

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065240.D
 Acq On : 23 Dec 2020 17:18
 Operator : JC/MD
 Sample : L5189-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22-1-3

Quant Time: Dec 24 04:22:41 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)

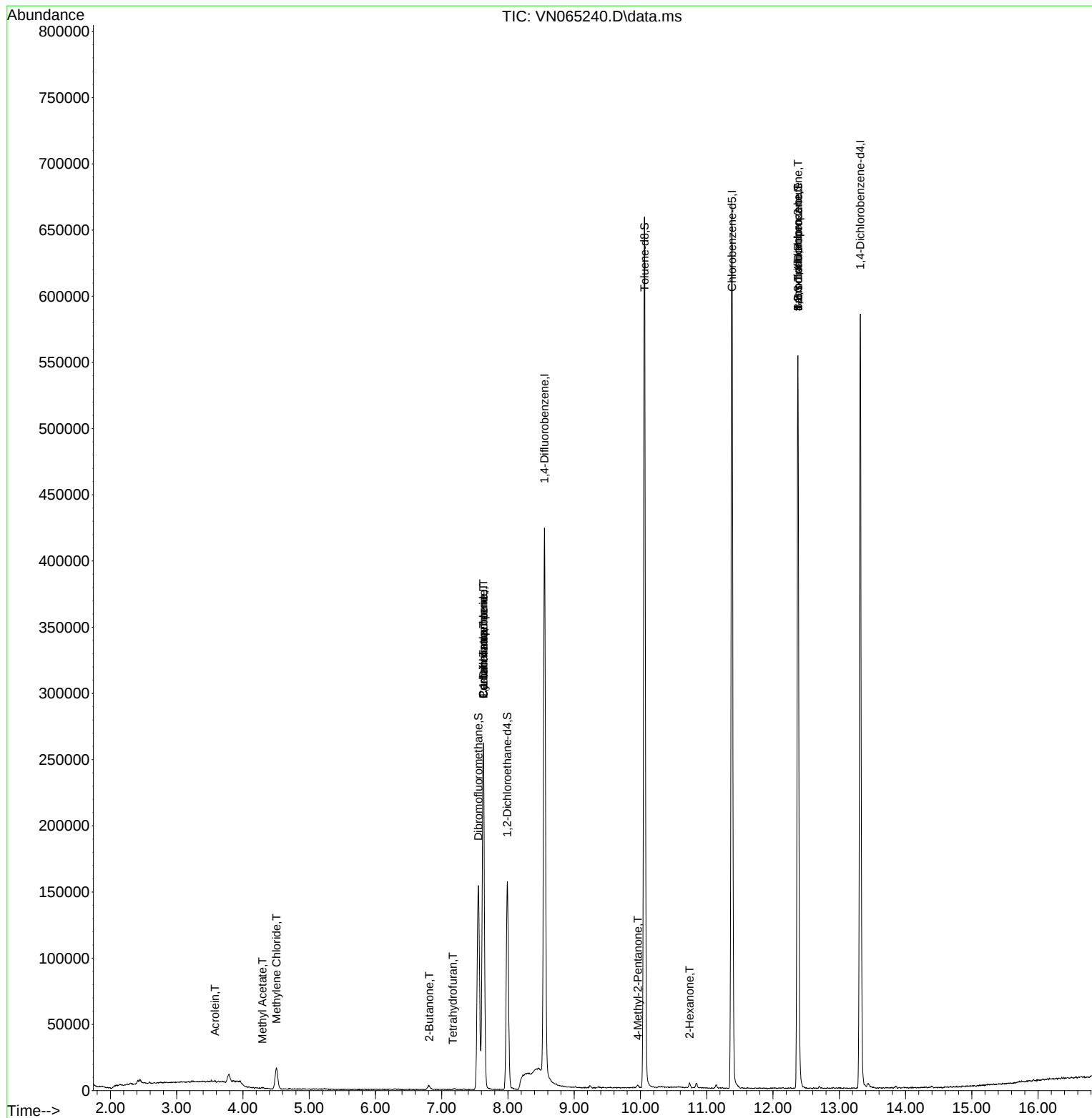
Internal Standards						
1) Pentafluorobenzene	7.627	168	233168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	383549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	403427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	172039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	137762	52.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.68%			
35) Dibromofluoromethane	7.553	113	119156	51.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.98%			
50) Toluene-d8	10.061	98	476597	54.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.90%			
62) 4-Bromofluorobenzene	12.376	95	191798	55.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.62%			
Target Compounds					Qvalue	
13) Acrolein	3.576	56	235	3.21	ug/l #	49
16) Acetone	3.788	43	9268	Below Cal		99
18) Methyl Acetate	4.293	43	996	0.42	ug/l #	50
20) Methylene Chloride	4.505	84	11945	4.65	ug/l	99
25) 2-Butanone	6.811	43	2148	1.45	ug/l	96
29) Tetrahydrofuran	7.171	42	248	0.26	ug/l #	32
31) Cyclohexane	7.627	56	4183	1.08	ug/l #	4
36) 1,1-Dichloropropene	7.627	75	15639	4.48	ug/l #	49
38) Carbon Tetrachloride	7.627	117	19921	5.44	ug/l #	16
51) 4-Methyl-2-Pentanone	9.958	43	1645	0.49	ug/l #	83
59) 2-Hexanone	10.743	43	815	0.33	ug/l #	23
71) Bromoform	12.376	173	1082	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	97361	27.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	97361	69.95	ug/l #	15

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

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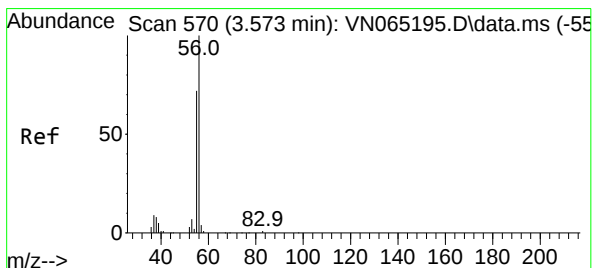
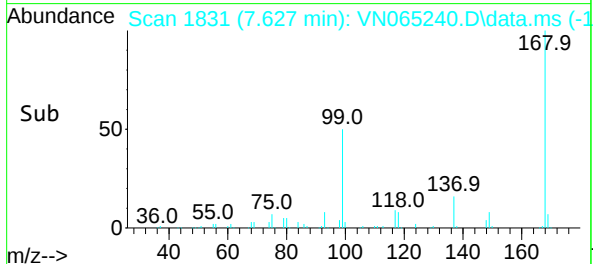
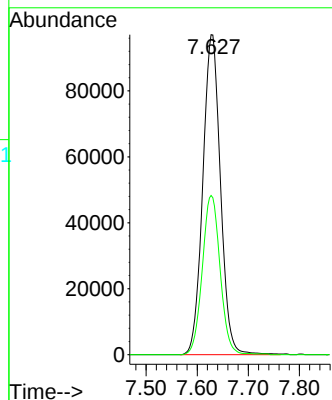
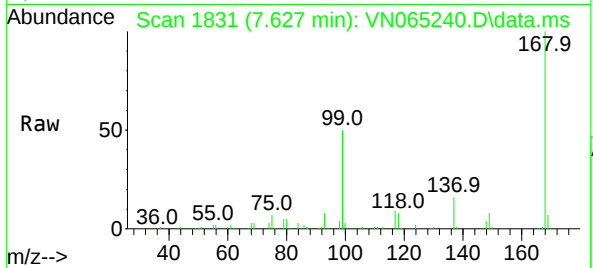




