

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065822.D
 Acq On : 11 Feb 2021 18:33
 Operator : JC/MD
 Sample : M1388-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-BP25

Quant Time: Feb 12 01:31:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

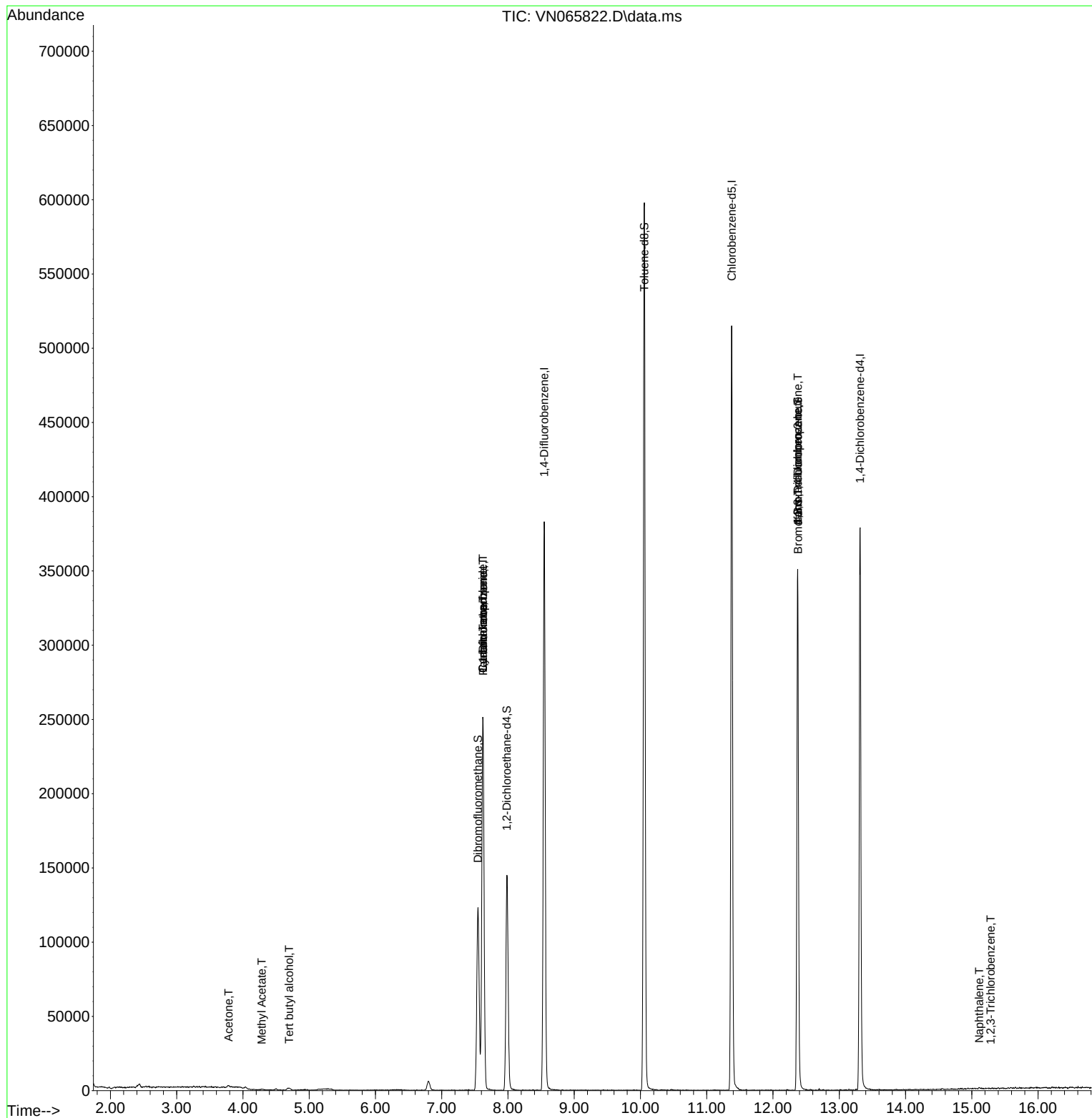
Internal Standards						
1) Pentafluorobenzene	7.624	168	215210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	362027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	316750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	113712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	121377	42.87	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.74%
35) Dibromofluoromethane	7.547	113	100353	46.78	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.56%
50) Toluene-d8	10.058	98	447639	53.08	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.16%
62) 4-Bromofluorobenzene	12.373	95	143776	47.35	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.70%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.695	59	801	1.51	ug/l #	73
16) Acetone	3.782	43	1519	1.38	ug/l	89
18) Methyl Acetate	4.283	43	835	0.27	ug/l #	51
31) Cyclohexane	7.621	56	3779	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	15844	4.35	ug/l #	45
38) Carbon Tetrachloride	7.621	117	19717	6.57	ug/l #	16
71) Bromoform	12.376	173	409	0.25	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	64789	21.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	64789	55.81	ug/l #	12
95) Naphthalene	15.112	128	542	3.52	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.286	180	59	2.87	ug/l #	12

