

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066004.D
 Acq On : 24 Feb 2021 15:18
 Operator : JC/MD
 Sample : M1473-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 02:14:18 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)

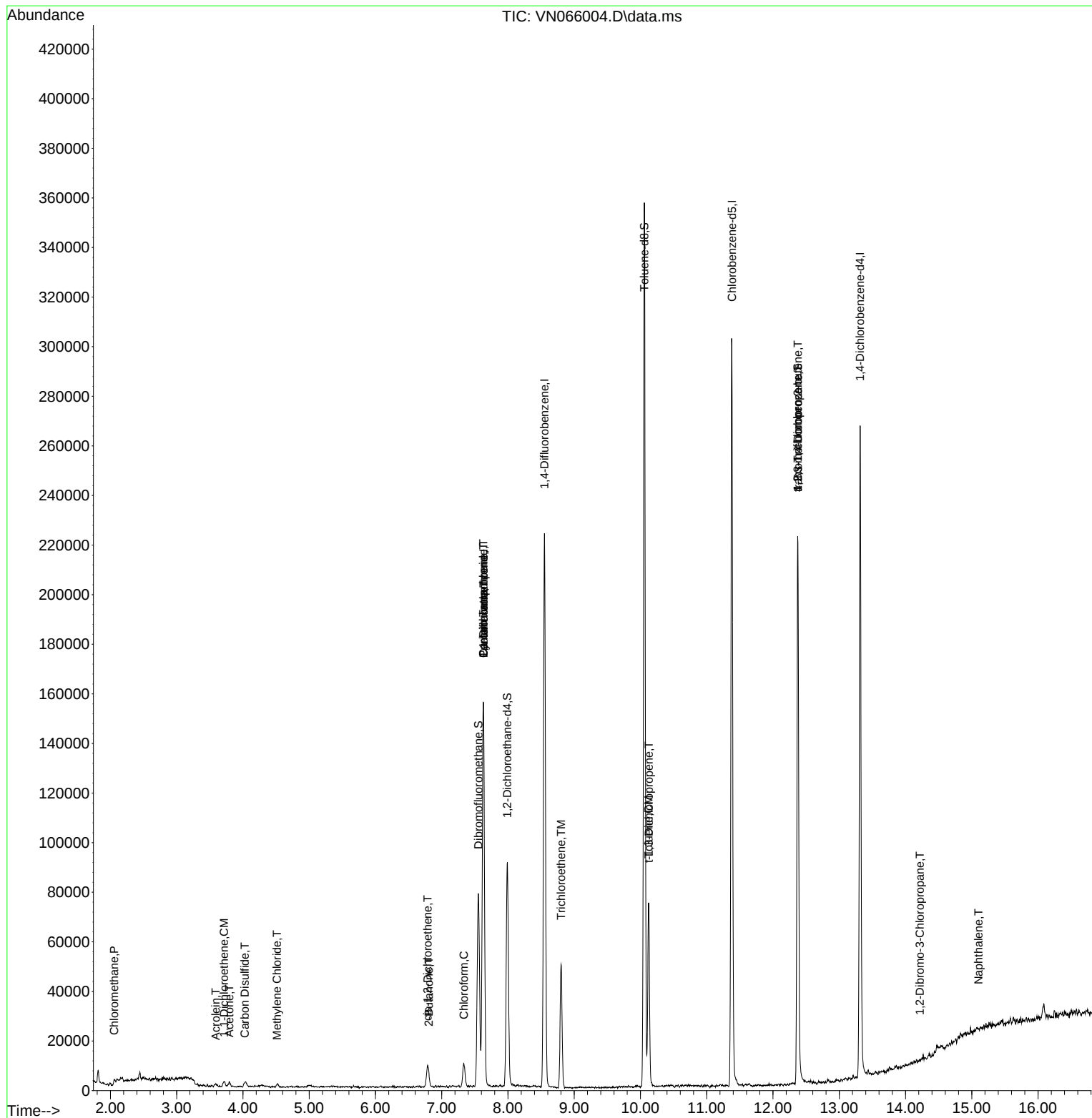
Internal Standards						
1) Pentafluorobenzene	7.631	168	125493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	207386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	187066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	75224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	82761	47.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.32%		
35) Dibromofluoromethane	7.553	113	61795	48.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.30%		
50) Toluene-d8	10.058	98	250376	47.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.04%		
62) 4-Bromofluorobenzene	12.373	95	89993	45.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.00%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.055	50	1050	0.51	ug/l	93
12) 1,1-Dichloroethene	3.714	96	995	0.71	ug/l	88
13) Acrolein	3.589	56	1379	6.18	ug/l #	74
16) Acetone	3.795	43	3137	4.11	ug/l	99
17) Carbon Disulfide	4.029	76	1879	0.47	ug/l #	74
20) Methylene Chloride	4.515	84	1044	0.64	ug/l #	60
25) 2-Butanone	6.804	43	179	0.21	ug/l #	46
27) cis-1,2-Dichloroethene	6.788	96	6672	3.95	ug/l	84
30) Chloroform	7.335	83	10383	3.78	ug/l	93
31) Cyclohexane	7.631	56	2574	0.98	ug/l #	19
36) 1,1-Dichloropropene	7.627	75	9918	4.85	ug/l #	48
38) Carbon Tetrachloride	7.627	117	12357	6.50	ug/l #	16
44) Trichloroethene	8.801	130	19093	12.30	ug/l	99
52) Toluene	10.122	92	33416	8.67	ug/l	94
53) t-1,3-Dichloropropene	10.126	75	347	2.12	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	45579	25.22	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	45579	80.38	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.215	75	27	0.92	ug/l #	1
95) Naphthalene	15.100	128	67	3.07	ug/l #	69

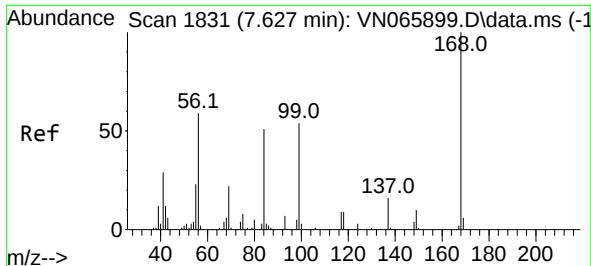
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

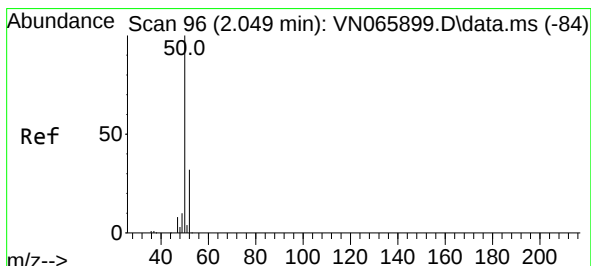
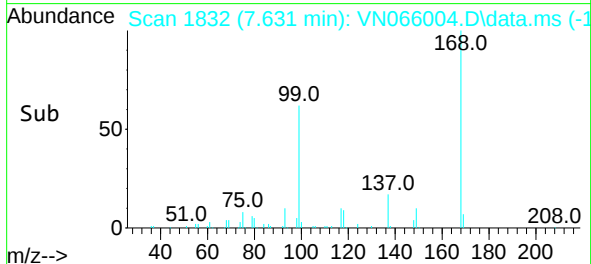
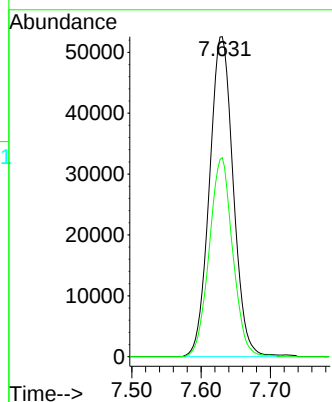
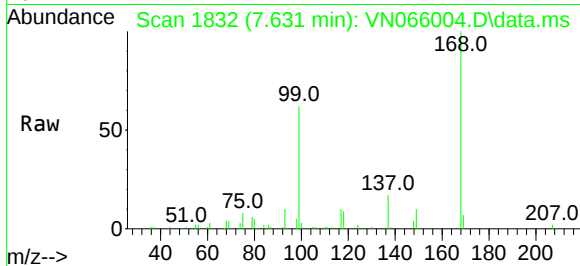