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

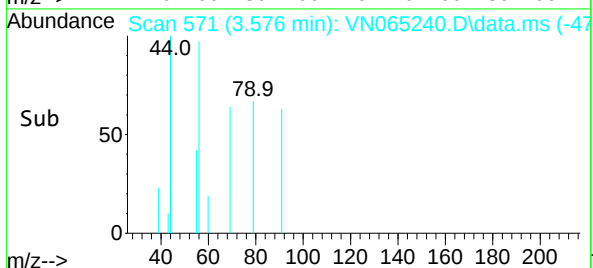
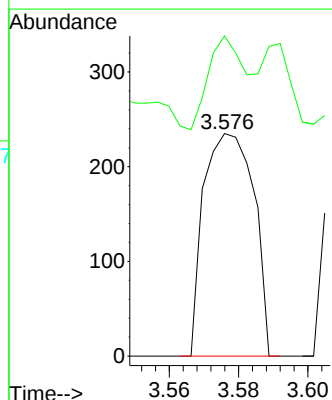
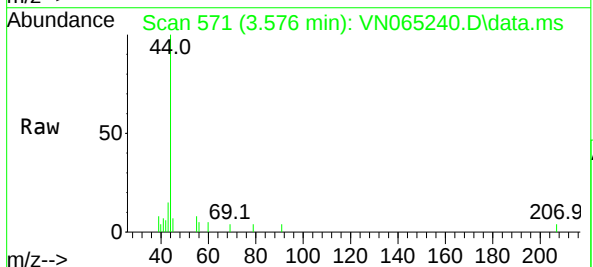
Instrument :
MSVOA_N
ClientSampled :
22-1-3

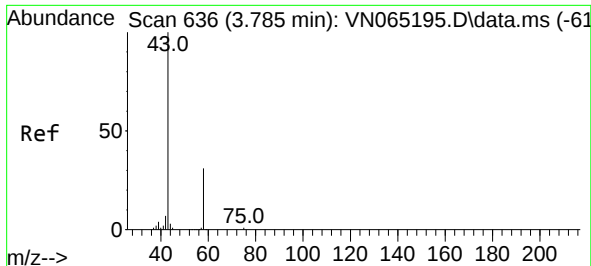
Tgt Ion:168 Resp: 233168
Ion Ratio Lower Upper
168 100
99 49.8 43.0 64.4



#13
Acrolein
Concen: 3.21 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.003 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Tgt Ion: 56 Resp: 235
Ion Ratio Lower Upper
56 100
55 28.9 56.5 84.7#

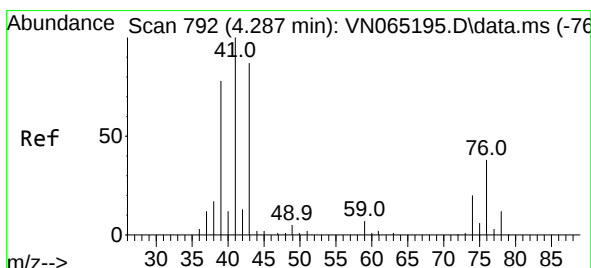
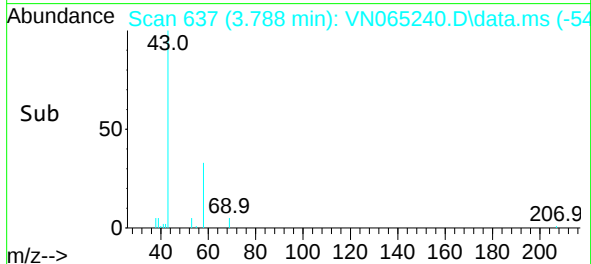
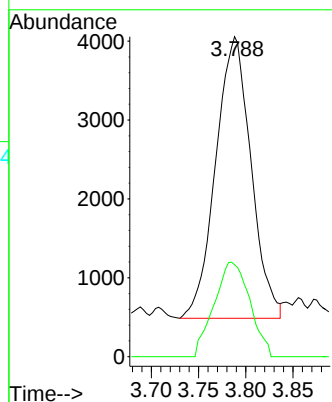
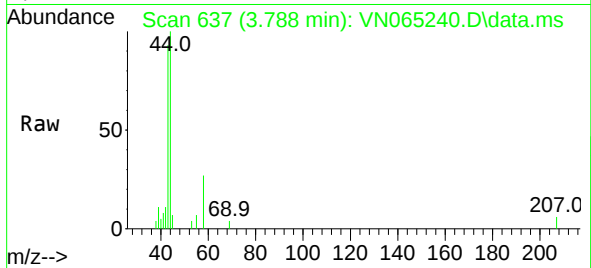




#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

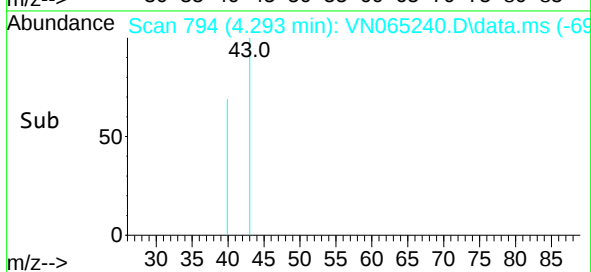
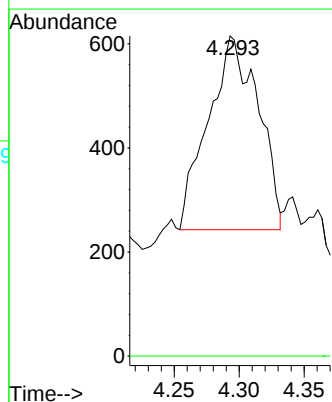
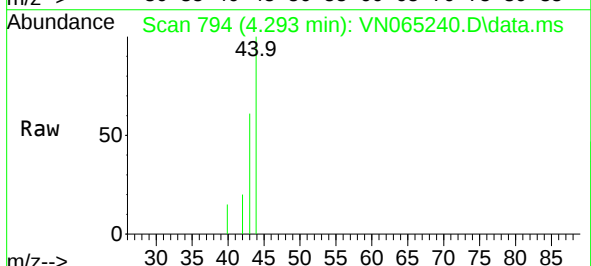
Instrument :
MSVOA_N
ClientSampled :
22-1-3