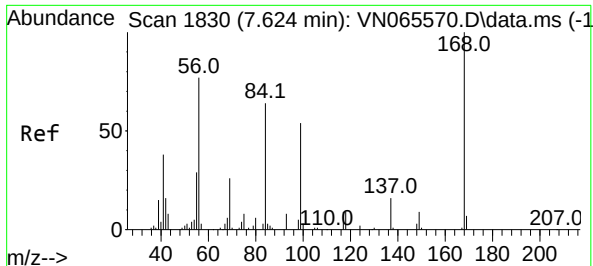
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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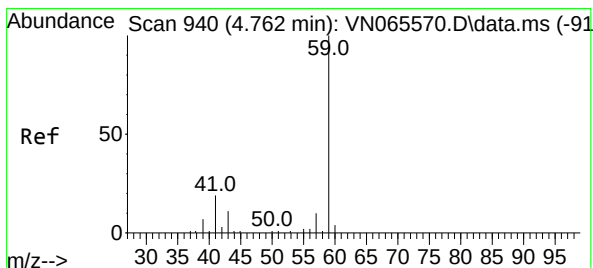
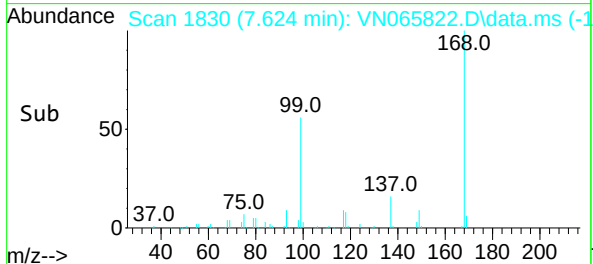
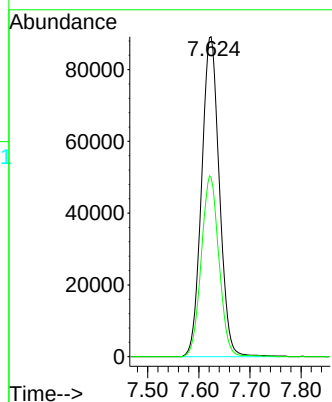
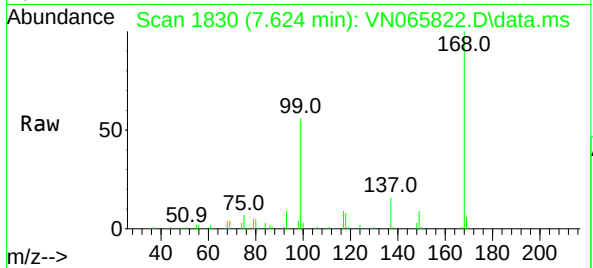




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

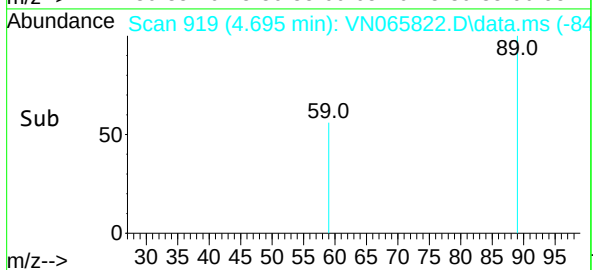
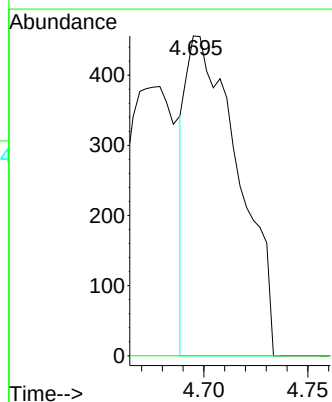
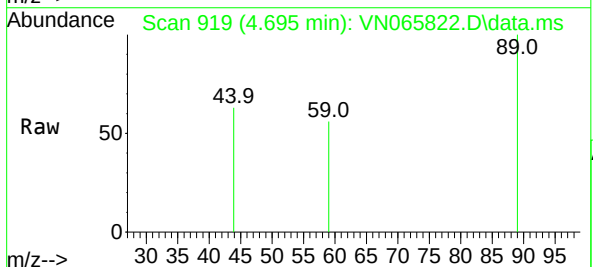
Instrument :
MSVOA_N
ClientSampled :
FB-BP25

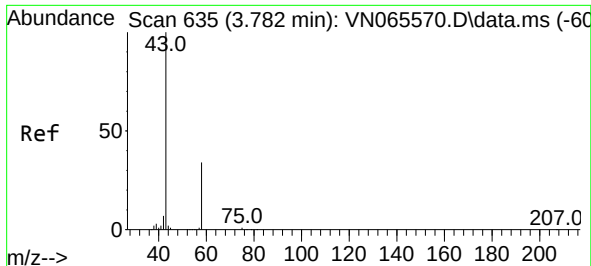
Tgt Ion:168 Resp: 215210
Ion Ratio Lower Upper
168 100
99 56.0 42.6 63.8



#11
Tert butyl alcohol
Concen: 1.51 ug/l
RT: 4.695 min Scan# 919
Delta R.T. -0.067 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Tgt Ion: 59 Resp: 801
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

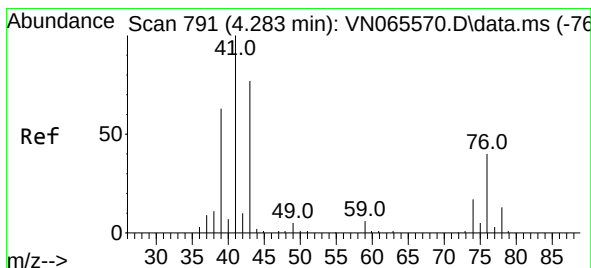
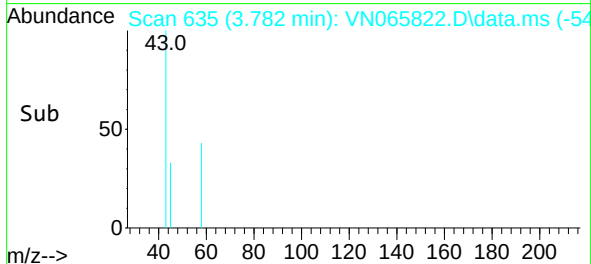
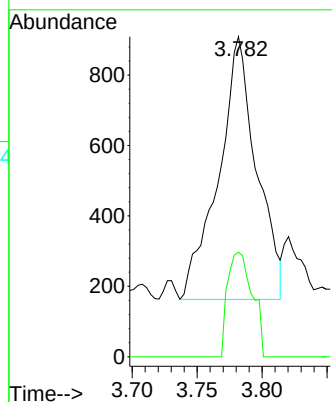
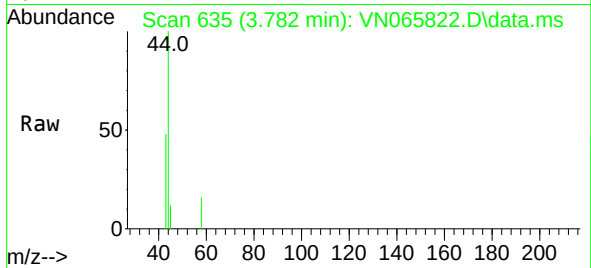




