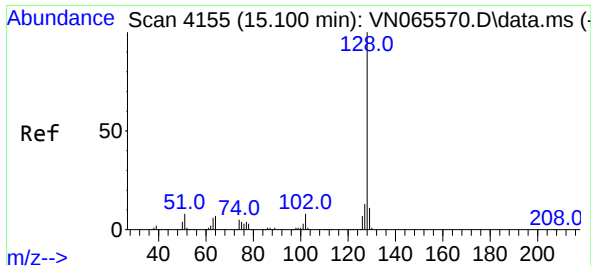
Tgt Ion:180 Resp: 138
Ion Ratio Lower Upper
180 100
182 88.4 47.3 142.0
145 0.0 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.50 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

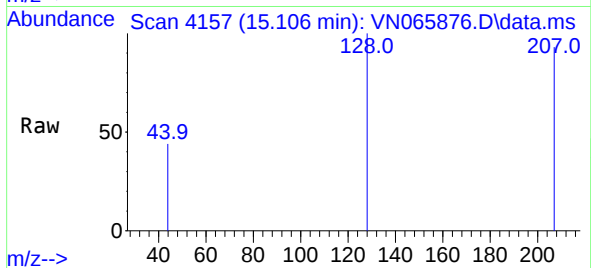
Tgt Ion:225 Resp: 193
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.9#
227 0.0 31.6 95.0#



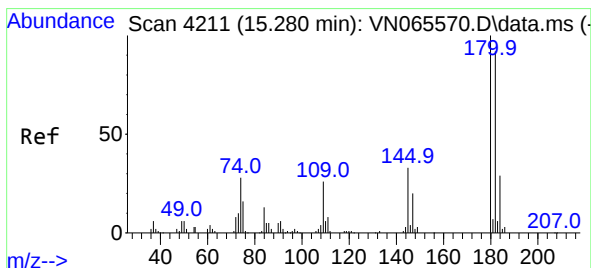
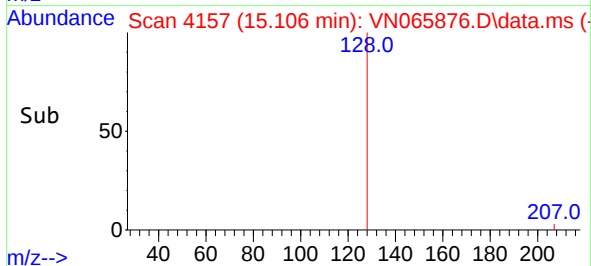
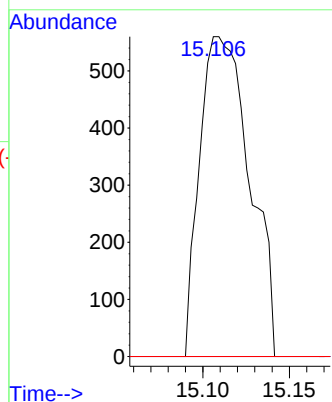


#95
Naphthalene
Concen: 3.65 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

Instrument :
MSVOA_N
ClientSampled :
TB-01-021221



Tgt Ion:128 Resp: 1127
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: 3.10 ug/l
RT: 15.289 min Scan# 4214
Delta R.T. 0.009 min
Lab File: VN065876.D
Acq: 16 Feb 2021 16:34

Tgt Ion:180 Resp: 449
Ion Ratio Lower Upper
180 100
182 71.3 47.4 142.3
145 0.0 16.5 49.5#