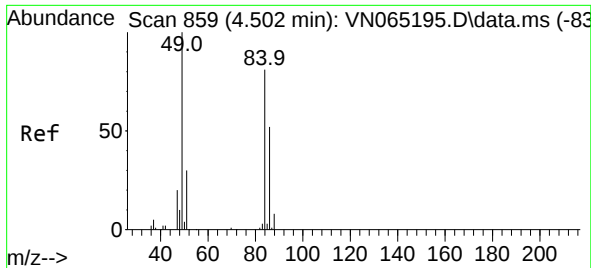
Tgt Ion: 43 Resp: 9268
Ion Ratio Lower Upper
43 100
58 32.6 25.7 38.5



#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

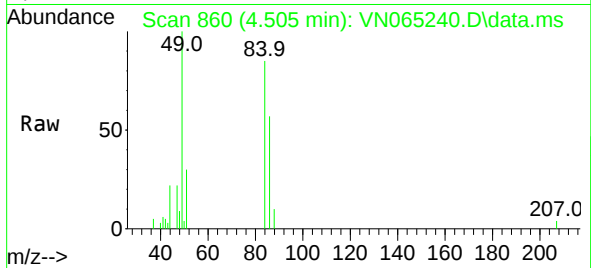
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



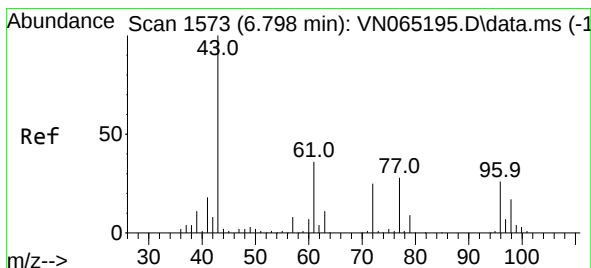
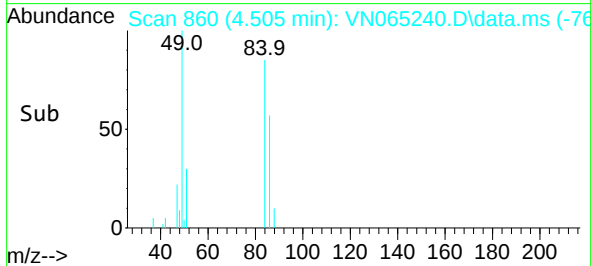
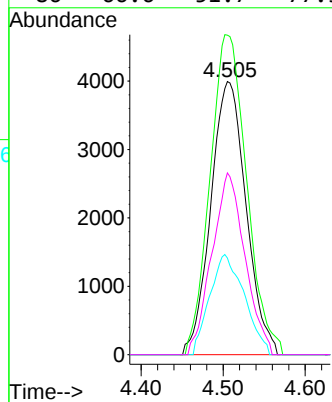


#20
Methylene Chloride
Concen: 4.65 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Instrument :
MSVOA_N
ClientSampled :
22-1-3

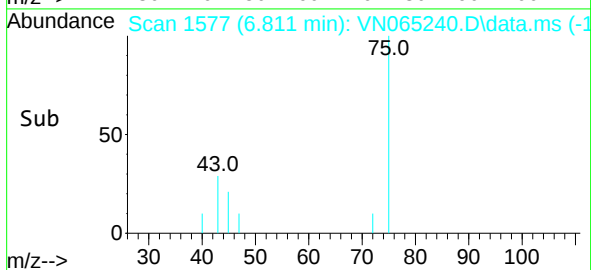
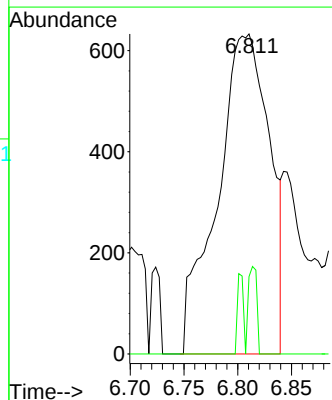
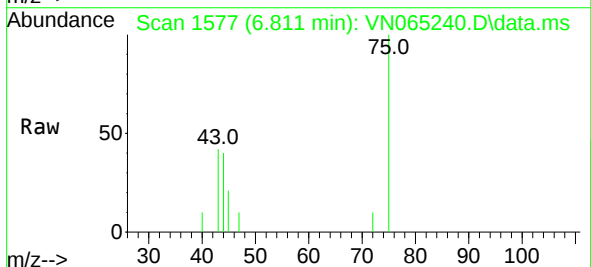


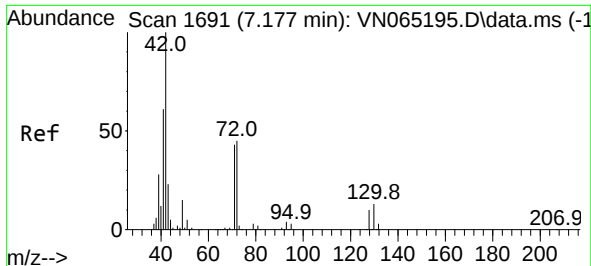
Tgt Ion:	84	Resp:	11945
Ion	Ratio	Lower	Upper
84	100		
49	117.0	93.4	140.0
51	35.4	28.2	42.4
86	66.6	51.7	77.5



#25
2-Butanone
Concen: 1.45 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Tgt Ion:	43	Resp:	2148
Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 7.171 min Scan# 1689