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

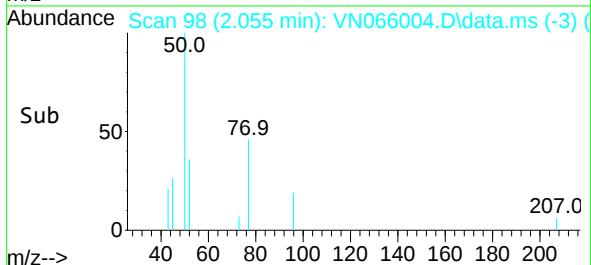
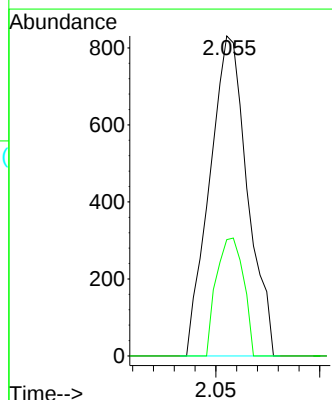
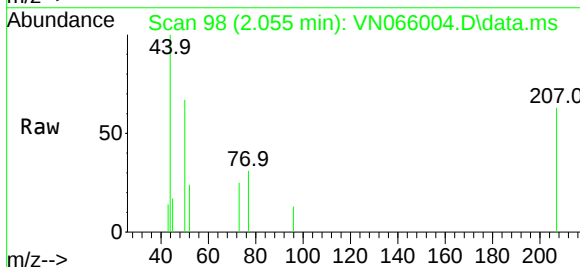
Instrument :
MSVOA_N
ClientSampled :

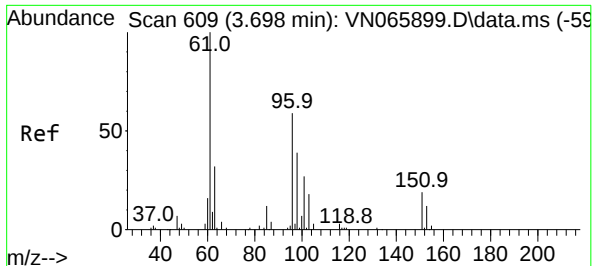
Tgt Ion:168 Resp: 125493
Ion Ratio Lower Upper
168 100
99 62.2 42.6 63.8



#3
Chloromethane
Concen: 0.51 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Tgt Ion: 50 Resp: 1050
Ion Ratio Lower Upper
50 100
52 36.3 25.8 38.8





#12

1,1-Dichloroethene

Concen: 0.71 ug/l

RT: 3.714 min Scan# 614

Delta R.T. 0.016 min

Lab File: VN066004.D

Acq: 24 Feb 2021 15:18

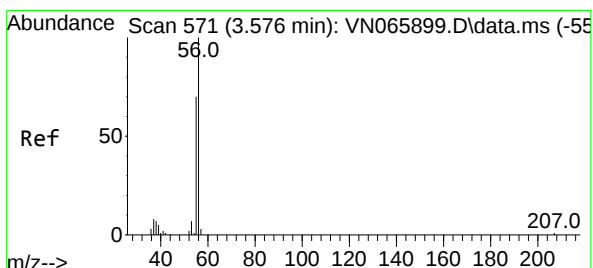
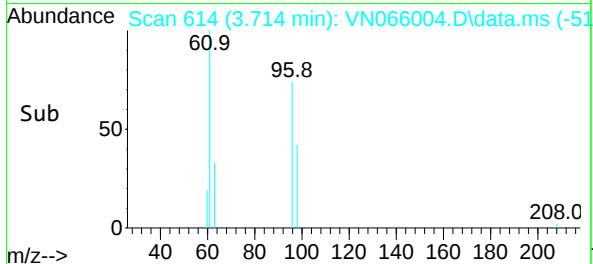
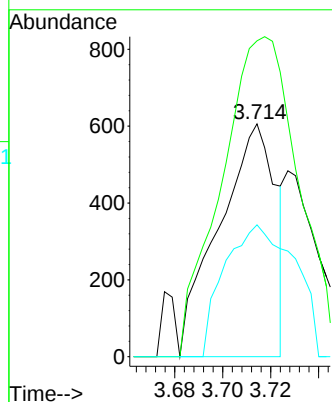
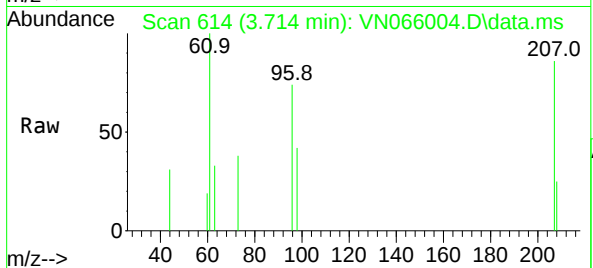
Tgt Ion: 96 Resp: 995

Ion Ratio Lower Upper

96 100

61 135.6 122.5 183.7

98 56.6 50.8 76.2



#13

Acrolein

Concen: 6.18 ug/l

RT: 3.589 min Scan# 575

Delta R.T. 0.013 min

Lab File: VN066004.D

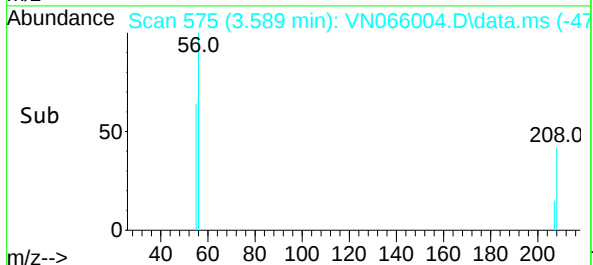
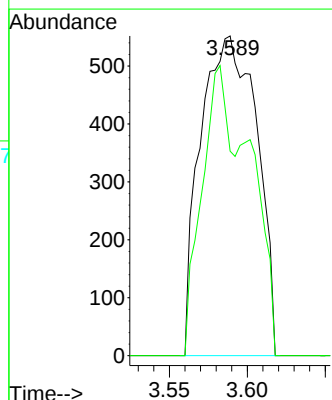
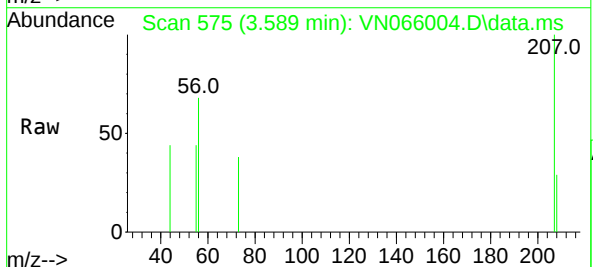
Acq: 24 Feb 2021 15:18