#16
Acetone
Concen: 1.38 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

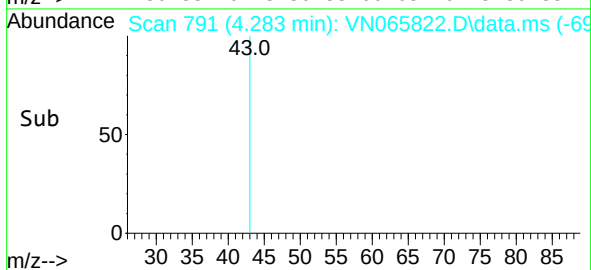
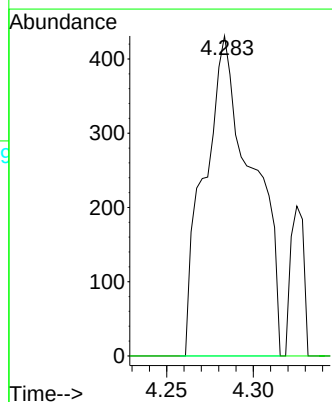
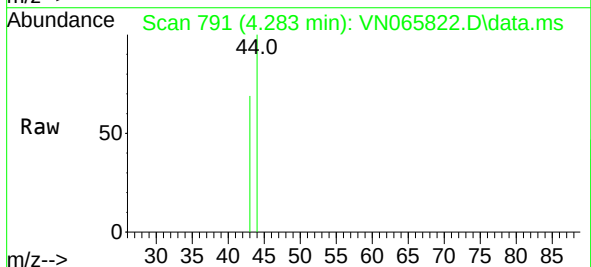
Instrument :
MSVOA_N
ClientSampleId :
FB-BP25

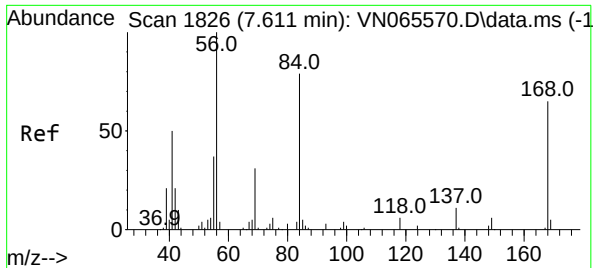
Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 39.8 27.0 40.6



#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 4.283 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

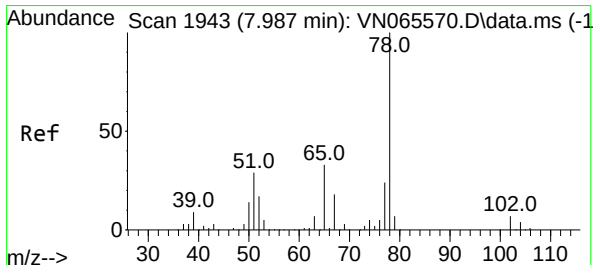
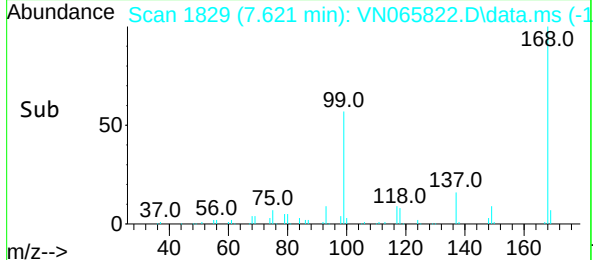
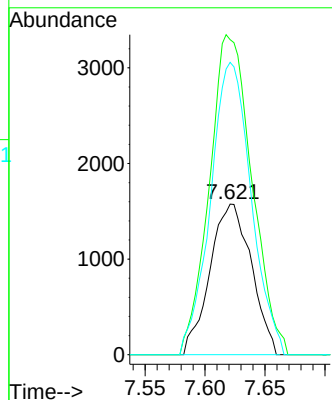
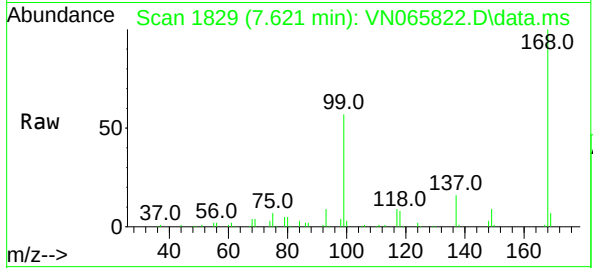




#31
Cyclohexane
Concen: 0.71 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

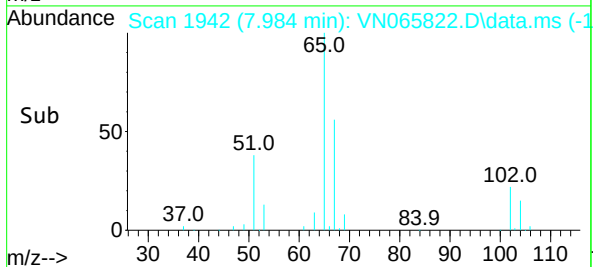
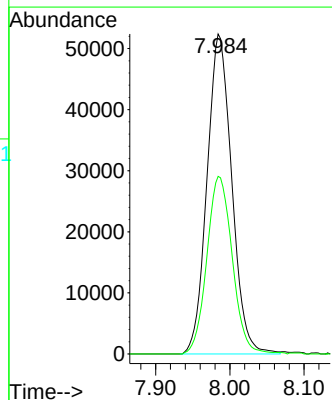
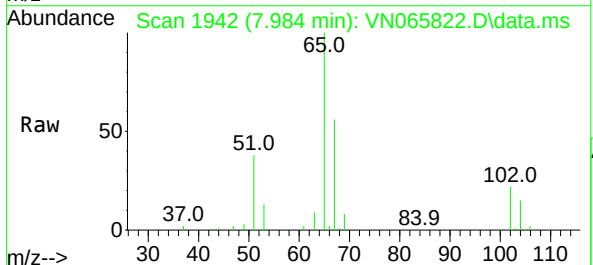
Instrument :
MSVOA_N
ClientSampled :
FB-BP25

