

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066028.D
 Acq On : 25 Feb 2021 15:20
 Operator : JC/MD
 Sample : M1484-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:20:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

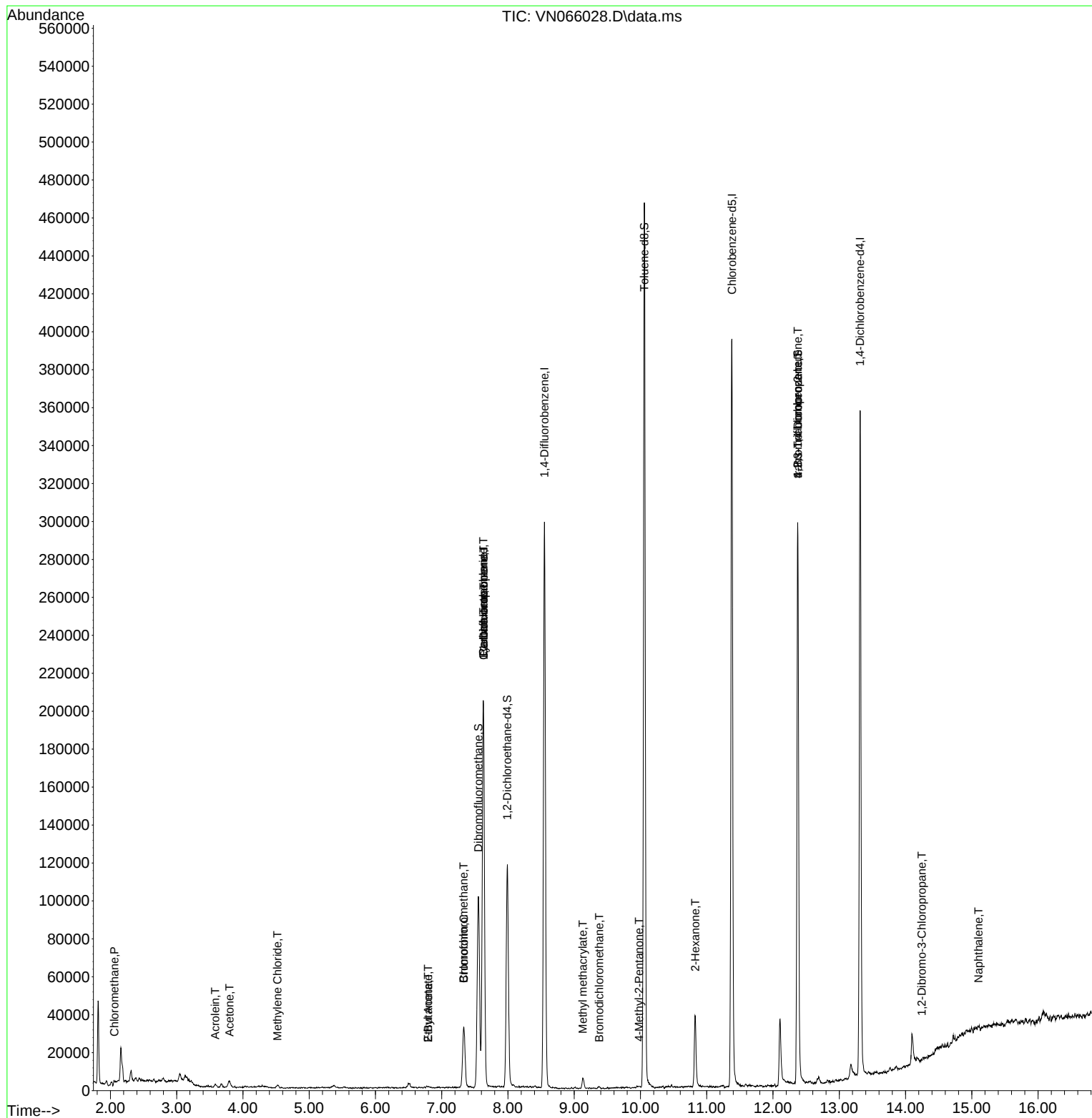
Internal Standards						
1) Pentafluorobenzene	7.627	168	167485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	276981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	249352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	101404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	103644	44.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.50%		
35) Dibromofluoromethane	7.553	113	81853	47.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.50%		
50) Toluene-d8	10.058	98	338657	48.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.26%		
62) 4-Bromofluorobenzene	12.373	95	120426	45.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.18%		
Target Compounds						Qvalue
3) Chloromethane	2.058	50	1394	0.51	ug/l	91
13) Acrolein	3.582	56	1837	6.16	ug/l	88
16) Acetone	3.798	43	6684	7.53	ug/l	95
20) Methylene Chloride	4.521	84	1178	0.54	ug/l	95
25) 2-Butanone	6.795	43	769	0.66	ug/l #	46
28) Bromochloromethane	7.331	49	2526	1.48	ug/l #	9
30) Chloroform	7.335	83	35738	9.75	ug/l	97
31) Cyclohexane	7.630	56	2971	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	12758	4.67	ug/l #	47
37) Ethyl Acetate	6.795	43	769	0.31	ug/l #	68
38) Carbon Tetrachloride	7.627	117	16524	6.51	ug/l #	17
47) Bromodichloromethane	9.376	83	937	0.35	ug/l #	84
48) Methyl methacrylate	9.129	41	1607	0.81	ug/l #	33
51) 4-Methyl-2-Pentanone	9.978	43	1902	0.80	ug/l #	43
59) 2-Hexanone	10.826	43	7622	4.47	ug/l #	45
76) 1,2,3-Trichloropropane	12.373	75	59388	24.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	59388	77.69	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.248	75	85	1.02	ug/l #	1
95) Naphthalene	15.103	128	1120	3.24	ug/l #	69

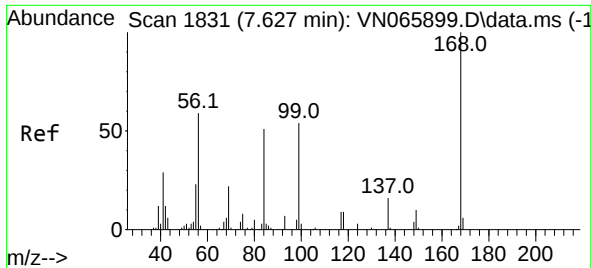
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
Data File : VN066028.D
Acq On : 25 Feb 2021 15:20
Operator : JC/MD
Sample : M1484-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 26 01:20:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

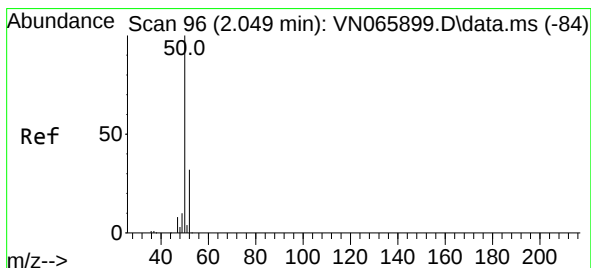
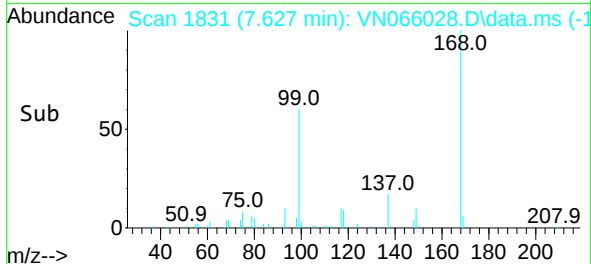
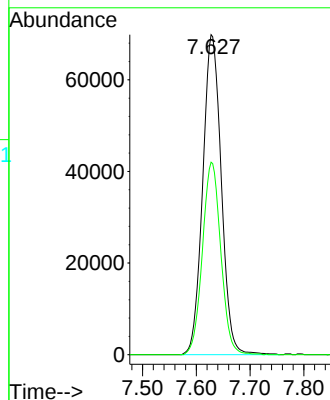
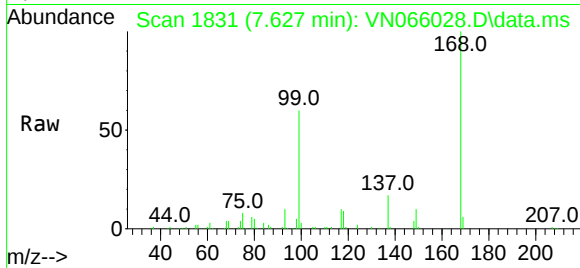