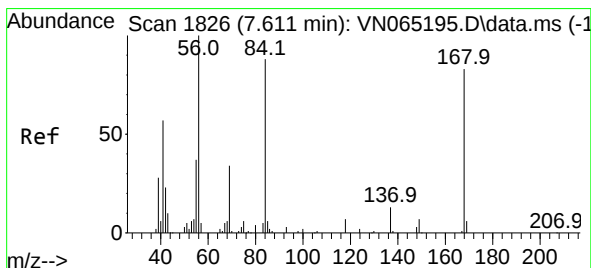
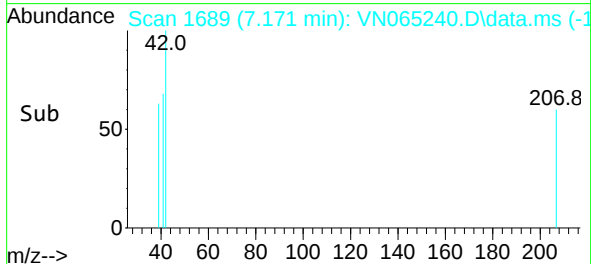
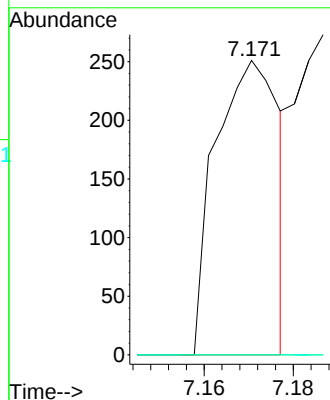
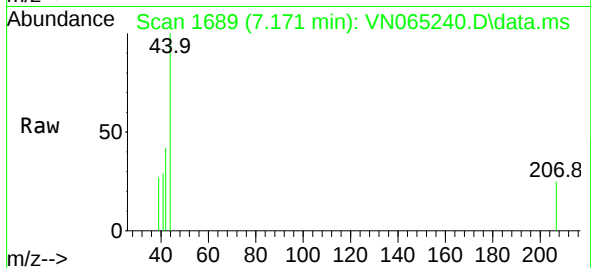
Delta R.T. -0.006 min

Lab File: VN065240.D

Acq: 23 Dec 2020 17:18

Instrument :
MSVOA_N
ClientSampleId :
22-1-3

Tgt Ion:	42	Resp:	248
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.08 ug/l

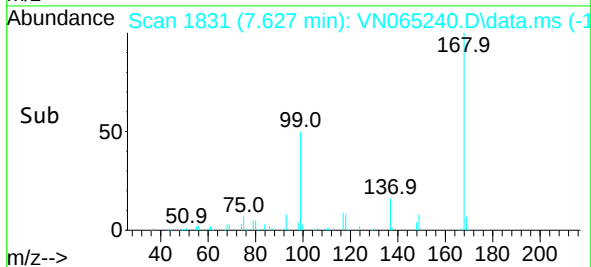
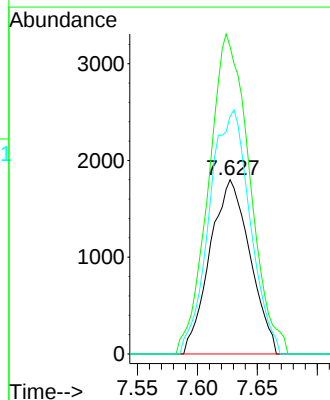
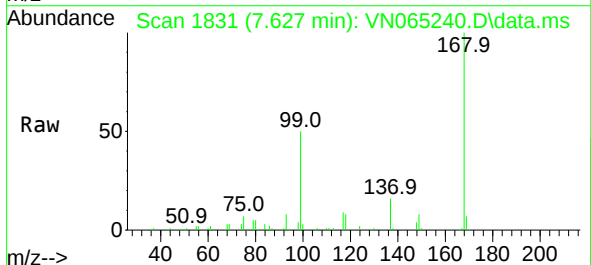
RT: 7.627 min Scan# 1831

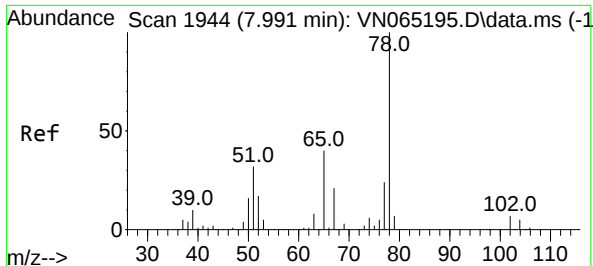
Delta R.T. 0.016 min

Lab File: VN065240.D

Acq: 23 Dec 2020 17:18

Tgt Ion:	56	Resp:	4183
Ion	Ratio	Lower	Upper
56	100		
69	167.9	27.5	41.3#
84	136.4	73.9	110.9#

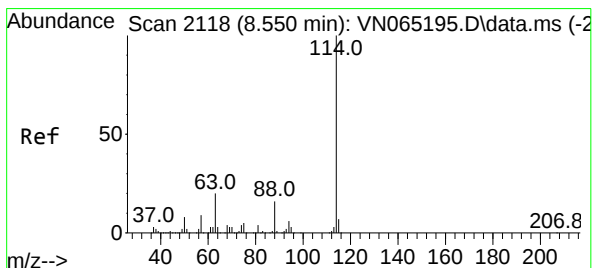
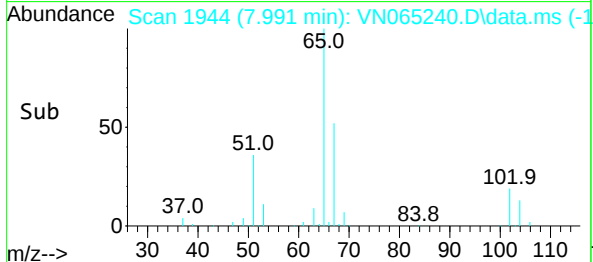
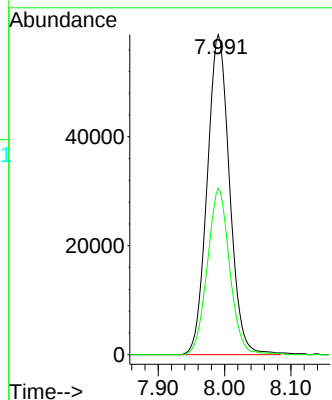
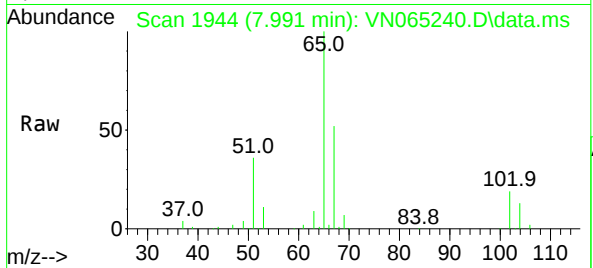




#33
1,2-Dichloroethane-d4
Concen: 52.34 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