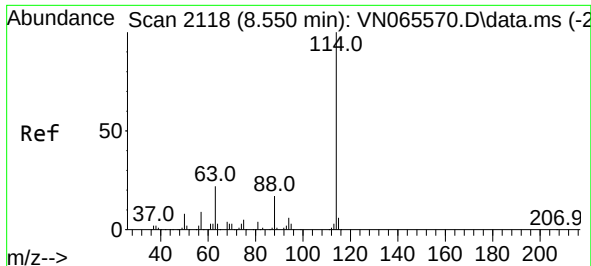
Tgt Ion: 56 Resp: 3779
Ion Ratio Lower Upper
56 100
69 209.2 26.6 39.8#
84 194.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.87 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Tgt Ion: 65 Resp: 121377
Ion Ratio Lower Upper
65 100
67 57.0 0.0 107.2



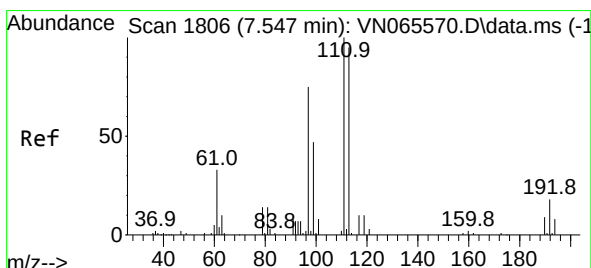
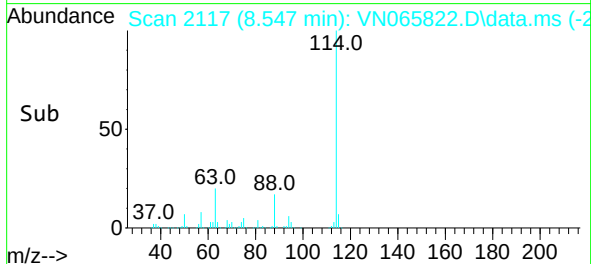
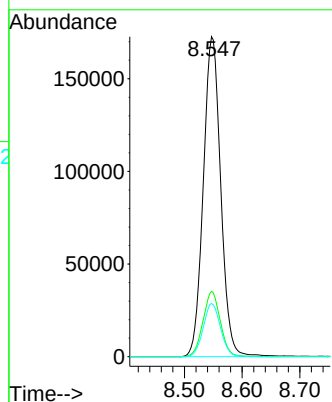
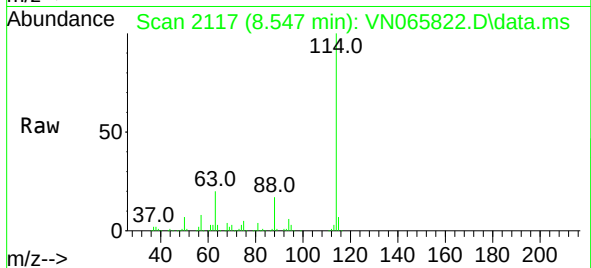


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Instrument :
MSVOA_N
ClientSampleId :
FB-BP25

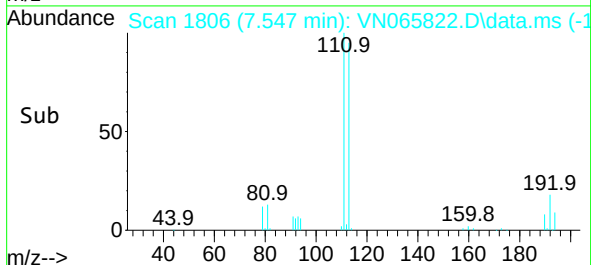
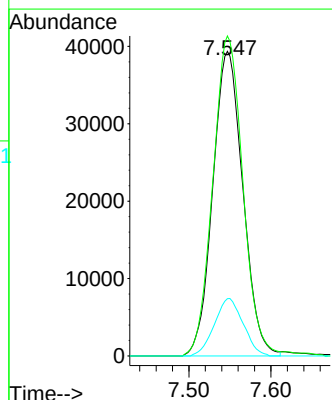
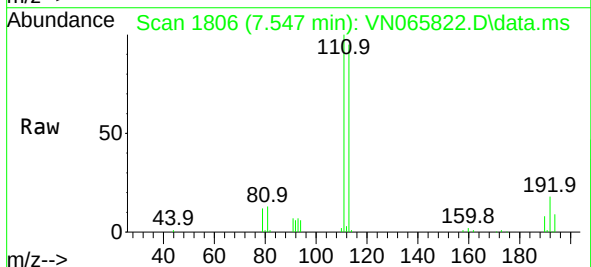
Tgt Ion:114 Resp: 362027
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 16.7 0.0 30.6

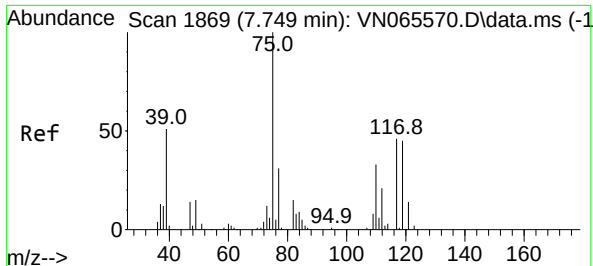


#35

Dibromofluoromethane
Concen: 46.78 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Tgt Ion:113 Resp: 100353
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.2
192 18.1 15.4 23.0