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

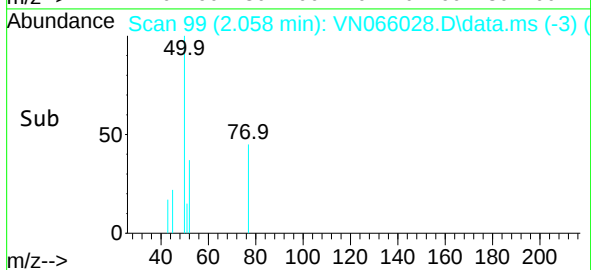
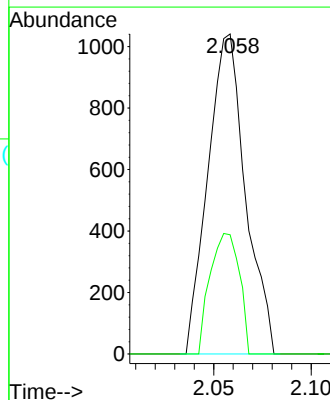
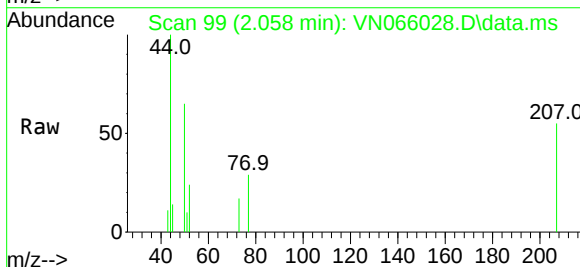
Instrument :
MSVOA_N
ClientSampled :

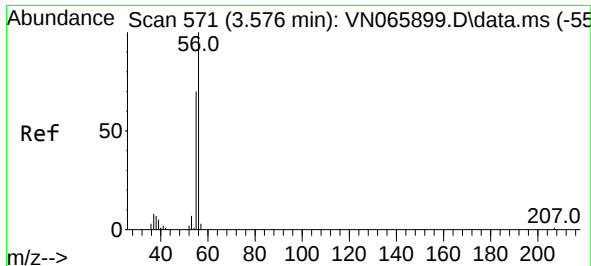
Tgt Ion:168 Resp: 167485
Ion Ratio Lower Upper
168 100
99 60.2 42.6 63.8



#3
Chloromethane
Concen: 0.51 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

Tgt Ion: 50 Resp: 1394
Ion Ratio Lower Upper
50 100
52 37.3 25.8 38.8

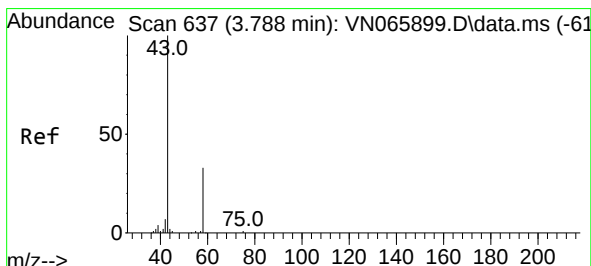
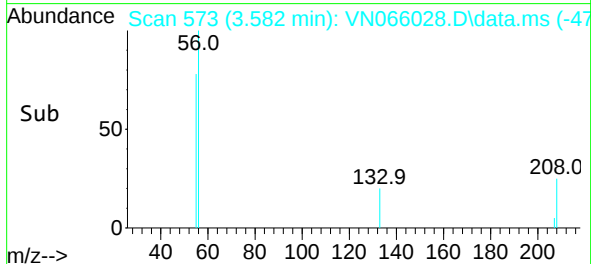
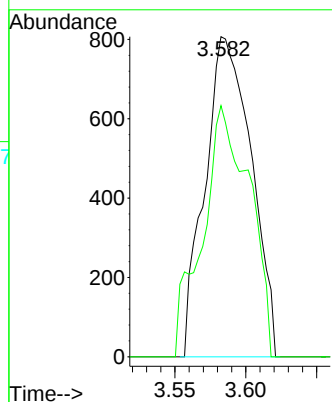
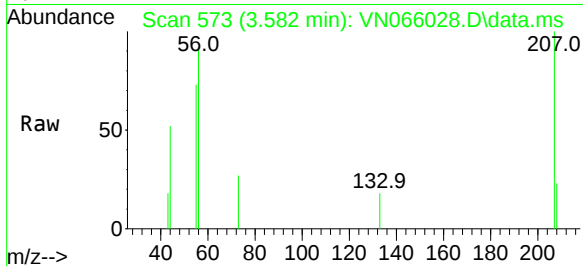




#13
Acrolein
Concen: 6.16 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.006 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

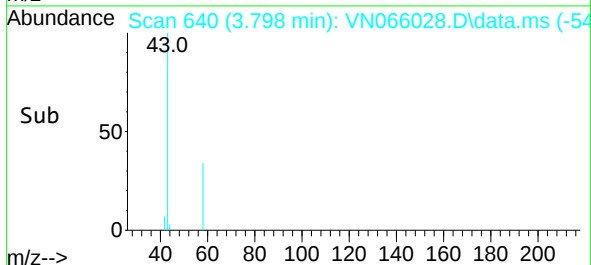
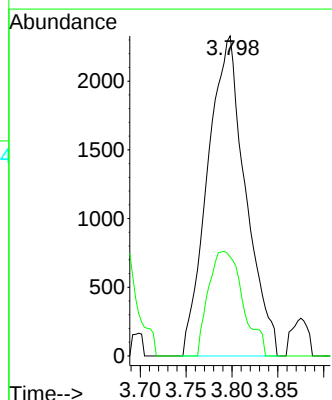
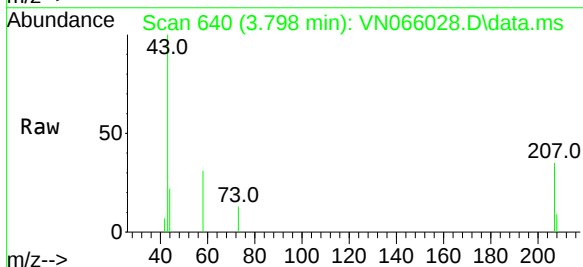
Instrument :
MSVOA_N
ClientSampled :

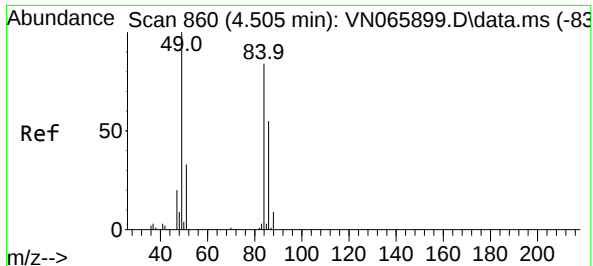
Tgt Ion: 56 Resp: 1837
Ion Ratio Lower Upper
56 100
55 79.6 56.0 84.0



#16
Acetone
Concen: 7.53 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

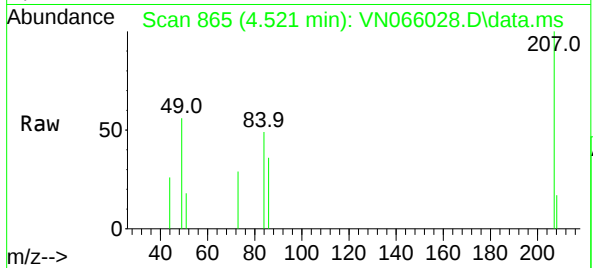
Tgt Ion: 43 Resp: 6684
Ion Ratio Lower Upper
43 100
58 31.0 27.0 40.6