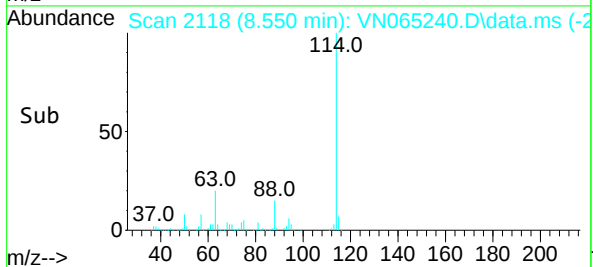
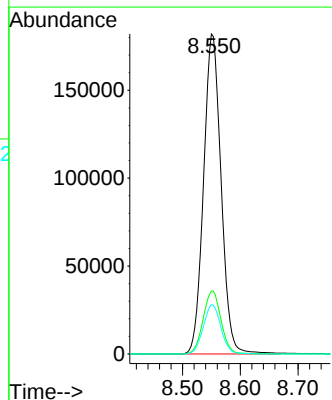
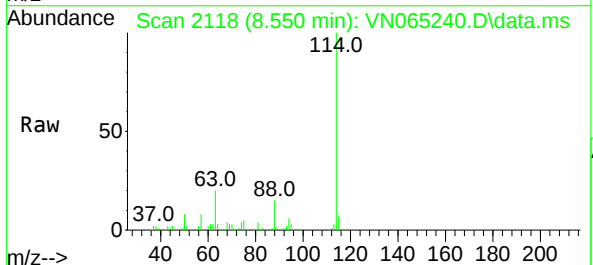
Instrument :
MSVOA_N
ClientSampled :
22-1-3

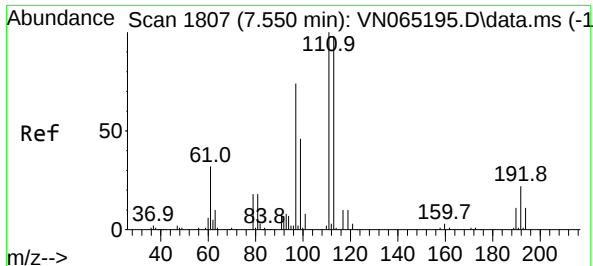
Tgt Ion: 65 Resp: 137762
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

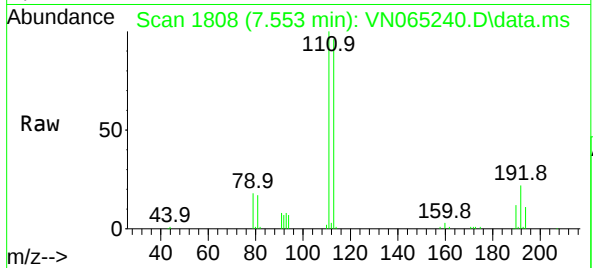
Tgt Ion: 114 Resp: 383549
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 15.4 0.0 32.6



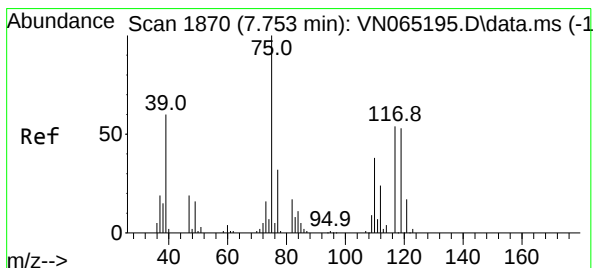
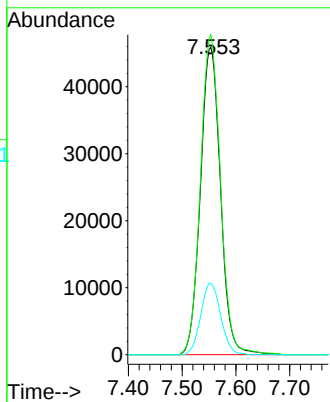
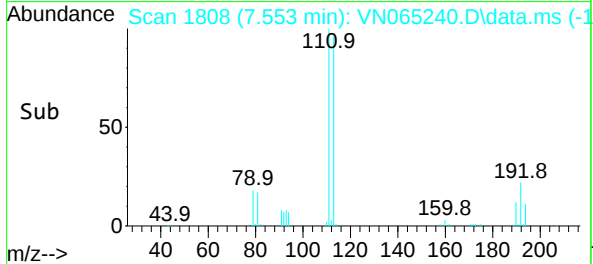


#35
Dibromofluoromethane
Concen: 51.49 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

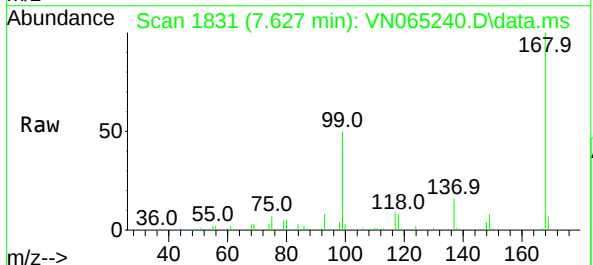
Instrument :
MSVOA_N
ClientSampleId :
22-1-3



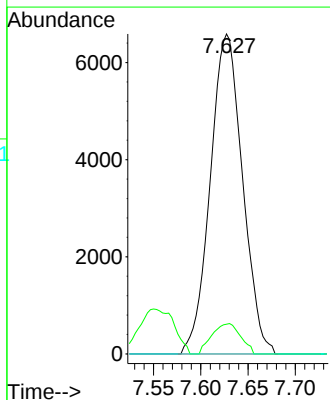
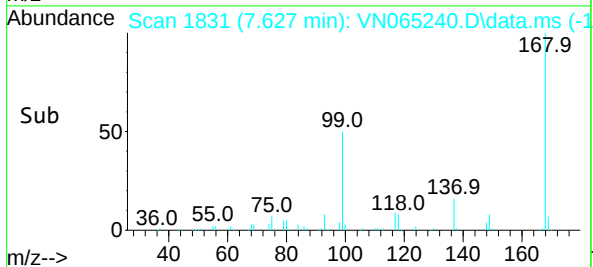
Tgt Ion:113 Resp: 119156
Ion Ratio Lower Upper
113 100
111 103.8 81.6 122.4
192 23.0 16.2 24.2

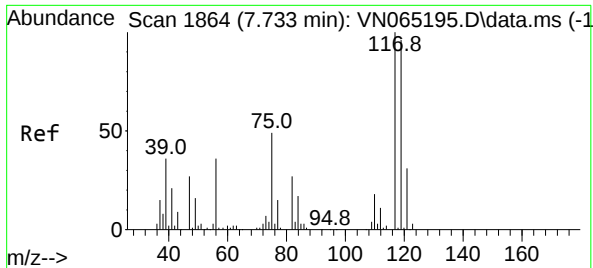


#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18



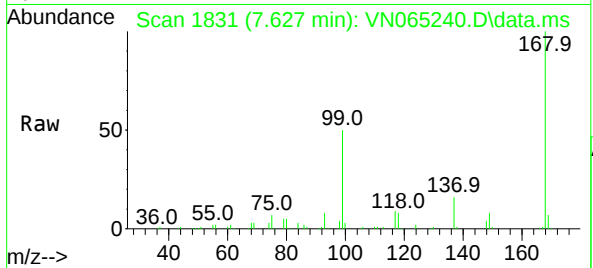
Tgt Ion: 75 Resp: 15639
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