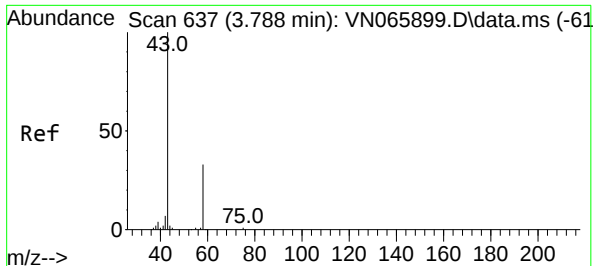
Tgt Ion: 56 Resp: 1379

Ion Ratio Lower Upper

56 100

55 48.3 56.0 84.0#

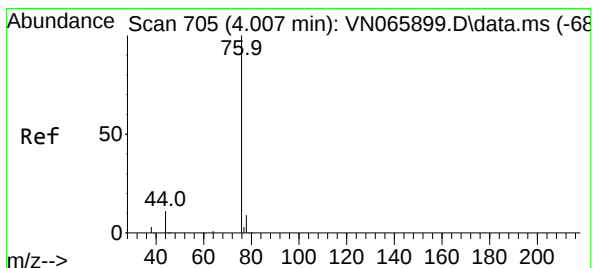
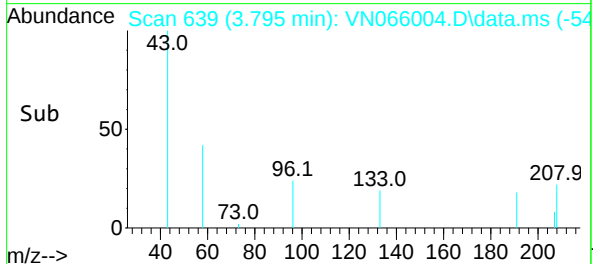
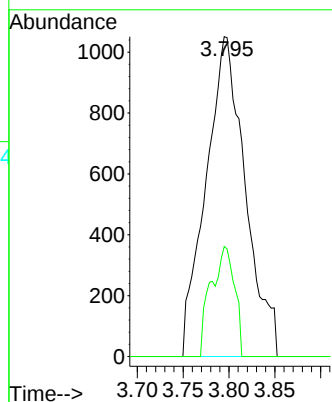
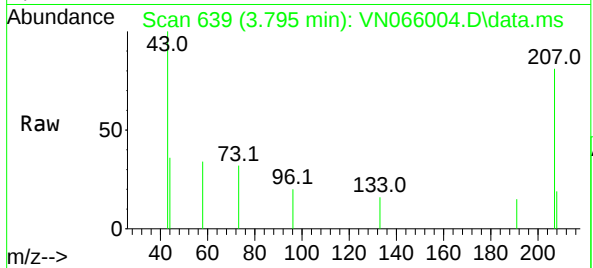




#16
Acetone
Concen: 4.11 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

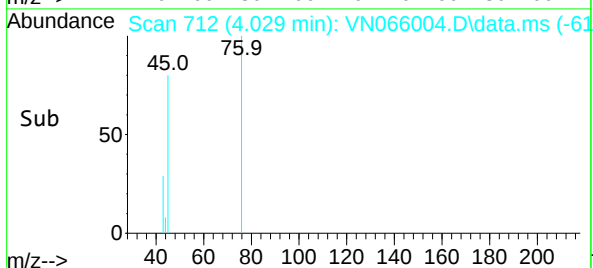
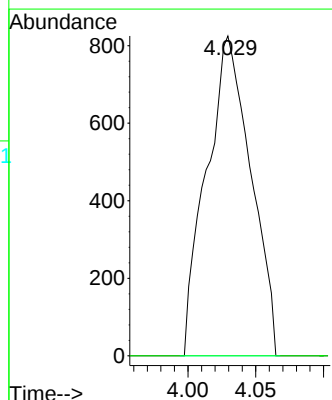
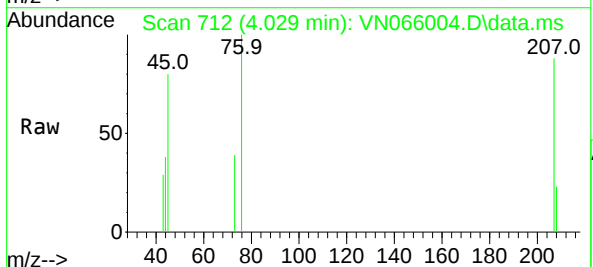
Instrument :
MSVOA_N
ClientSampled :

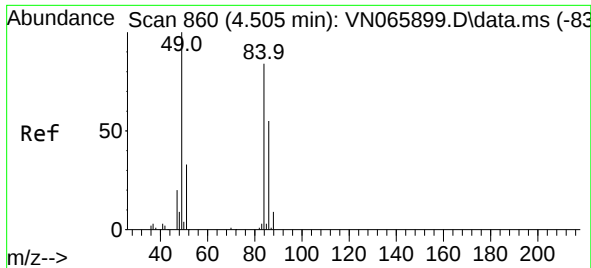
Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.6



#17
Carbon Disulfide
Concen: 0.47 ug/l
RT: 4.029 min Scan# 712
Delta R.T. 0.022 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

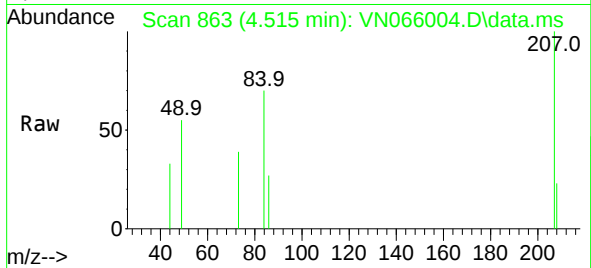
Tgt Ion: 76 Resp: 1879
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



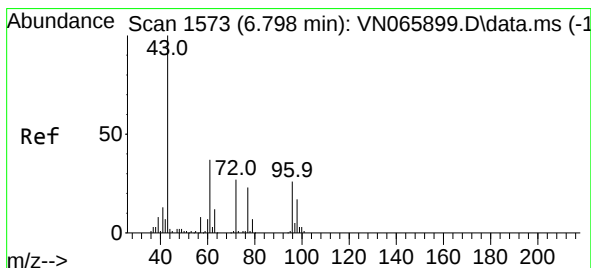
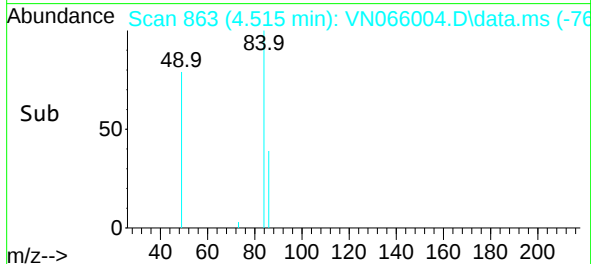
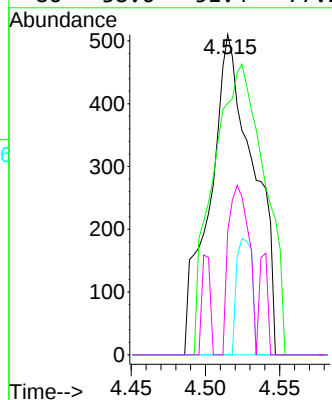


#20
Methylene Chloride
Concen: 0.64 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.010 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Instrument :
MSVOA_N
ClientSampled :