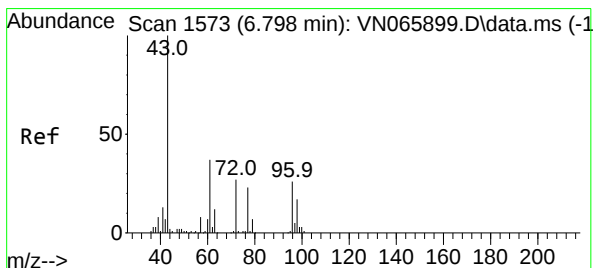
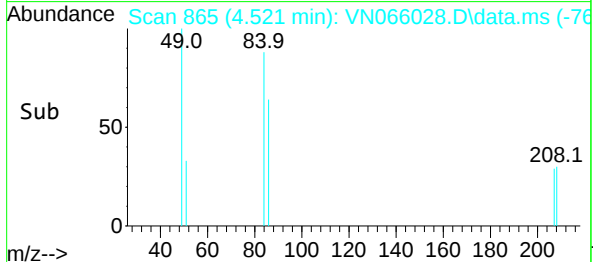
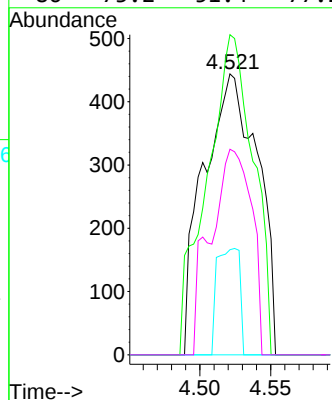


#20
Methylene Chloride
Concen: 0.54 ug/l
RT: 4.521 min Scan# 865
Delta R.T. 0.016 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

Instrument :
MSVOA_N
ClientSampled :

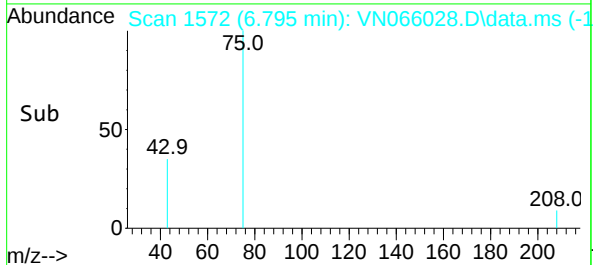
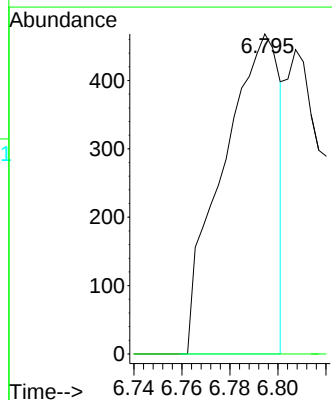
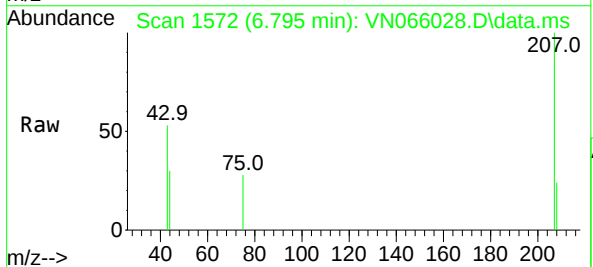


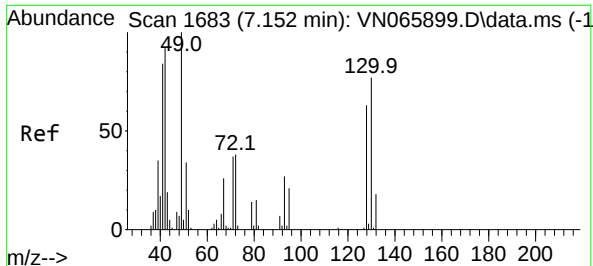
Tgt Ion:	84	Resp:	1178
Ion	Ratio	Lower	Upper
84	100		
49	114.0	94.6	141.8
51	37.4	29.9	44.9
86	73.2	51.4	77.2



#25
2-Butanone
Concen: 0.66 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

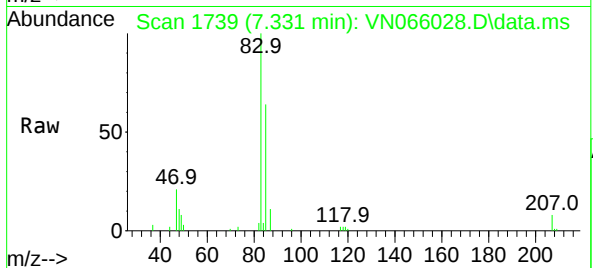
Tgt Ion:	43	Resp:	769
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#



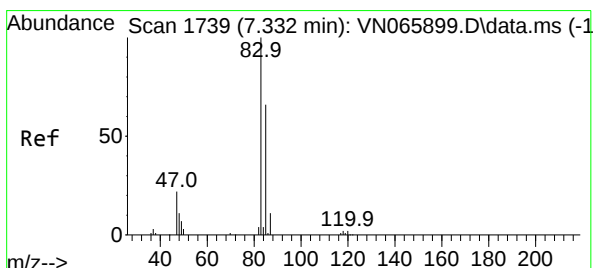
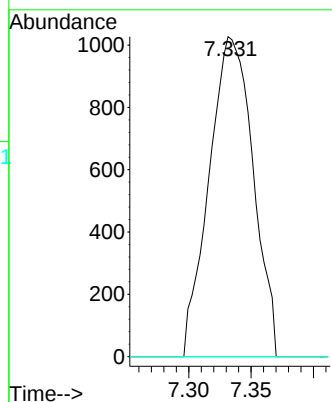
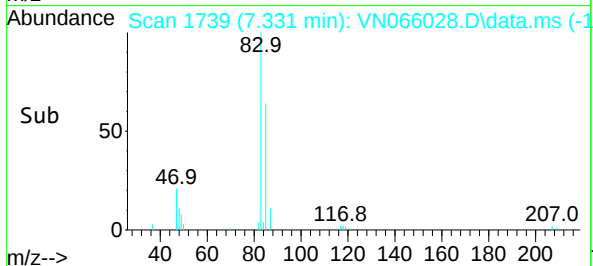


#28
Bromochloromethane
Concen: 1.48 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. 0.179 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

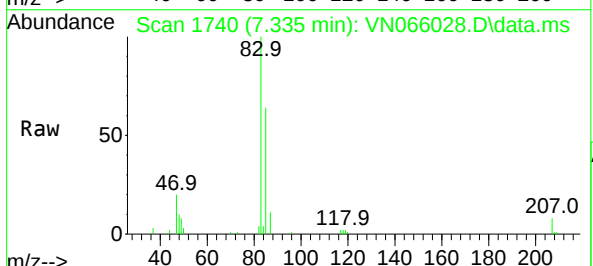
Instrument :
MSVOA_N
ClientSampled :



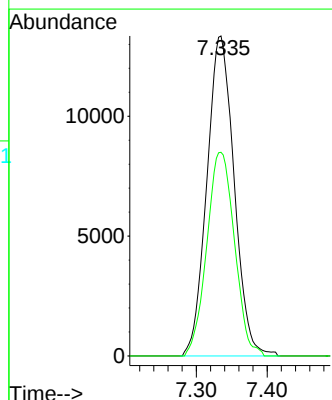
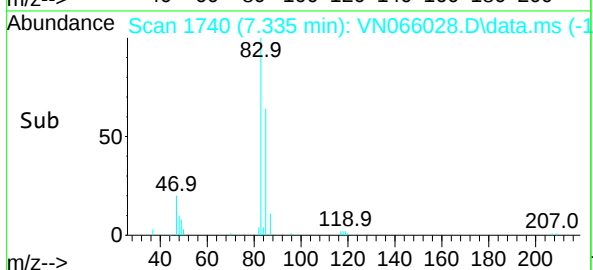
Tgt Ion: 49 Resp: 2526
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 67.8 101.6#

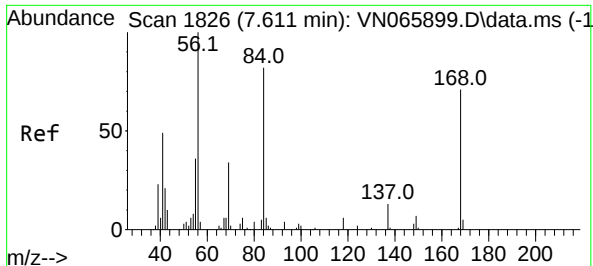


#30
Chloroform
Concen: 9.75 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20