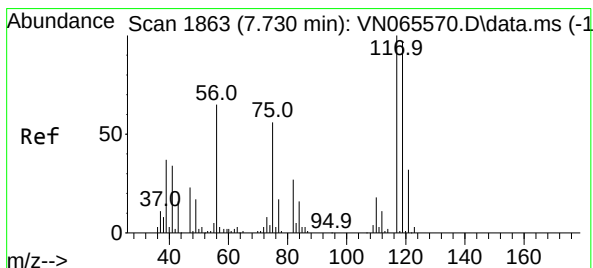
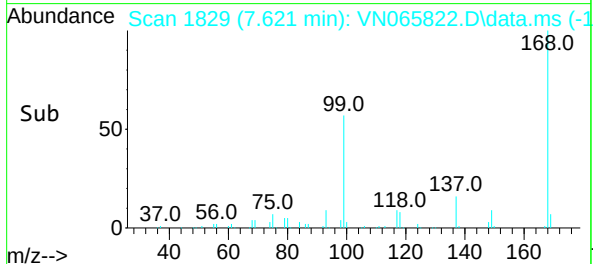
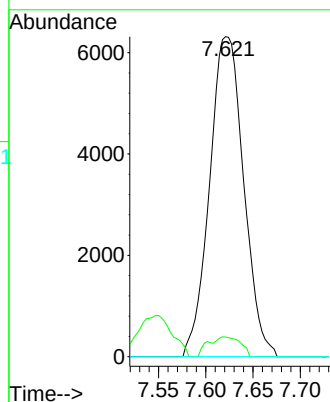
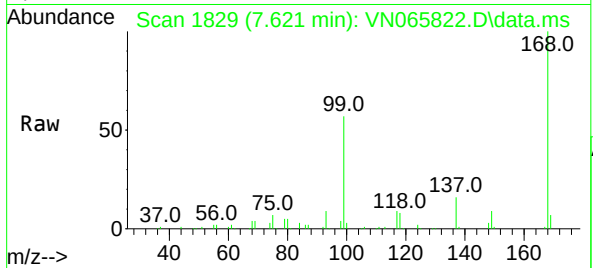




#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

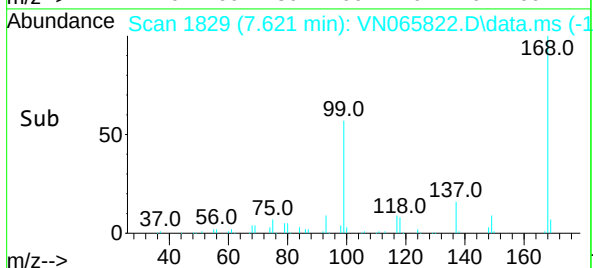
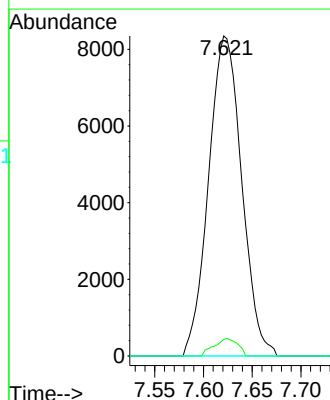
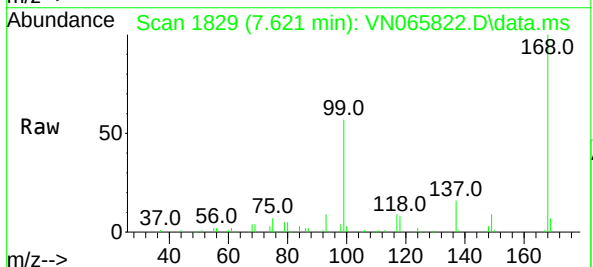
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MSVOA_N
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FB-BP25

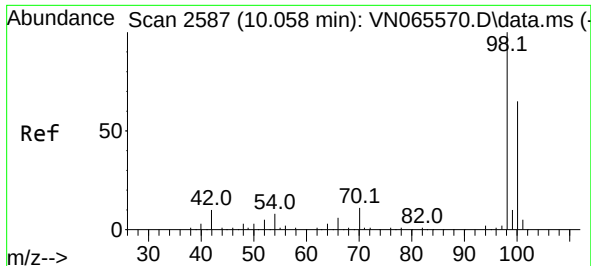
Tgt Ion: 75 Resp: 15844
Ion Ratio Lower Upper
75 100
110 4.3 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Tgt Ion: 117 Resp: 19717
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.5 36.7#

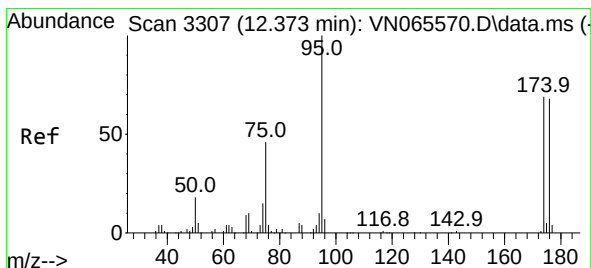
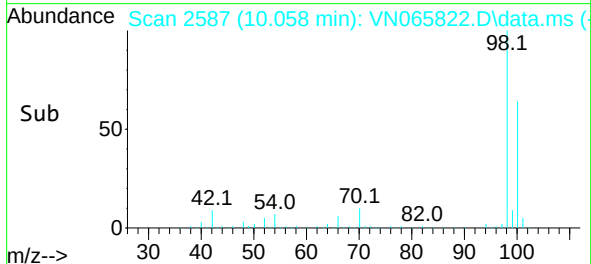
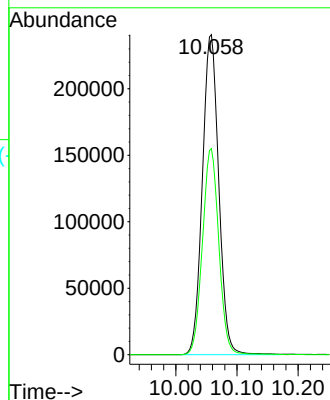
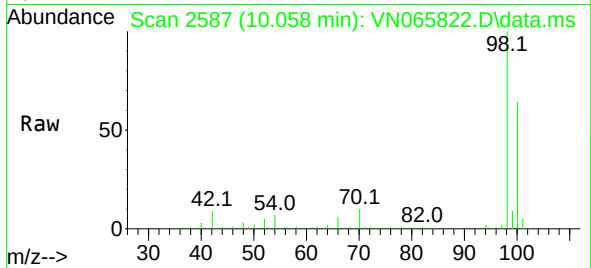