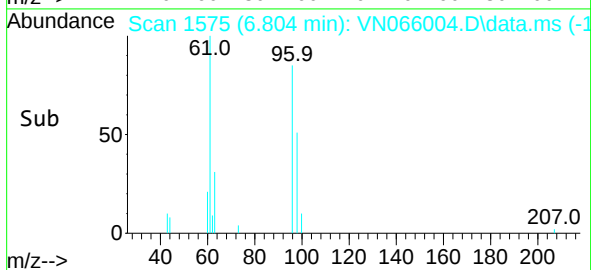
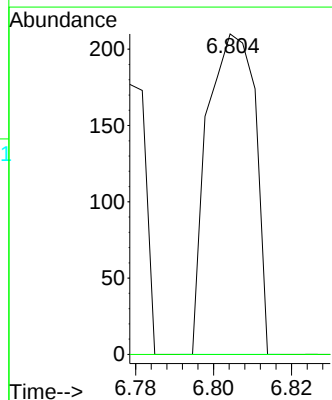
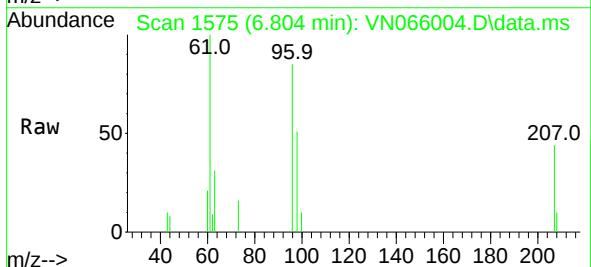


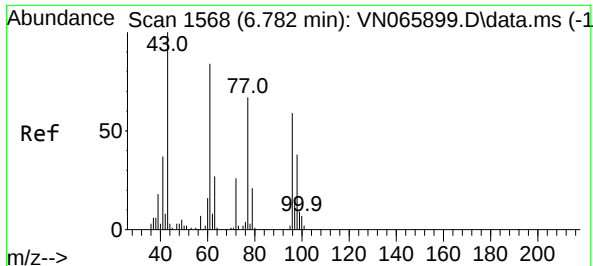
Tgt Ion:	84	Resp:	1044
Ion	Ratio	Lower	Upper
84	100		
49	78.6	94.6	141.8#
51	0.0	29.9	44.9#
86	38.6	51.4	77.2#



#25
2-Butanone
Concen: 0.21 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

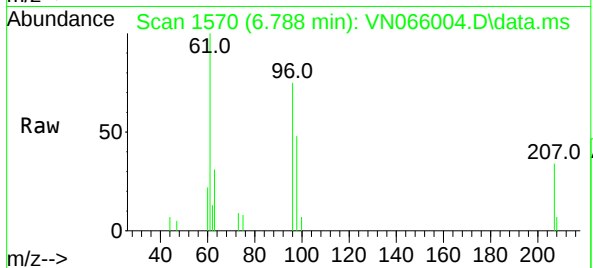
Tgt Ion:	43	Resp:	179
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#



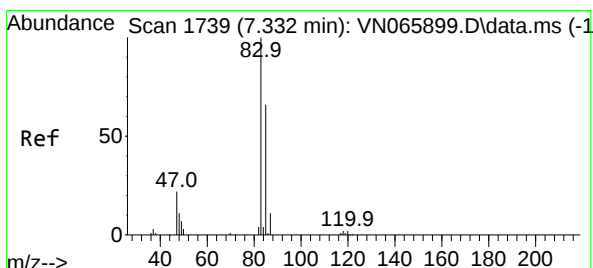
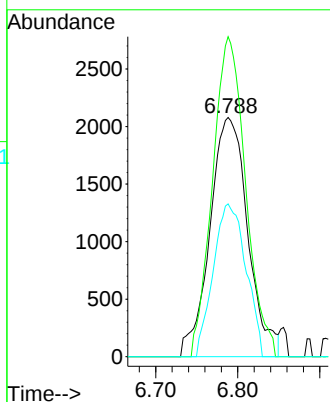
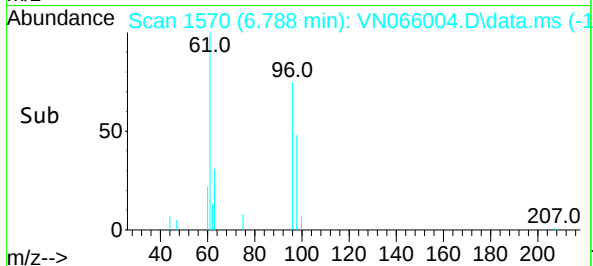


#27
cis-1,2-Dichloroethene
Concen: 3.95 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

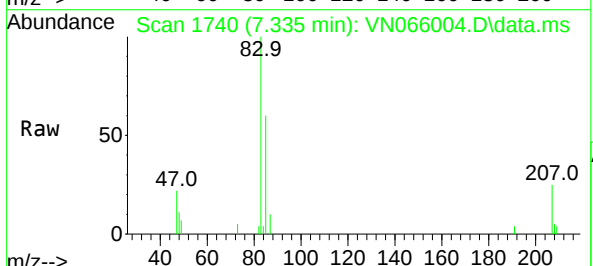
Instrument :
MSVOA_N
ClientSampled :



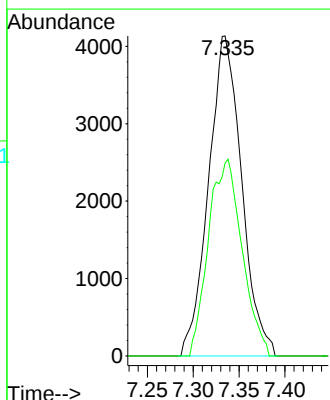
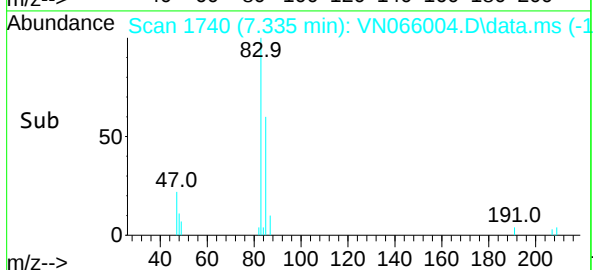
Tgt Ion:	96	Resp:	6672
Ion	Ratio	Lower	Upper
96	100		
61	116.6	0.0	276.8
98	55.0	0.0	129.4

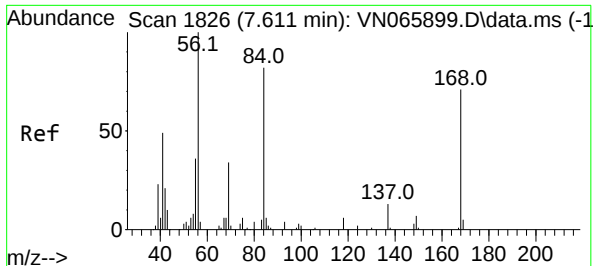


#30
Chloroform
Concen: 3.78 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18