Tgt Ion: 83 Resp: 35738
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8





#31

Cyclohexane

Concen: 0.85 ug/l

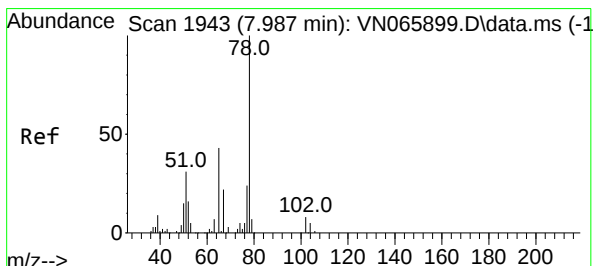
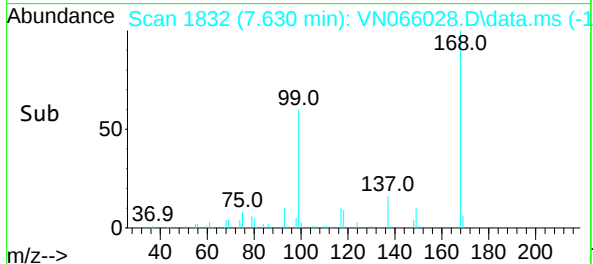
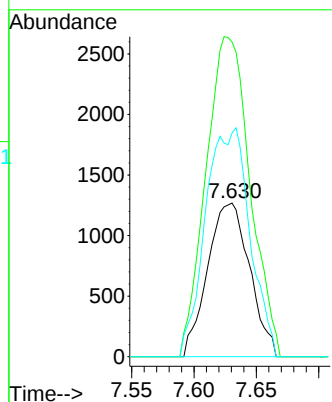
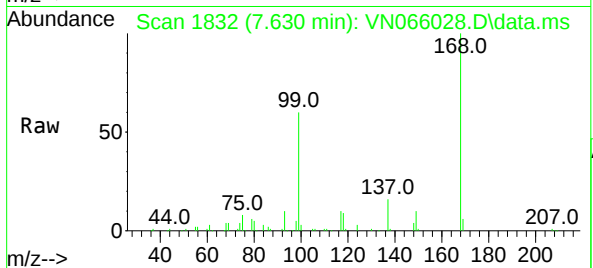
RT: 7.630 min Scan# 1832

Delta R.T. 0.019 min

Lab File: VN066028.D

Acq: 25 Feb 2021 15:20

Tgt Ion:	56	Resp:	2971
Ion	Ratio	Lower	Upper
56	100		
69	204.9	26.6	39.8#
84	145.7	70.4	105.6#



#33

1,2-Dichloroethane-d4

Concen: 44.25 ug/l

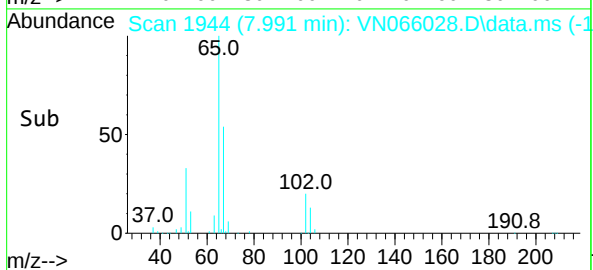
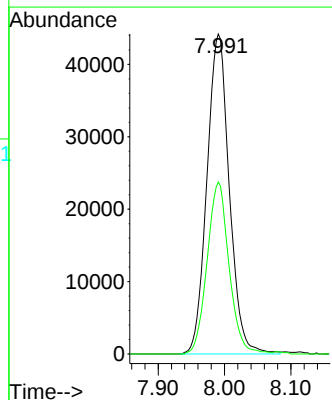
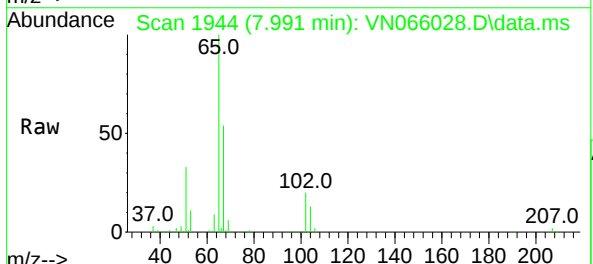
RT: 7.991 min Scan# 1944

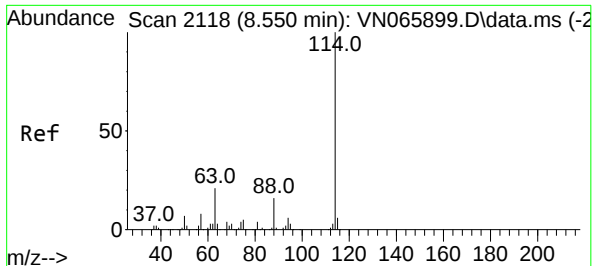
Delta R.T. 0.004 min

Lab File: VN066028.D

Acq: 25 Feb 2021 15:20

Tgt Ion:	65	Resp:	103644
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.2



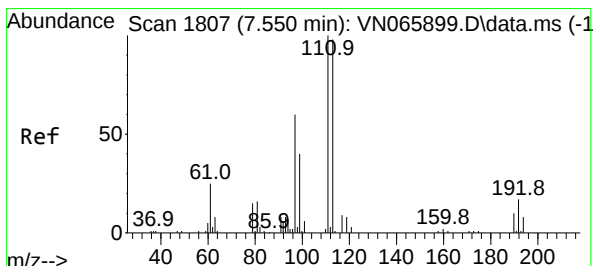
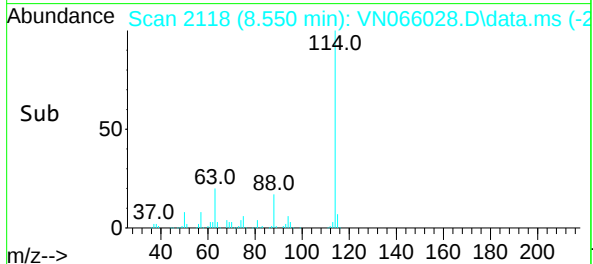
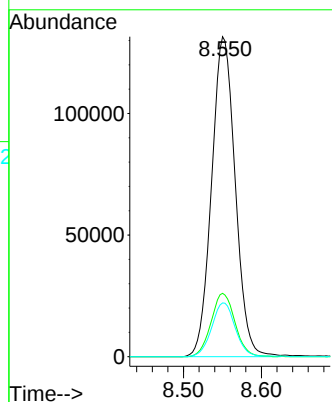
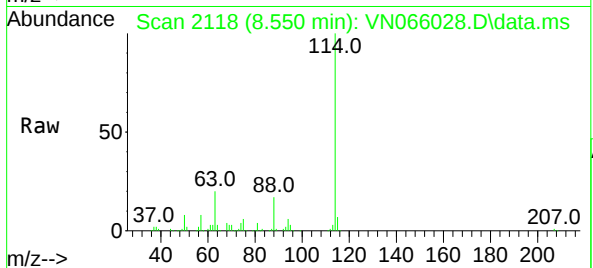


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

Instrument :
MSVOA_N
ClientSampled :

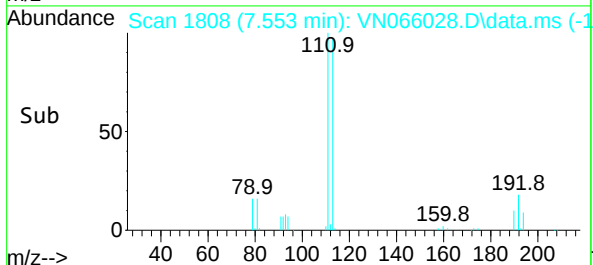
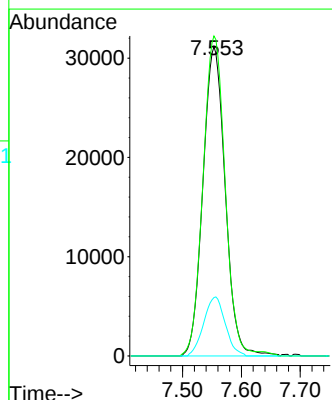
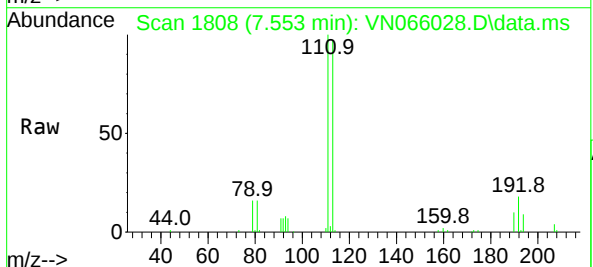
Tgt Ion:114 Resp: 276981
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 16.8 0.0 30.6