#50
Toluene-d8
Concen: 53.08 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

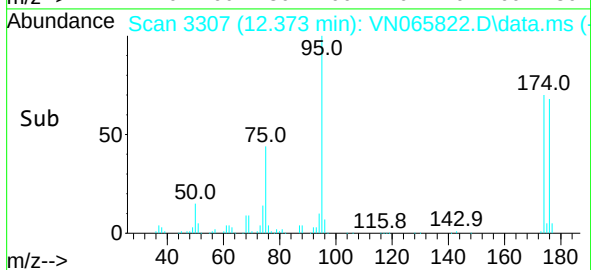
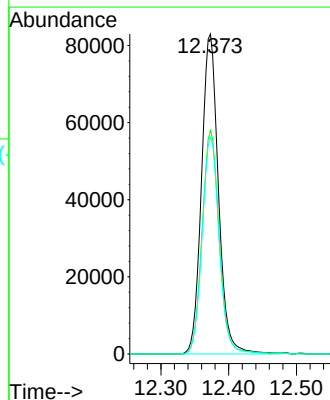
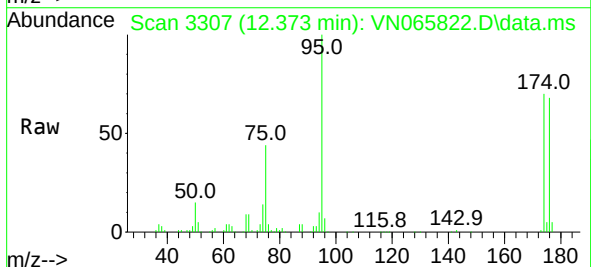
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FB-BP25

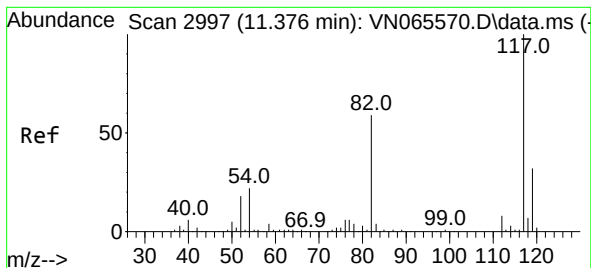
Tgt Ion: 98 Resp: 447639
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.35 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Tgt Ion: 95 Resp: 143776
Ion Ratio Lower Upper
95 100
174 70.6 0.0 169.0
176 68.4 0.0 162.4

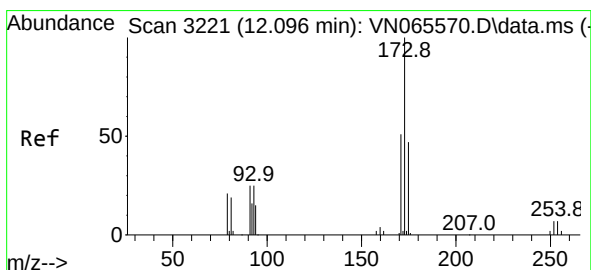
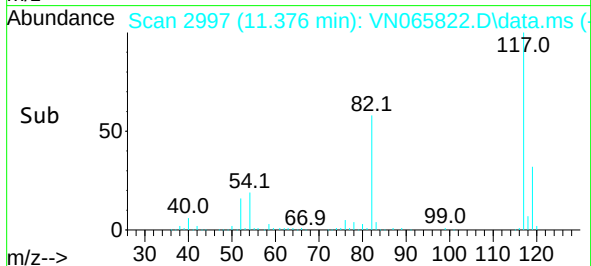
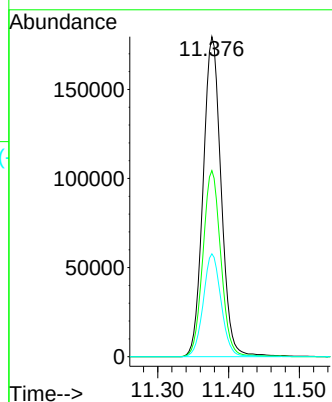
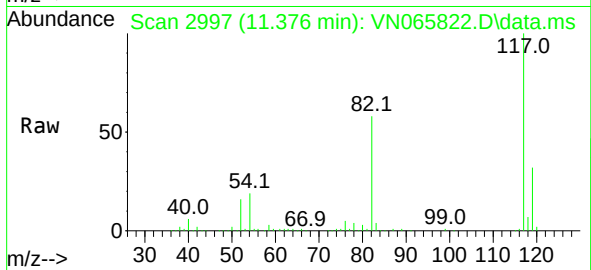