Tgt Ion:	83	Resp:	10383
Ion	Ratio	Lower	Upper
83	100		
85	60.3	52.6	78.8





#31

Cyclohexane

Concen: 0.98 ug/l

RT: 7.631 min Scan# 1832

Delta R.T. 0.020 min

Lab File: VN066004.D

Acq: 24 Feb 2021 15:18

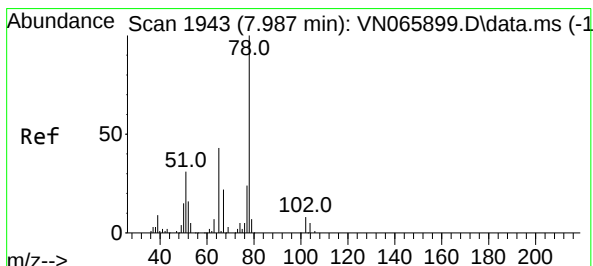
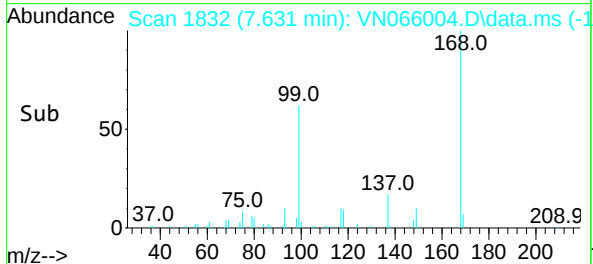
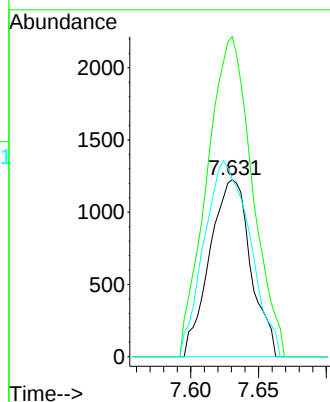
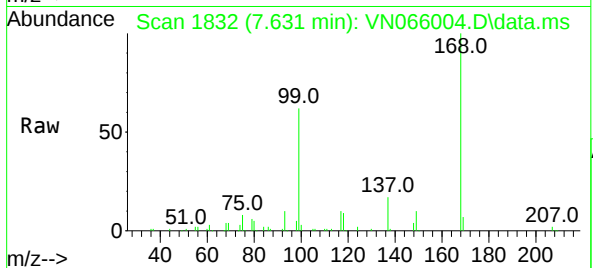
Tgt Ion: 56 Resp: 2574

Ion Ratio Lower Upper

56 100

69 180.8 26.6 39.8#

84 100.2 70.4 105.6



#33

1,2-Dichloroethane-d4

Concen: 47.16 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. 0.004 min

Lab File: VN066004.D

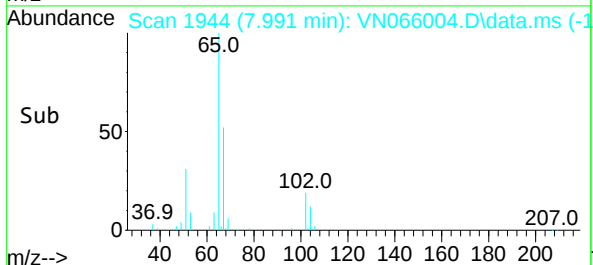
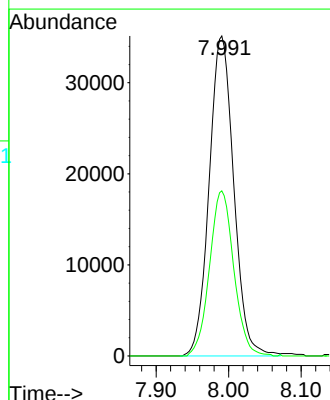
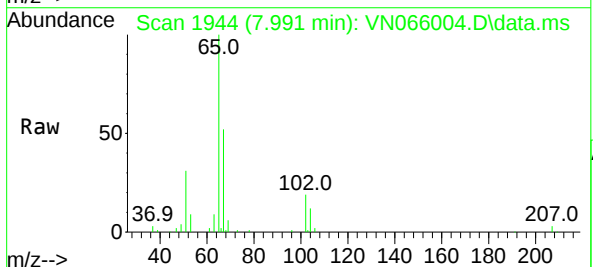
Acq: 24 Feb 2021 15:18

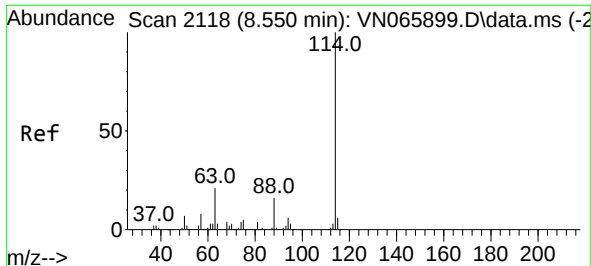
Tgt Ion: 65 Resp: 82761

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.2

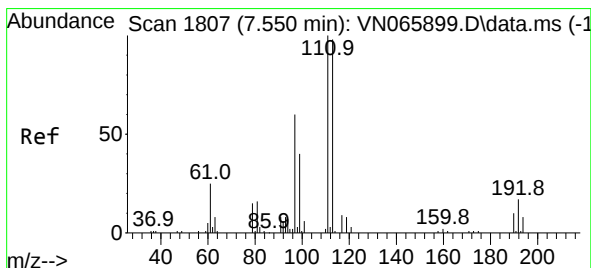
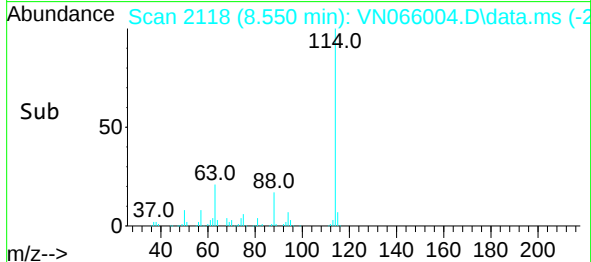
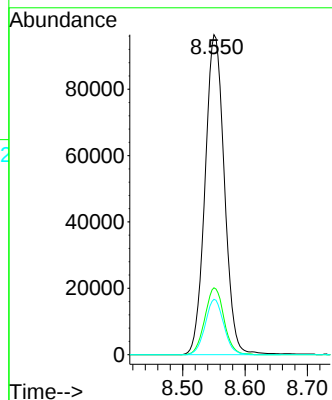
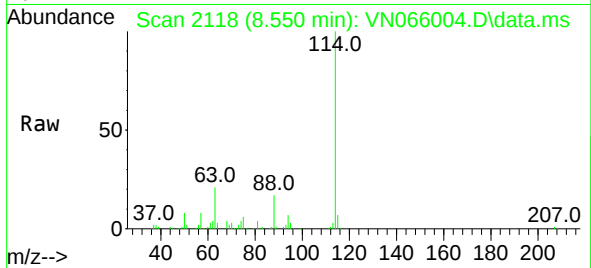




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

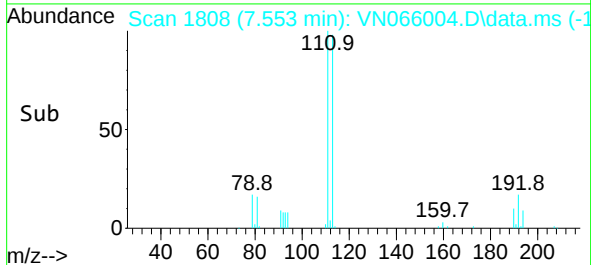
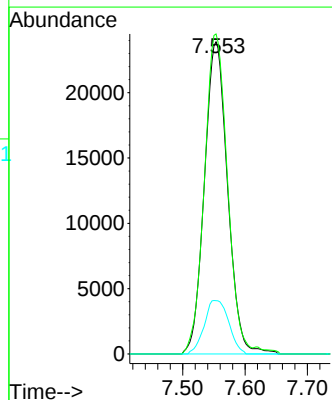
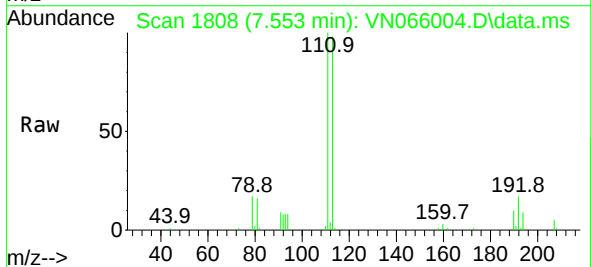
Instrument :
MSVOA_N
ClientSampleId :