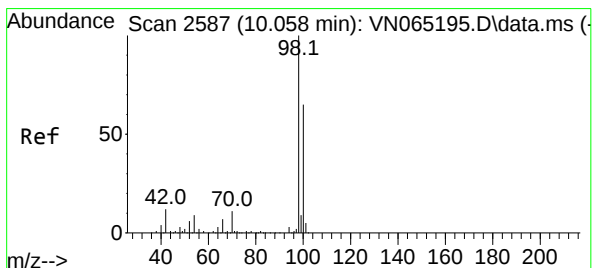
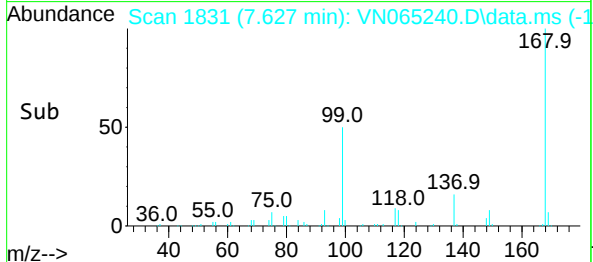
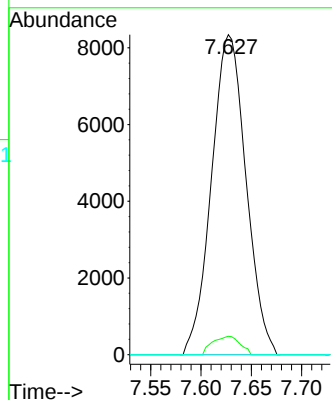


#38
Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Instrument :
MSVOA_N
ClientSampled :
22-1-3

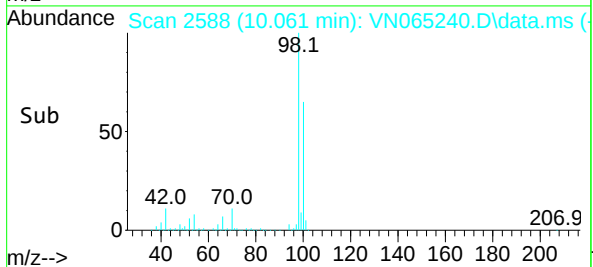
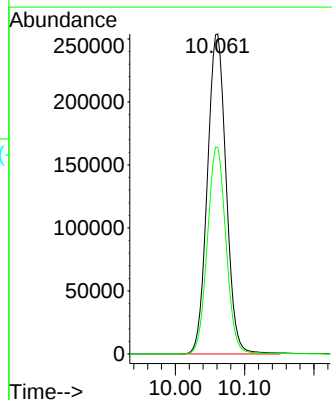
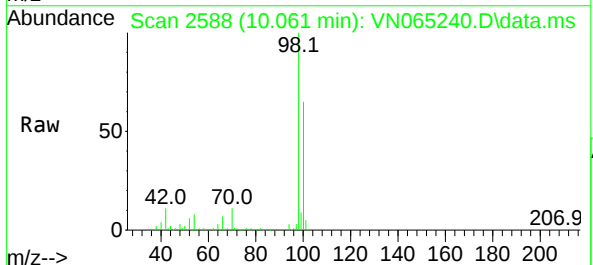


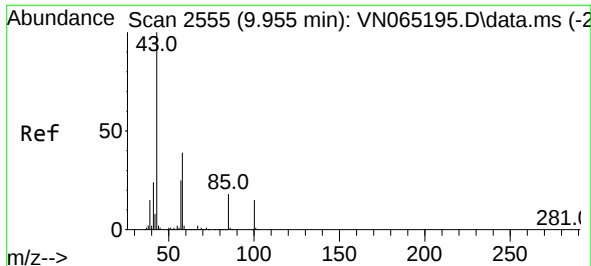
Tgt Ion:117 Resp: 19921
Ion Ratio Lower Upper
117 100
119 5.8 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 54.95 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Tgt Ion: 98 Resp: 476597
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

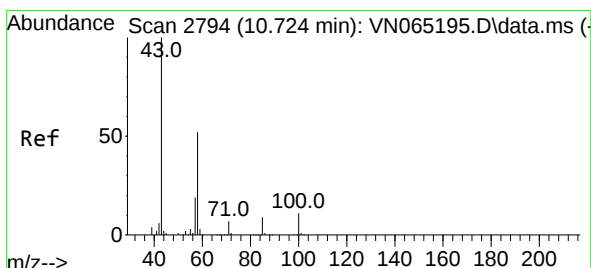
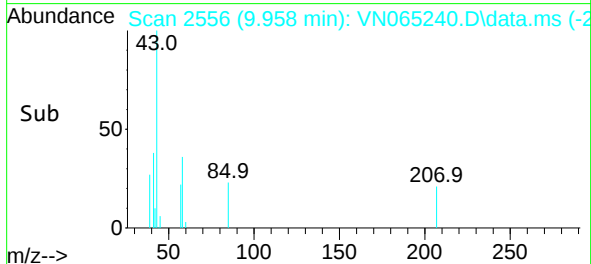
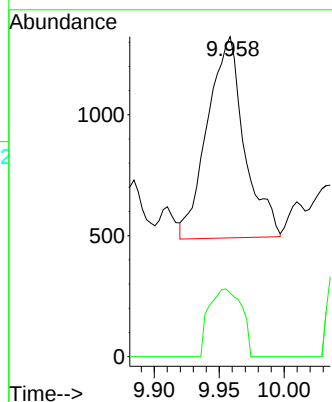
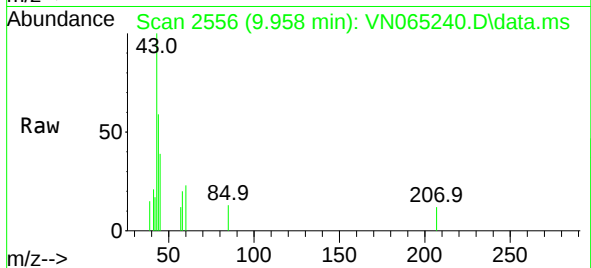