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

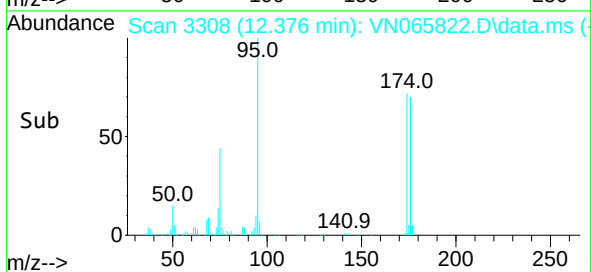
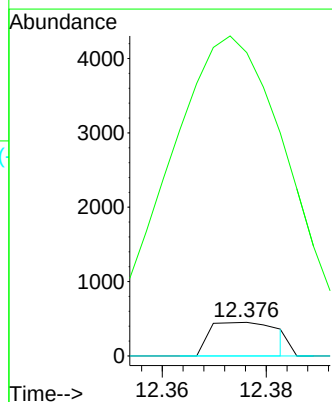
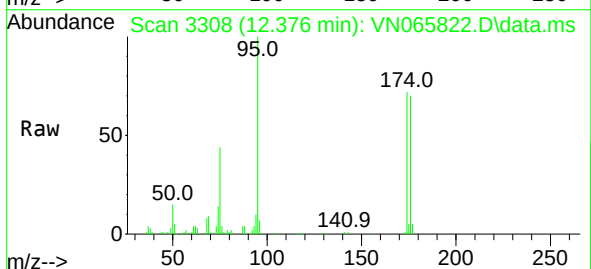
Instrument :
MSVOA_N
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FB-BP25

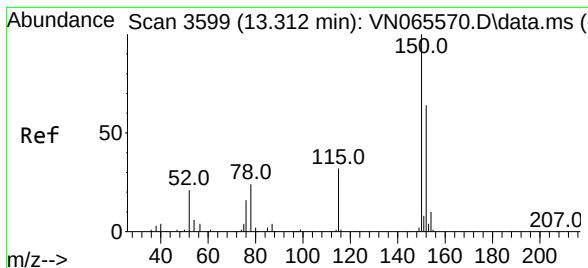
Tgt Ion:117 Resp: 316750
Ion Ratio Lower Upper
117 100
82 58.1 43.7 65.5
119 32.2 26.1 39.1



#71
Bromoform
Concen: 0.25 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.280 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Tgt Ion:173 Resp: 409
Ion Ratio Lower Upper
173 100
175 1514.7 23.8 71.2#
254 0.0 0.0 0.0

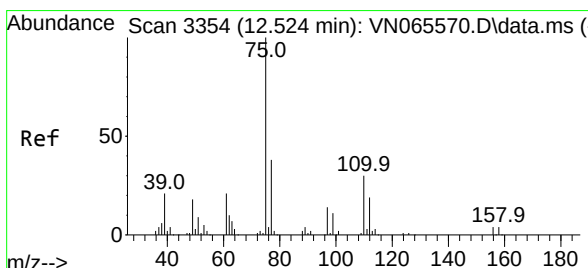
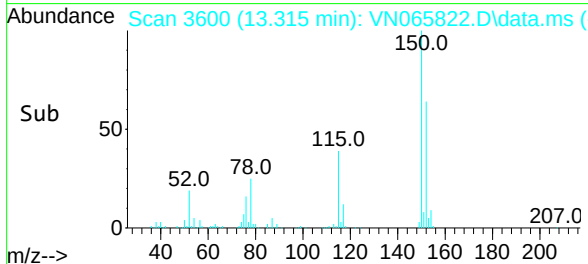
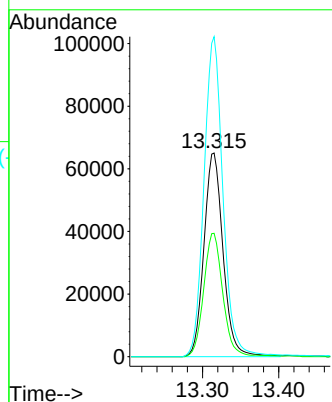
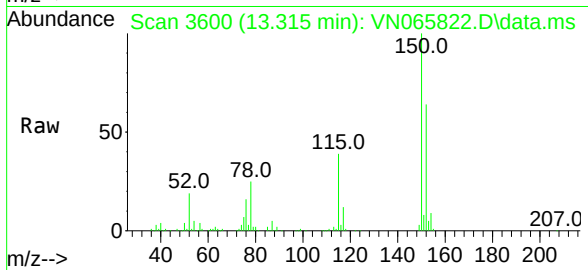




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

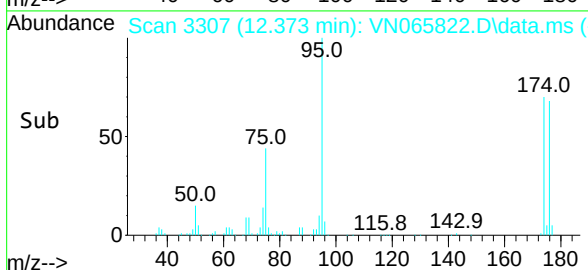
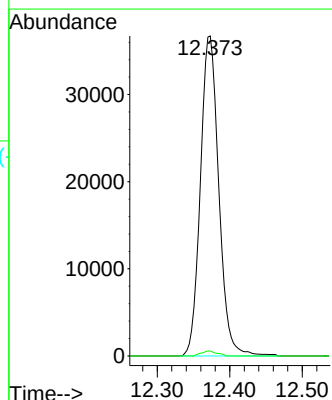
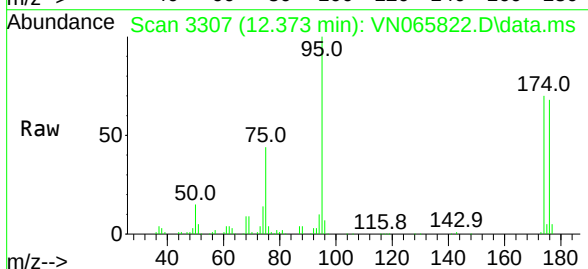
Instrument :
MSVOA_N
ClientSampled :
FB-BP25