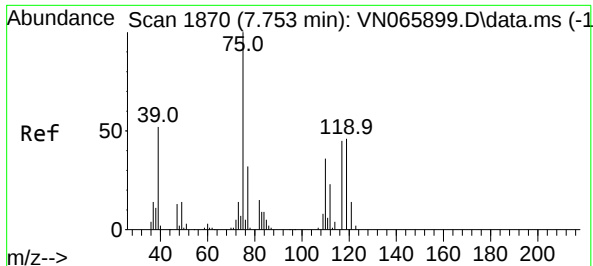
Tgt Ion:114 Resp: 207386
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 17.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.15 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Tgt Ion:113 Resp: 61795
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 18.0 15.4 23.0



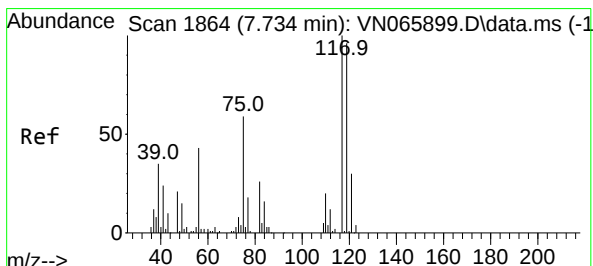
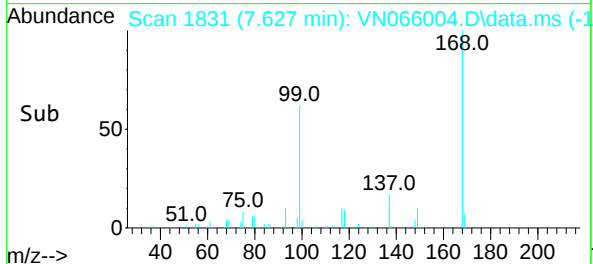
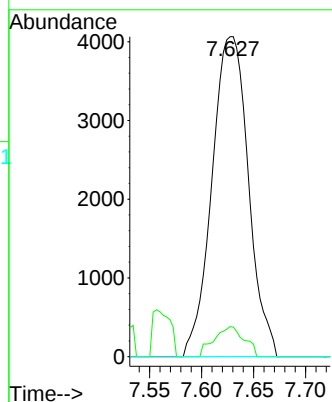
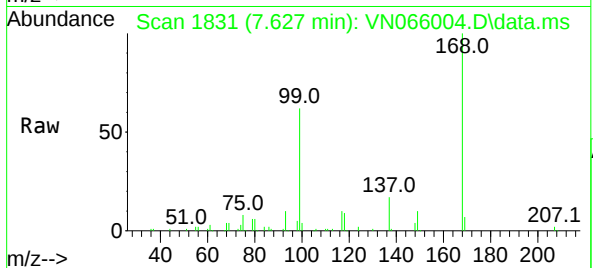


#36

1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Instrument :
MSVOA_N
ClientSampled :

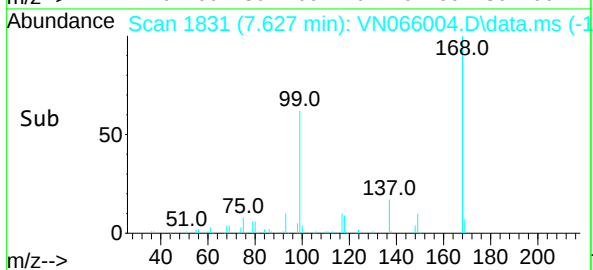
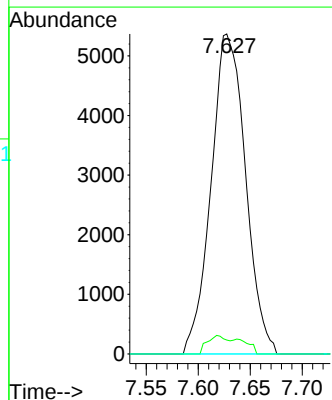
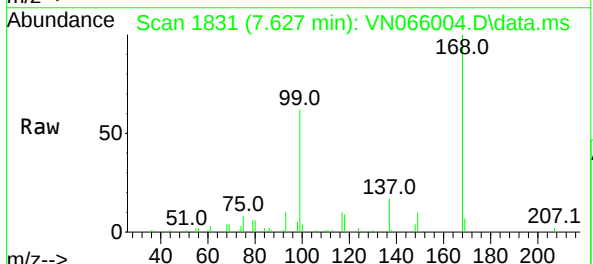
Tgt Ion: 75 Resp: 9918
Ion Ratio Lower Upper
75 100
110 7.8 18.2 54.6#
77 0.0 24.9 37.3#

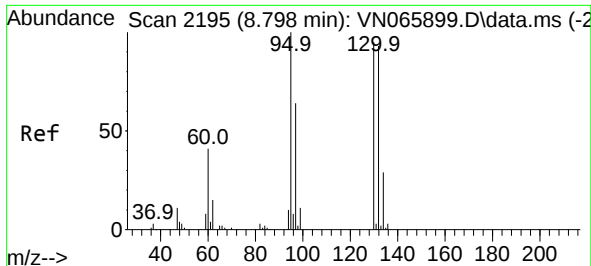


#38

Carbon Tetrachloride
Concen: 6.50 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Tgt Ion: 117 Resp: 12357
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.5 36.7#

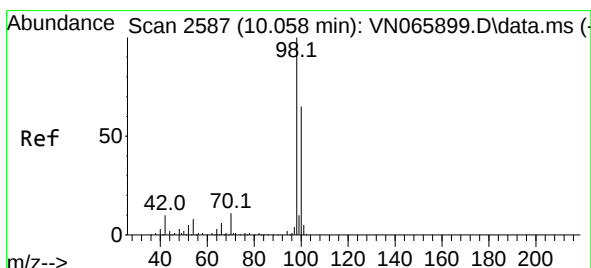
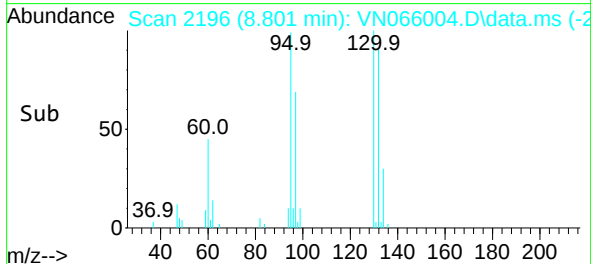
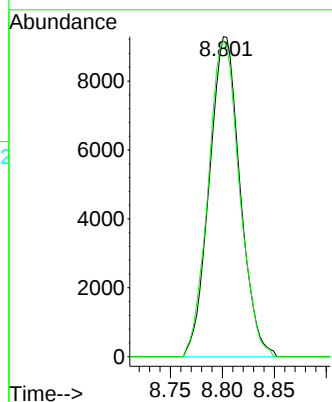
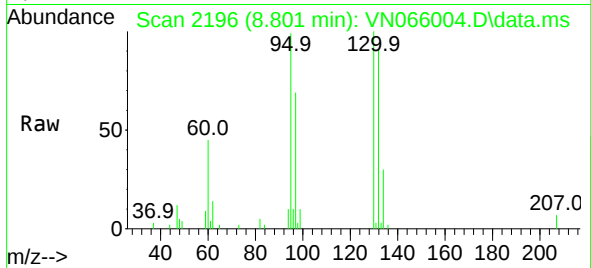