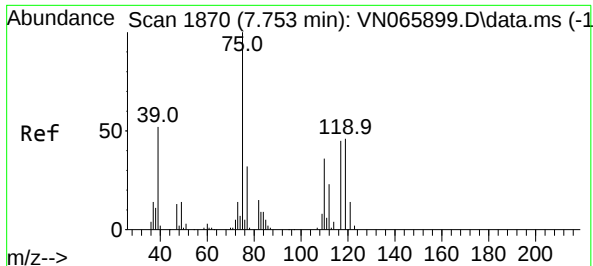


#35

Dibromofluoromethane
Concen: 47.75 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

Tgt Ion:113 Resp: 81853
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.5 15.4 23.0

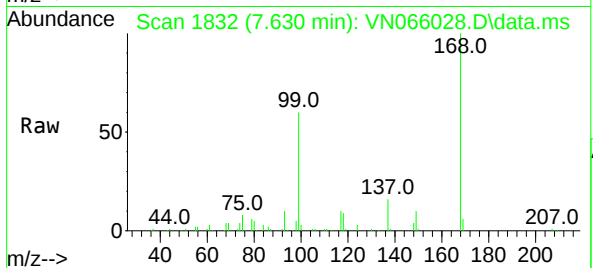




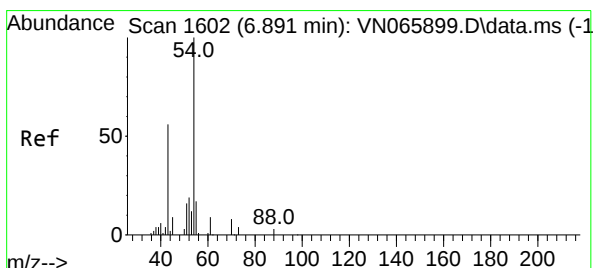
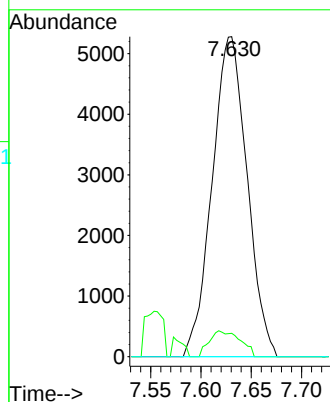
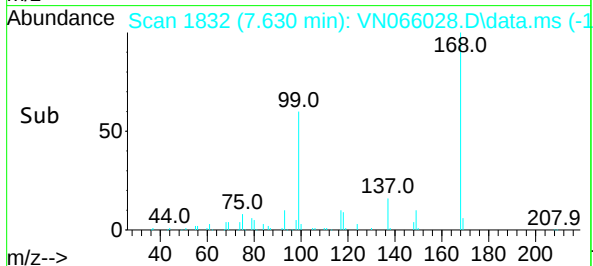
#36

1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

Instrument :
MSVOA_N
ClientSampled :

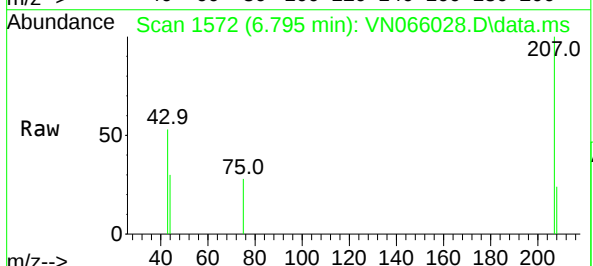


Tgt Ion: 75	Resp: 12758
Ion Ratio	Lower Upper
75 100	
110 7.1	18.2 54.6#
77 0.0	24.9 37.3#

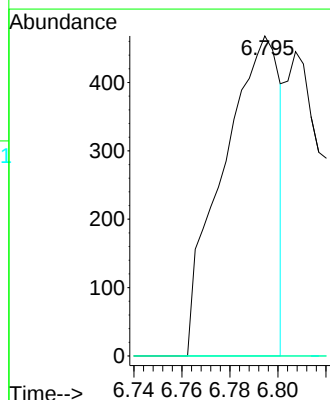
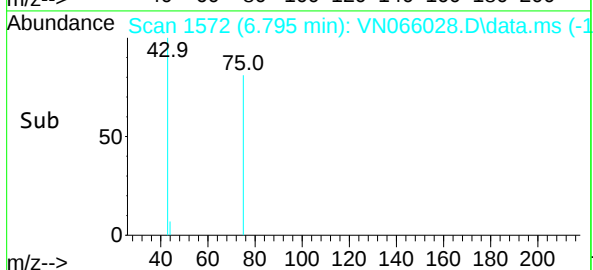


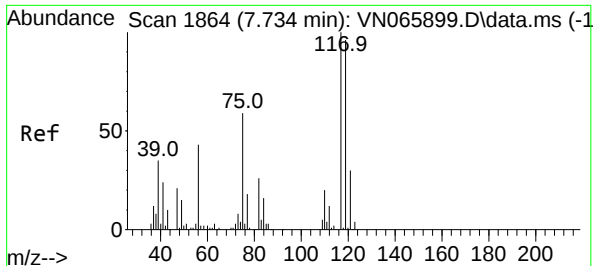
#37

Ethyl Acetate
Concen: 0.31 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.096 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20



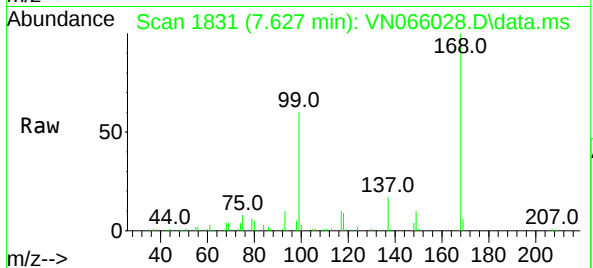
Tgt Ion: 43	Resp: 769
Ion Ratio	Lower Upper
43 100	
61 0.0	11.6 17.4#
70 0.0	8.6 13.0#



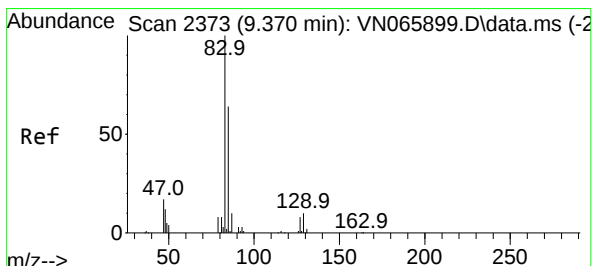
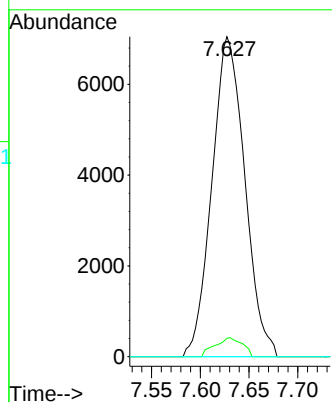
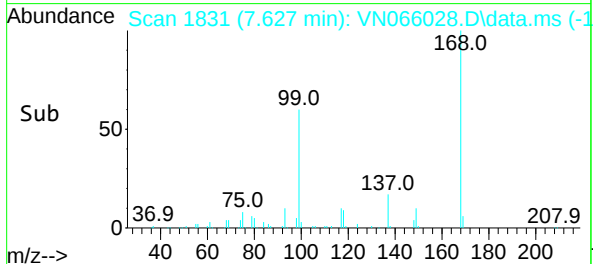


#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

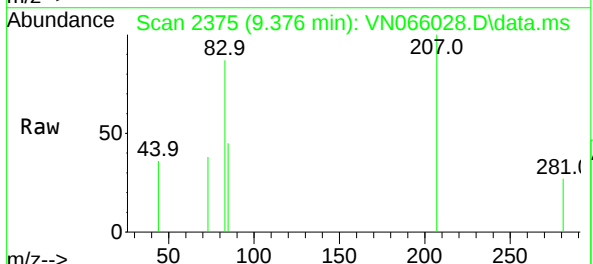
Instrument :
MSVOA_N
ClientSampled :



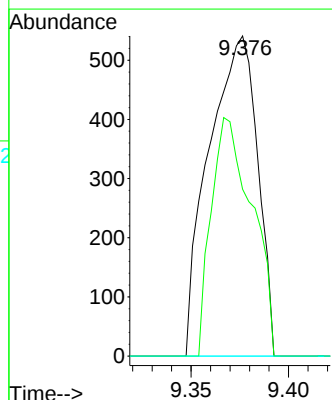
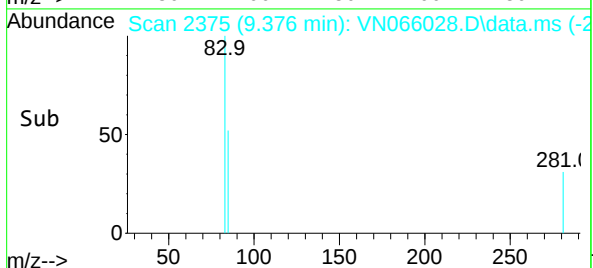
Tgt Ion:117 Resp: 16524
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#