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

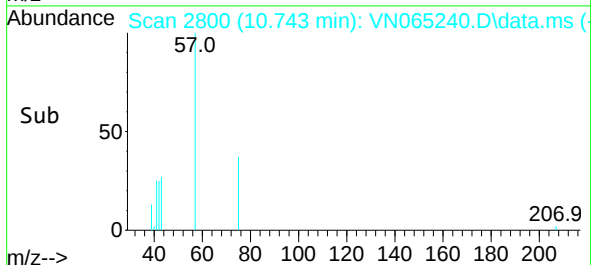
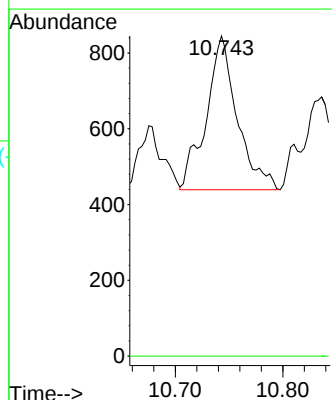
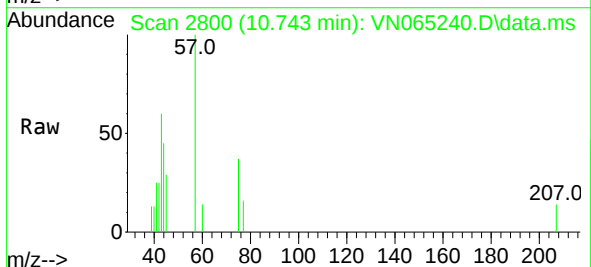
Instrument :
MSVOA_N
ClientSampled :
22-1-3

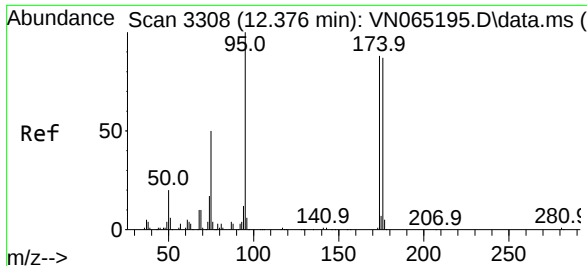
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 29.7 32.4 48.6#



#59
2-Hexanone
Concen: 0.33 ug/l
RT: 10.743 min Scan# 2800
Delta R.T. 0.019 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

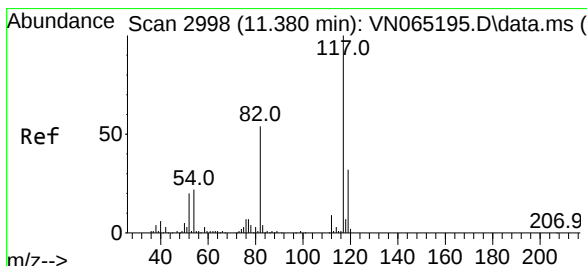
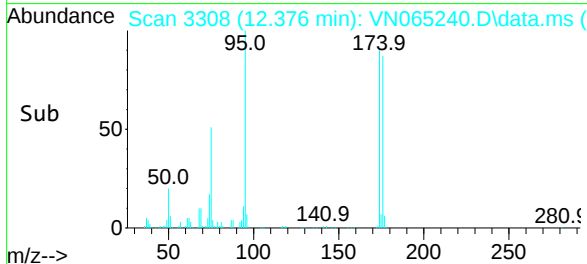
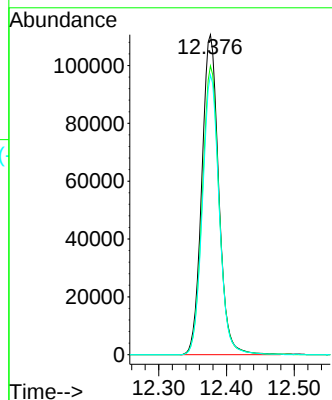
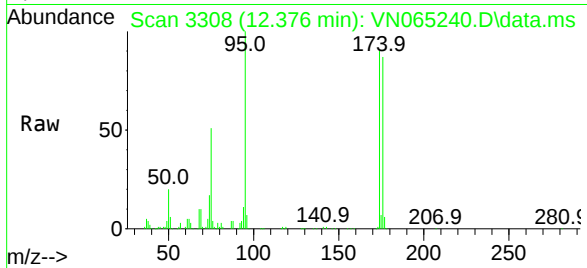




#62
4-Bromofluorobenzene
Concen: 55.31 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

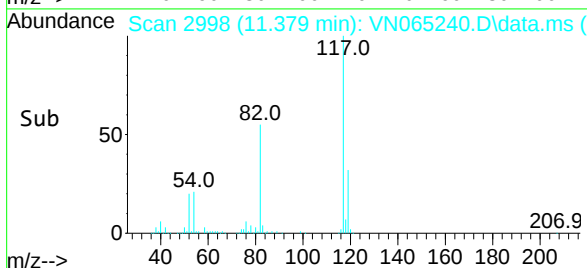
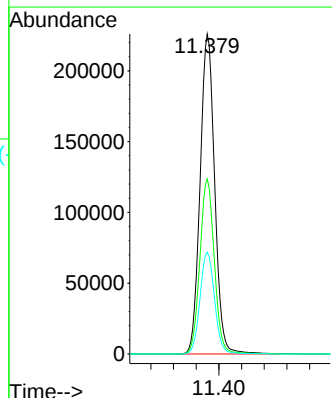
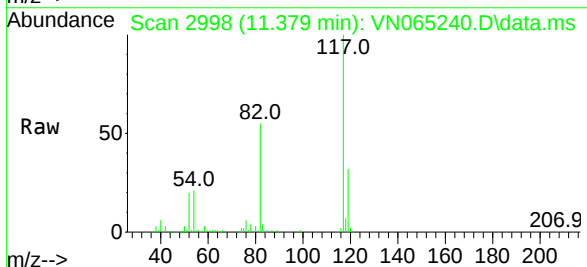
Instrument :
MSVOA_N
ClientSampleId :
22-1-3

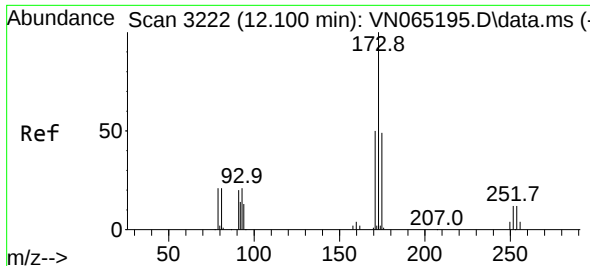
Tgt Ion: 95 Resp: 191798
Ion Ratio Lower Upper
95 100
174 89.8 0.0 160.4
176 86.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Tgt Ion: 117 Resp: 403427
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.8 25.8 38.6