#44
Trichloroethene
Concen: 12.30 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

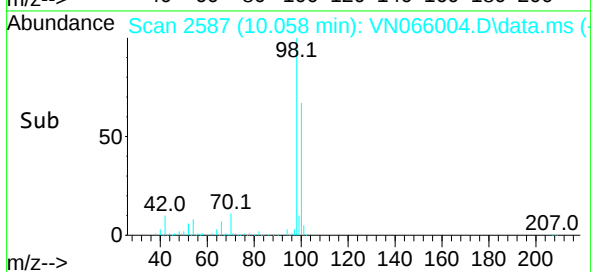
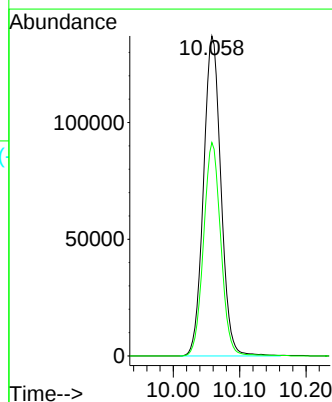
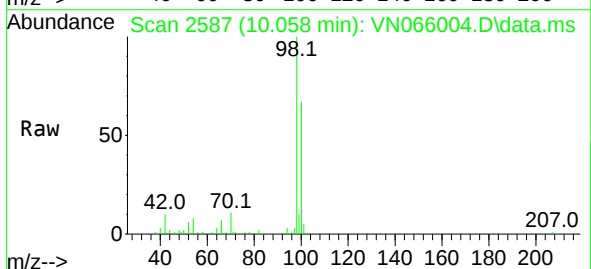
Instrument :
MSVOA_N
ClientSampled :

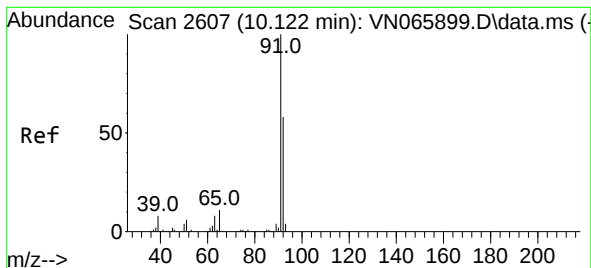
Tgt Ion:130 Resp: 19093
Ion Ratio Lower Upper
130 100
95 98.8 0.0 199.6



#50
Toluene-d8
Concen: 47.52 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Tgt Ion: 98 Resp: 250376
Ion Ratio Lower Upper
98 100
100 65.9 50.5 75.7





#52

Toluene

Concen: 8.67 ug/l

RT: 10.122 min Scan# 2607

Delta R.T. 0.000 min

Lab File: VN066004.D

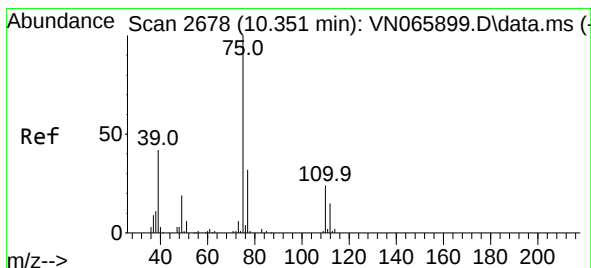
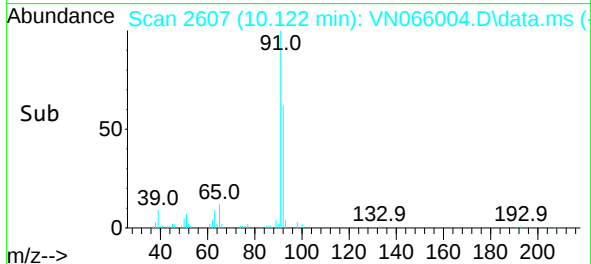
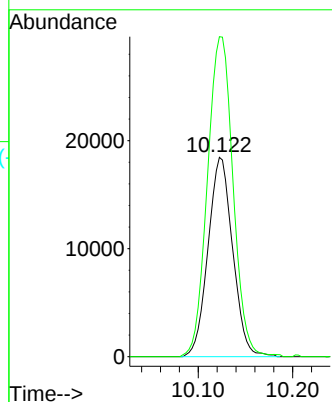
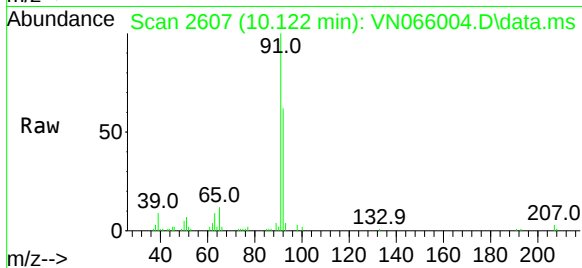
Acq: 24 Feb 2021 15:18

Tgt Ion: 92 Resp: 33416

Ion Ratio Lower Upper

92 100

91 167.0 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 2.12 ug/l

RT: 10.126 min Scan# 2608

Delta R.T. -0.225 min

Lab File: VN066004.D

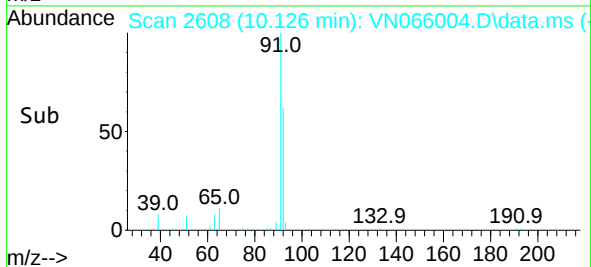
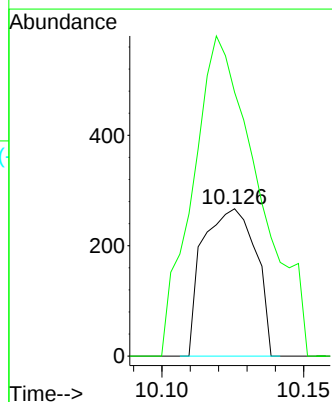
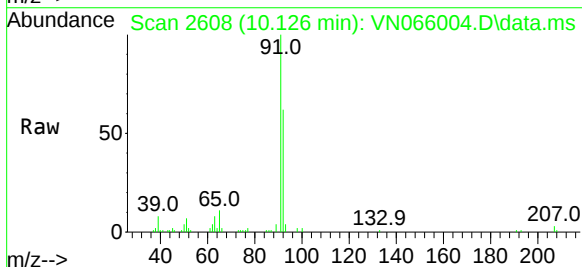
Acq: 24 Feb 2021 15:18