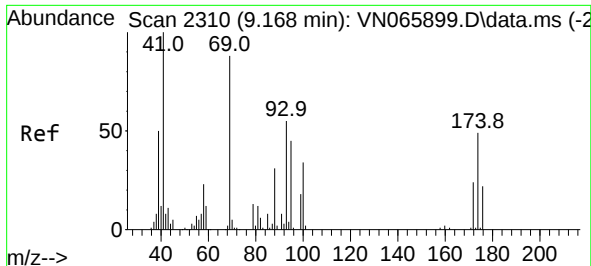


#47
Bromodichloromethane
Concen: 0.35 ug/l
RT: 9.376 min Scan# 2375
Delta R.T. 0.006 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20



Tgt Ion: 83 Resp: 937
Ion Ratio Lower Upper
83 100
85 52.1 51.0 76.4
127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 0.81 ug/l

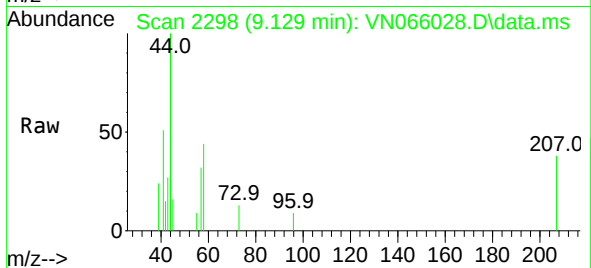
RT: 9.129 min Scan# 2298

Delta R.T. -0.039 min

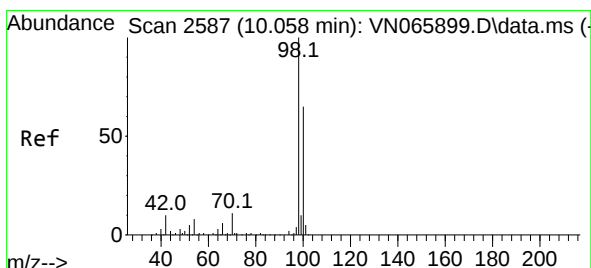
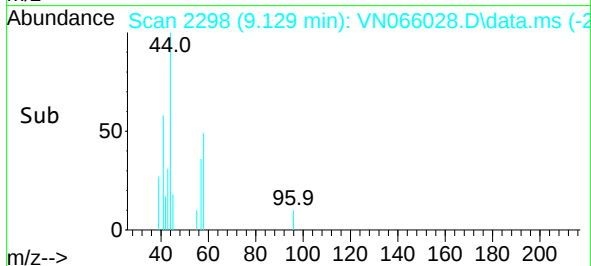
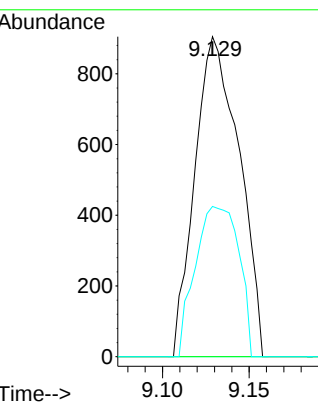
Lab File: VN066028.D

Acq: 25 Feb 2021 15:20

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	41	Resp:	1607
Ion Ratio	Lower	Upper	
41	100		
69	0.0	75.9	113.9#
39	46.2	46.6	69.8#



#50

Toluene-d8

Concen: 48.13 ug/l

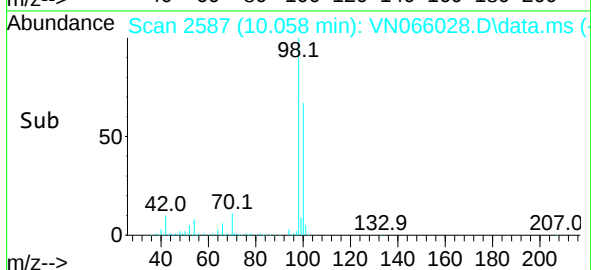
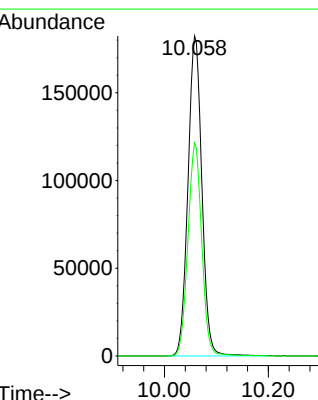
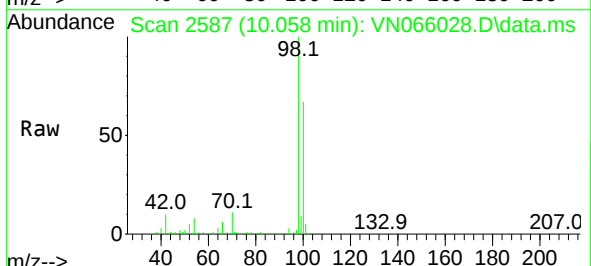
RT: 10.058 min Scan# 2587

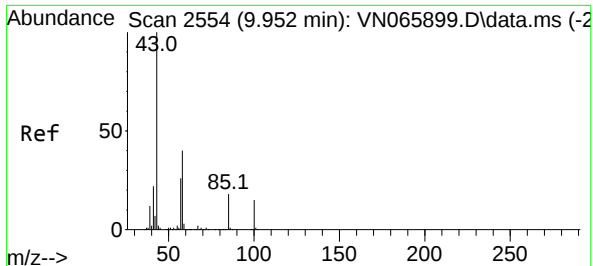
Delta R.T. 0.000 min

Lab File: VN066028.D

Acq: 25 Feb 2021 15:20

Tgt Ion:	98	Resp:	338657
Ion Ratio	Lower	Upper	
98	100		
100	66.1	50.5	75.7

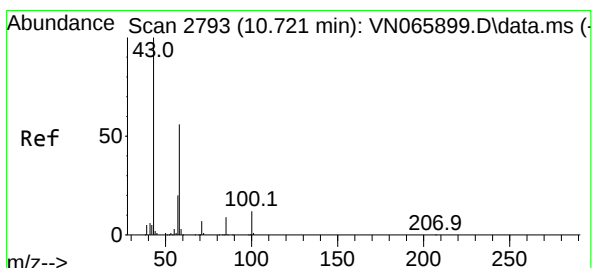
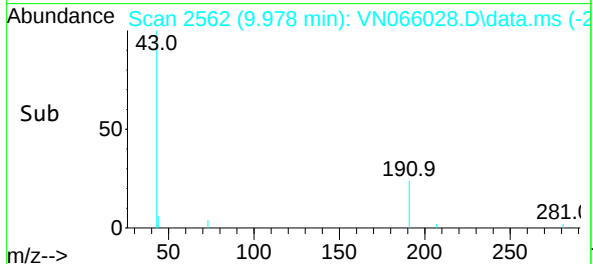
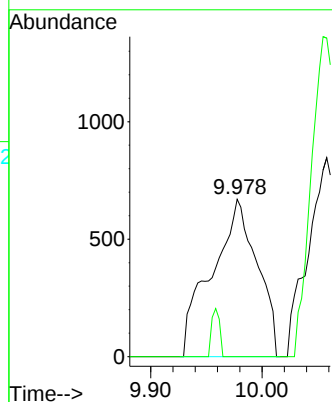
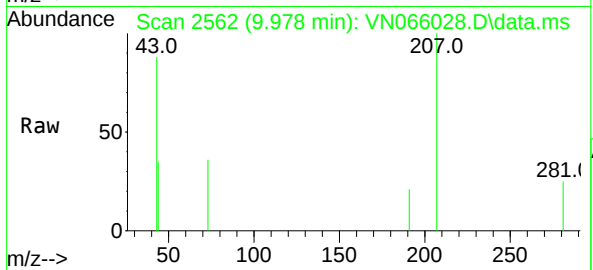