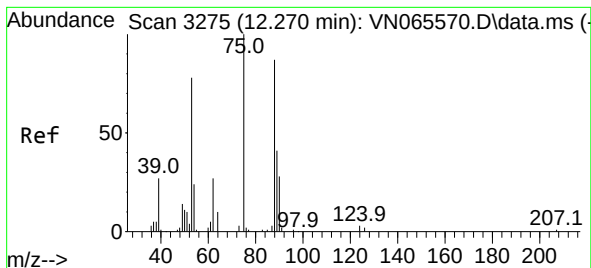
Tgt Ion:152 Resp: 113712
Ion Ratio Lower Upper
152 100
115 60.3 28.5 85.6
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.79 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

Tgt Ion: 75 Resp: 64789
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

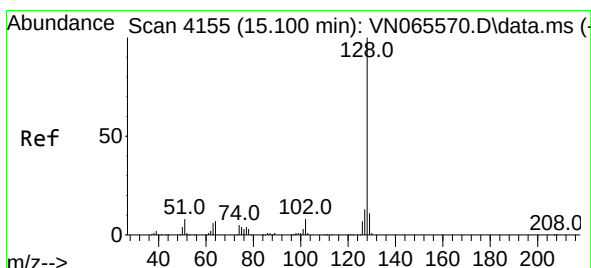
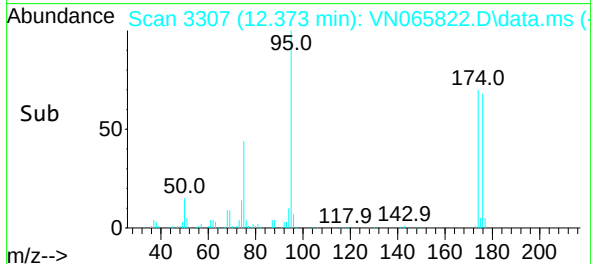
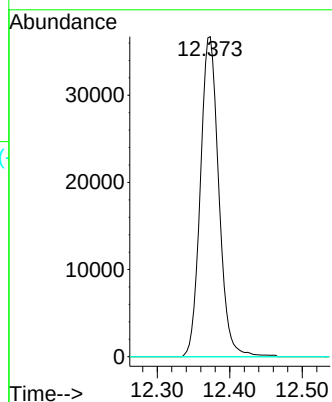
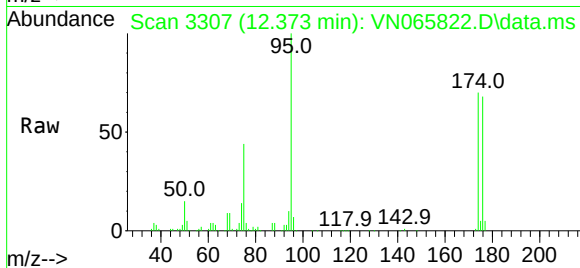




#81
trans-1,4-Dichloro-2-butene
Concen: 55.81 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

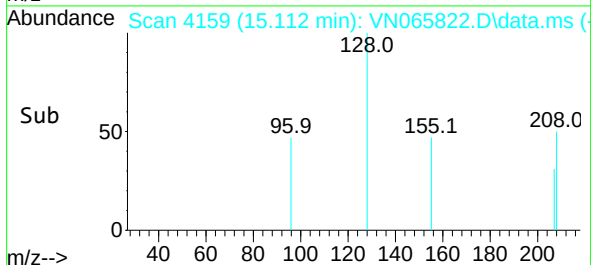
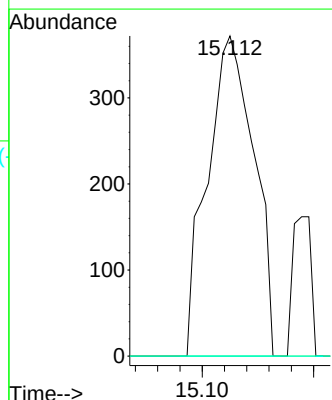
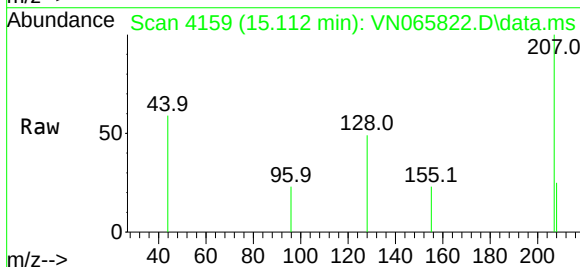
Instrument :
MSVOA_N
ClientSampleId :
FB-BP25

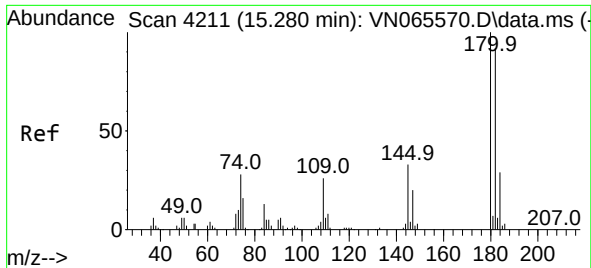
Tgt Ion: 75 Resp: 64789
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.52 ug/l
RT: 15.112 min Scan# 4159
Delta R.T. 0.012 min
Lab File: VN065822.D
Acq: 11 Feb 2021 18:33

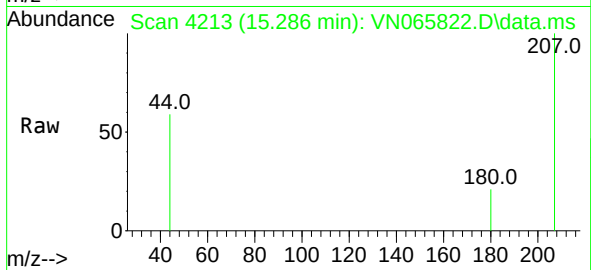
Tgt Ion:128 Resp: 542
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.87 ug/l
 RT: 15.286 min Scan# 4213
 Delta R.T. 0.006 min
 Lab File: VN065822.D
 Acq: 11 Feb 2021 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-BP25



Tgt Ion:180 Resp: 59
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.3#
 145 0.0 16.5 49.5#