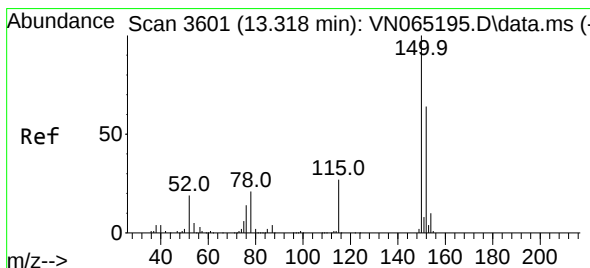
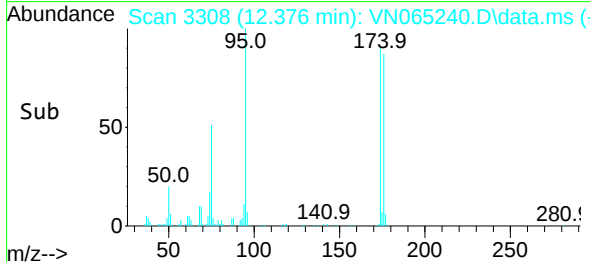
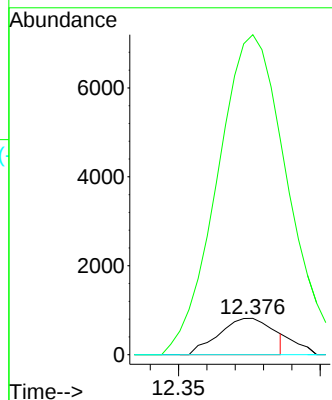
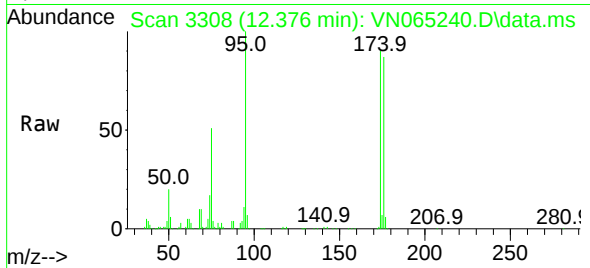




#71
Bromoform
Concen: 0.39 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

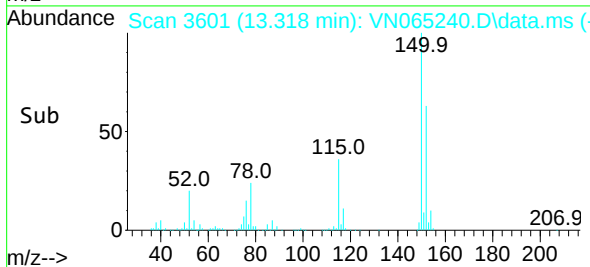
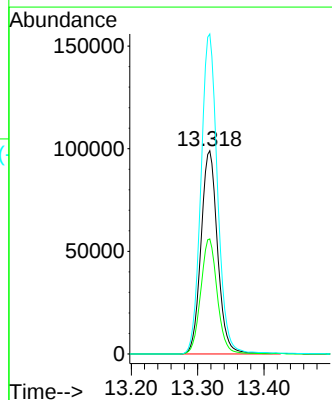
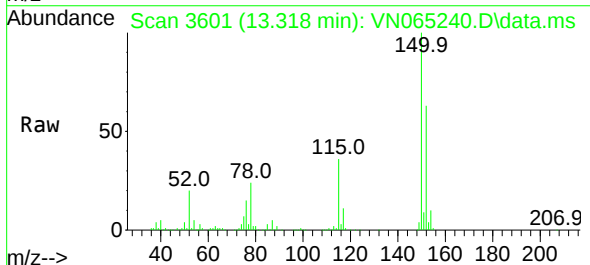
Instrument :
MSVOA_N
ClientSampled :
22-1-3

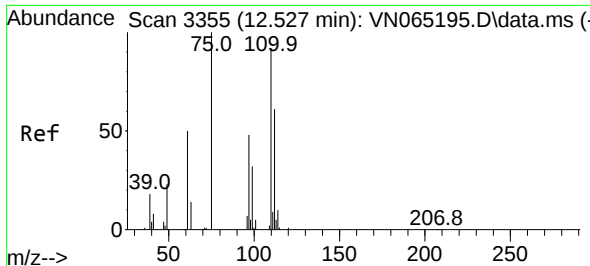
Tgt Ion:173 Resp: 1082
Ion Ratio Lower Upper
173 100
175 951.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Tgt Ion:152 Resp: 172039
Ion Ratio Lower Upper
152 100
115 56.4 29.7 89.1
150 158.1 0.0 350.6

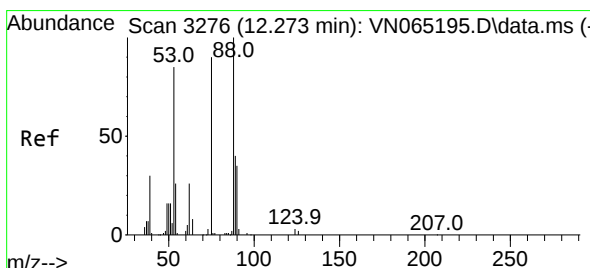
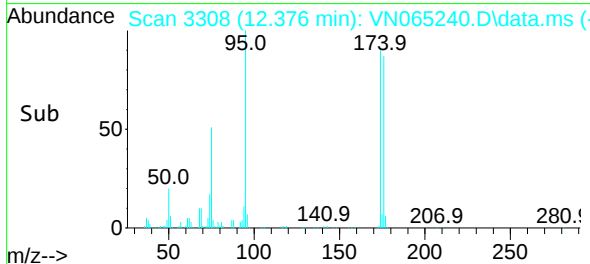
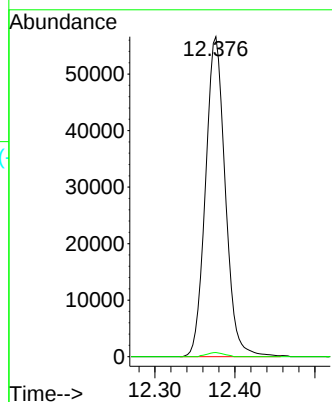
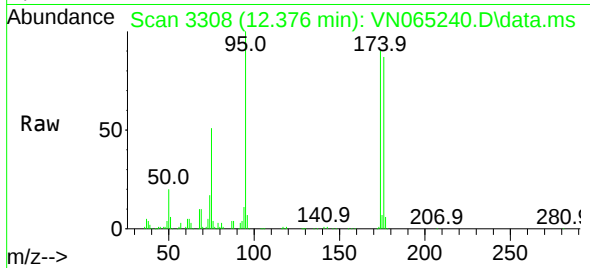




#76
1,2,3-Trichloropropane
Concen: 27.74 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Instrument :
MSVOA_N
ClientSampleId :
22-1-3

Tgt Ion: 75 Resp: 97361
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.95 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065240.D
Acq: 23 Dec 2020 17:18

Tgt Ion: 75 Resp: 97361
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