#51
4-Methyl-2-Pentanone
Concen: 0.80 ug/l
RT: 9.978 min Scan# 2562
Delta R.T. 0.026 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

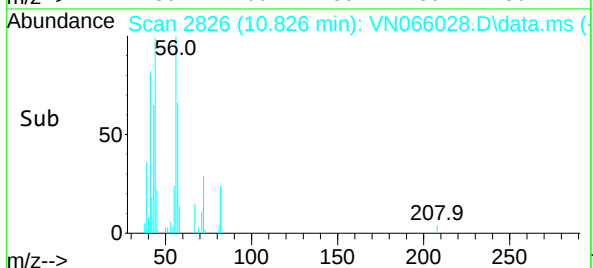
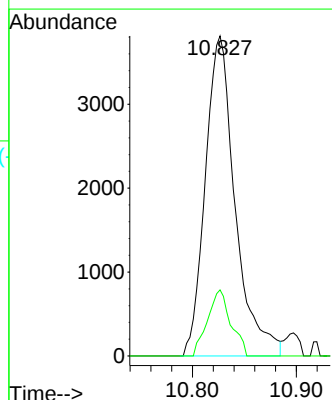
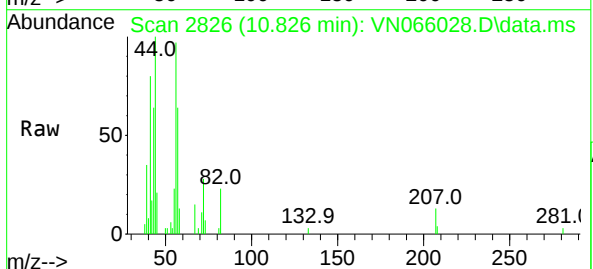
Instrument :
MSVOA_N
ClientSampled :

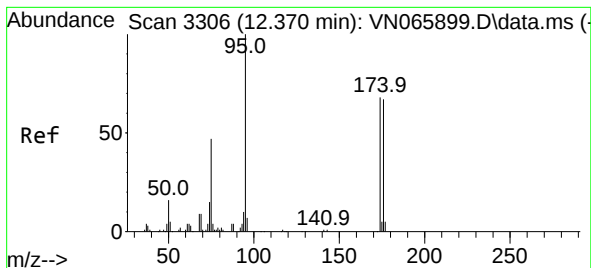
Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 5.4 32.5 48.7#



#59
2-Hexanone
Concen: 4.47 ug/l
RT: 10.826 min Scan# 2826
Delta R.T. 0.105 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

Tgt Ion: 43 Resp: 7622
Ion Ratio Lower Upper
43 100
58 16.1 28.1 84.3#

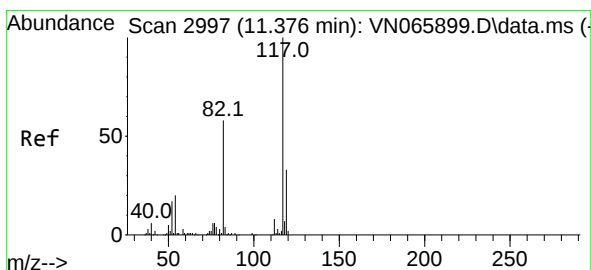
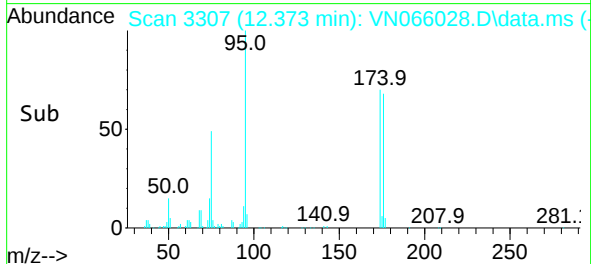
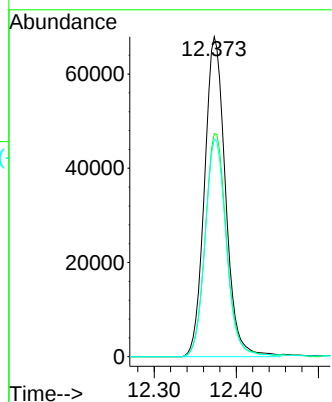
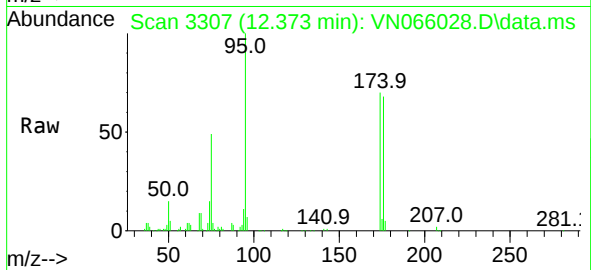




#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

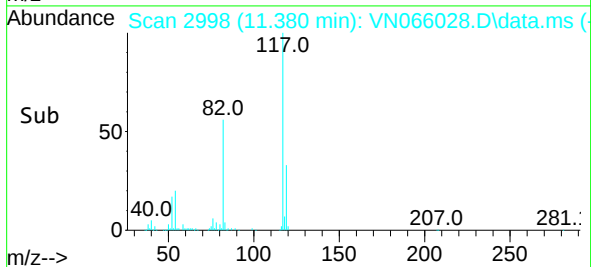
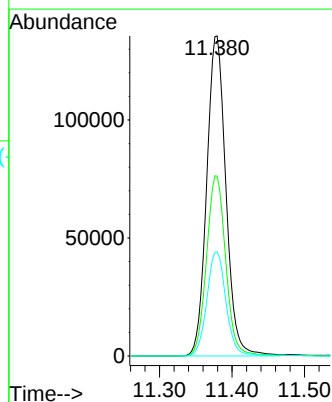
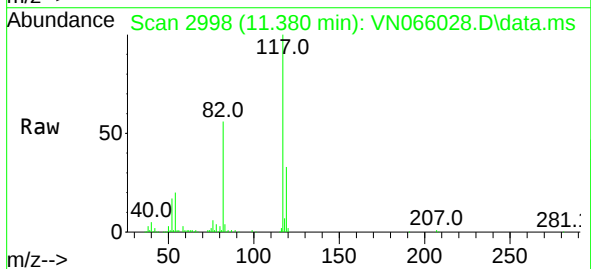
Instrument :
MSVOA_N
ClientSampleId :

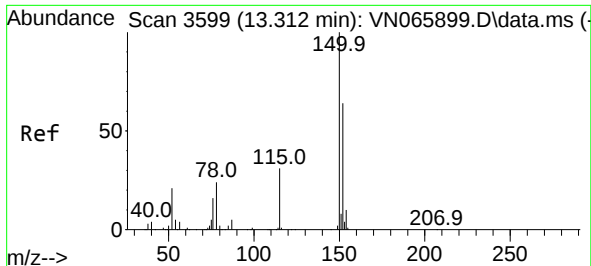
Tgt Ion: 95 Resp: 120426
Ion Ratio Lower Upper
95 100
174 71.0 0.0 169.0
176 68.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

Tgt Ion: 117 Resp: 249352
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 32.6 26.1 39.1

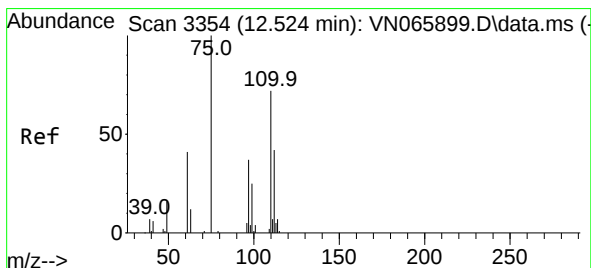
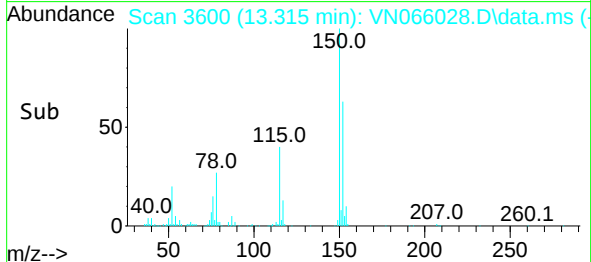
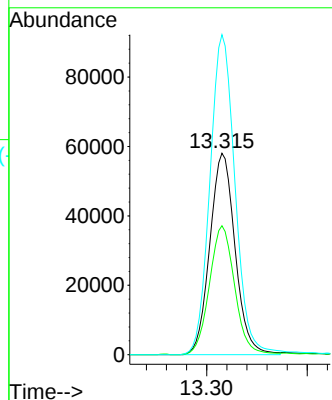
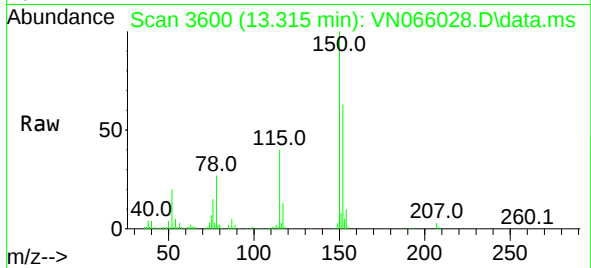




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066028.D
 Acq: 25 Feb 2021 15:20

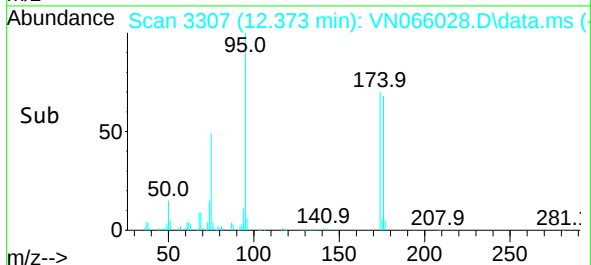
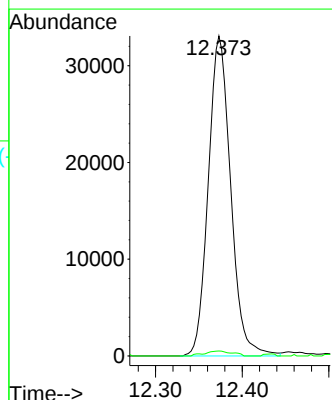
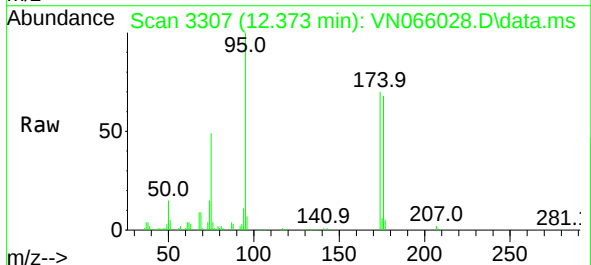
Instrument :
 MSVOA_N
 ClientSampled :

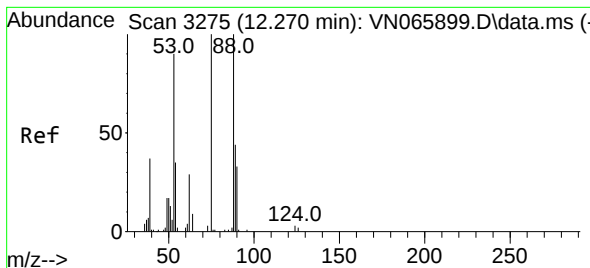
Tgt Ion:152 Resp: 101404
 Ion Ratio Lower Upper
 152 100
 115 63.8 28.5 85.6
 150 159.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 24.38 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066028.D
 Acq: 25 Feb 2021 15:20

Tgt Ion: 75 Resp: 59388
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

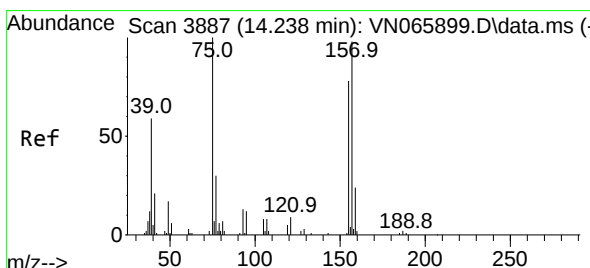
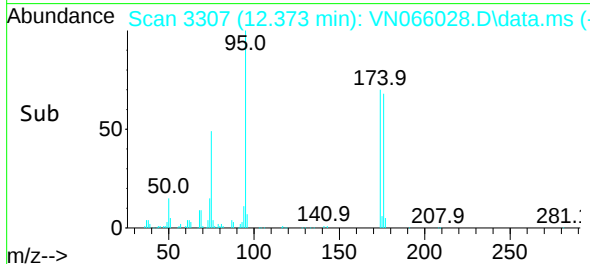
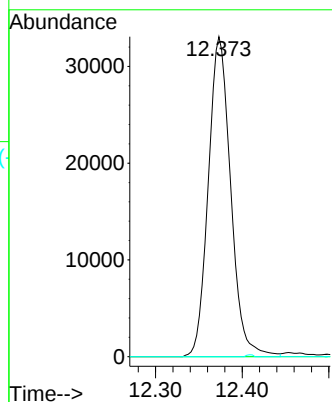
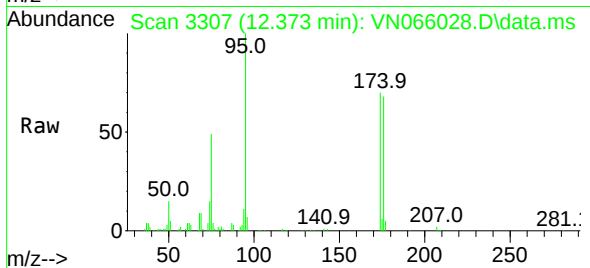




#81
trans-1,4-Dichloro-2-butene
Concen: 77.69 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

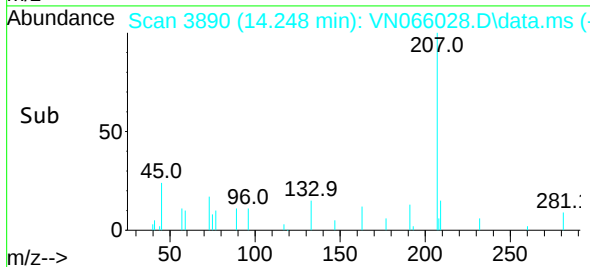
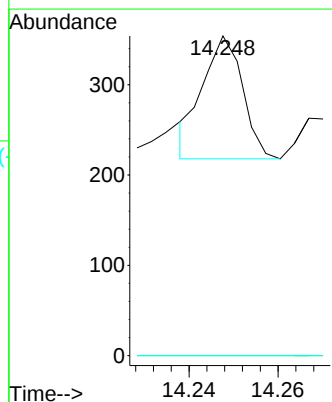
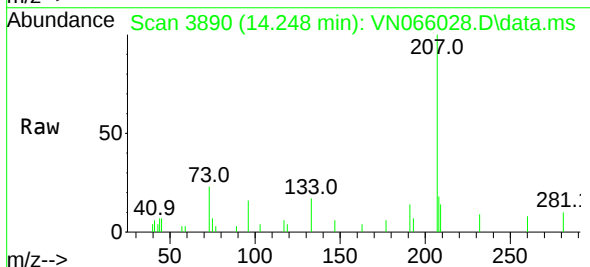
Instrument :
MSVOA_N
ClientSampled :

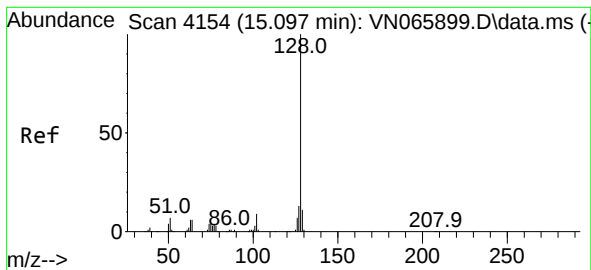
Tgt Ion: 75 Resp: 59388
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.02 ug/l
RT: 14.248 min Scan# 3890
Delta R.T. 0.010 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

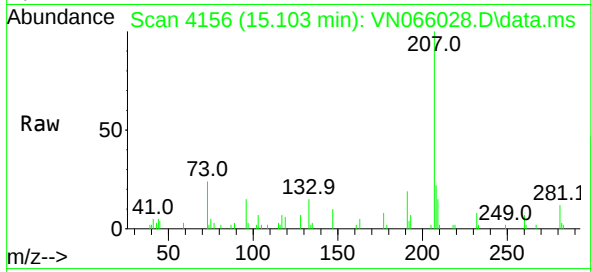
Tgt Ion: 75 Resp: 85
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.24 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.006 min
Lab File: VN066028.D
Acq: 25 Feb 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1120
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