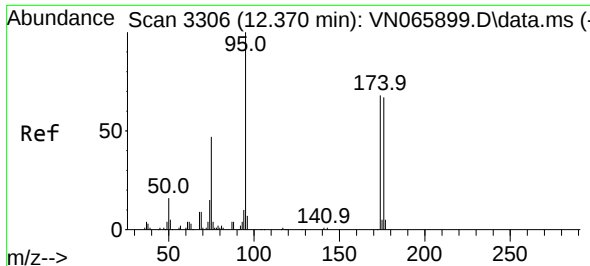
Tgt Ion: 75 Resp: 347

Ion Ratio Lower Upper

75 100

77 115.4 26.2 39.4#

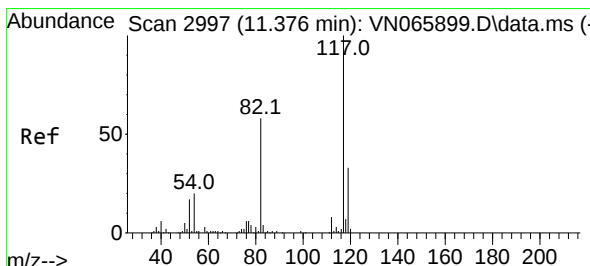
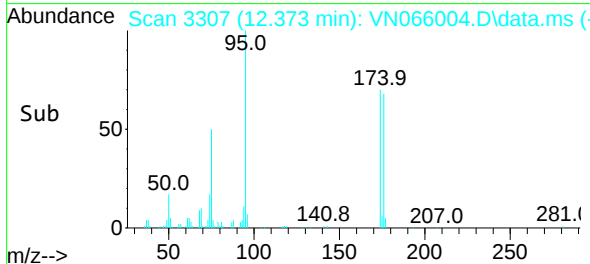
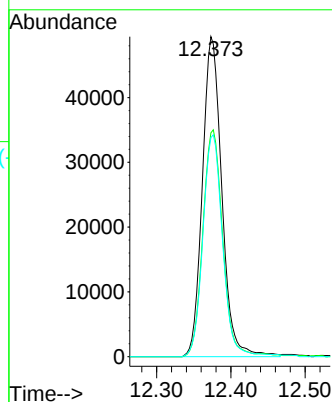
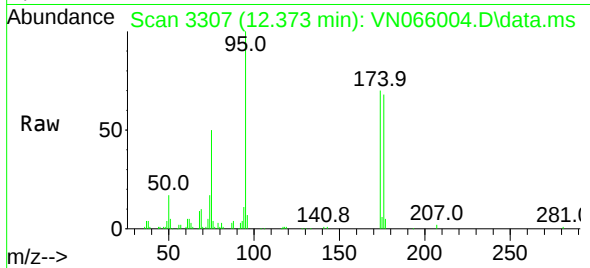




#62
4-Bromofluorobenzene
Concen: 45.50 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

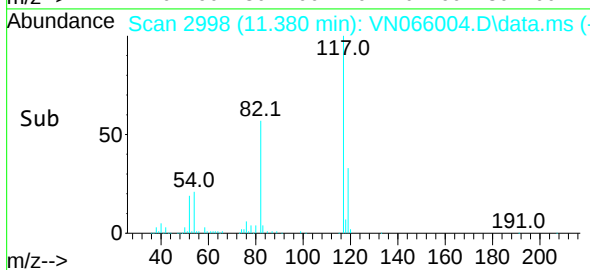
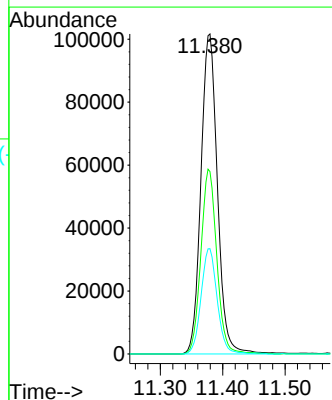
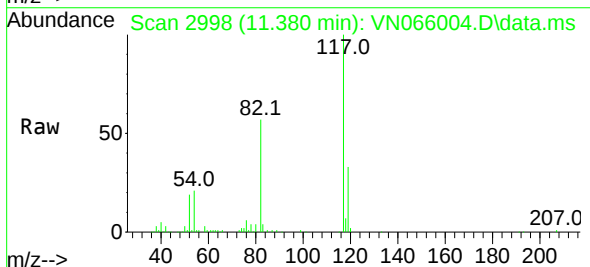
Instrument :
MSVOA_N
ClientSampleId :

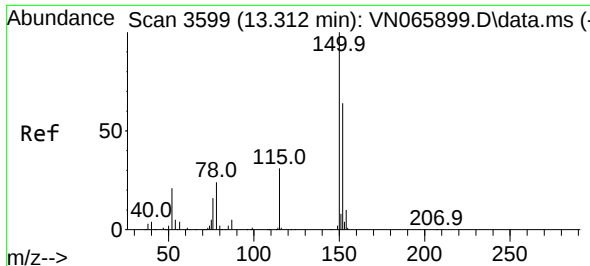
Tgt Ion: 95 Resp: 89993
Ion Ratio Lower Upper
95 100
174 71.7 0.0 169.0
176 70.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Tgt Ion: 117 Resp: 187066
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.9 26.1 39.1

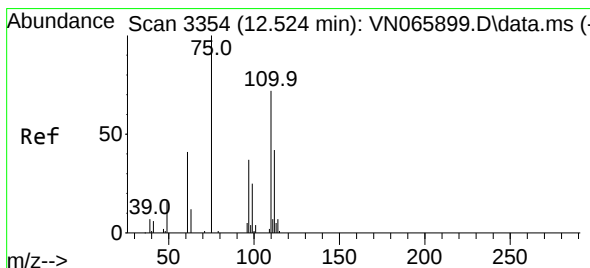
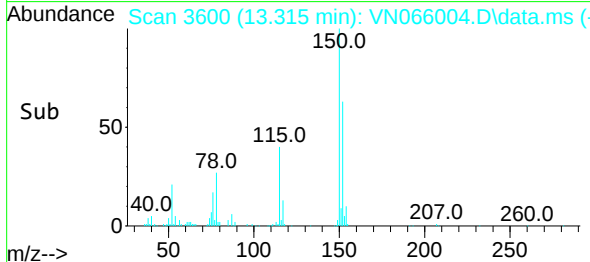
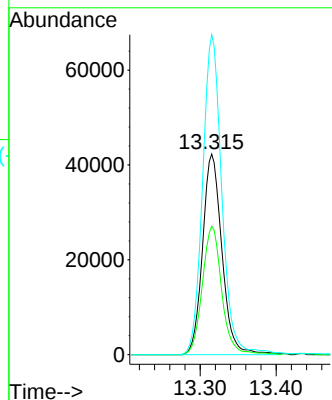
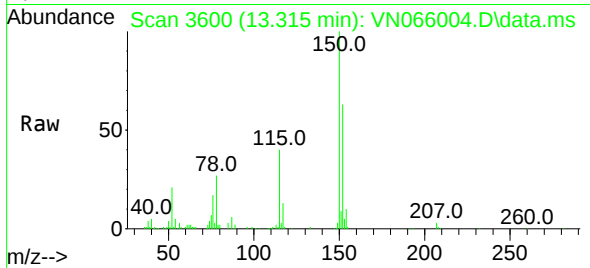




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066004.D
 Acq: 24 Feb 2021 15:18

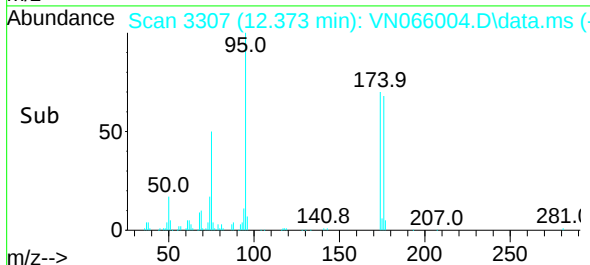
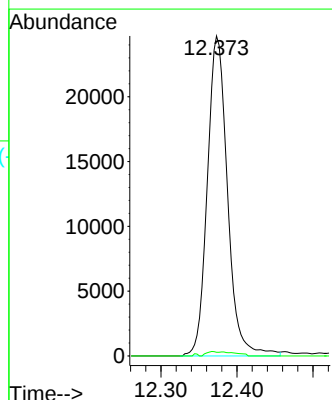
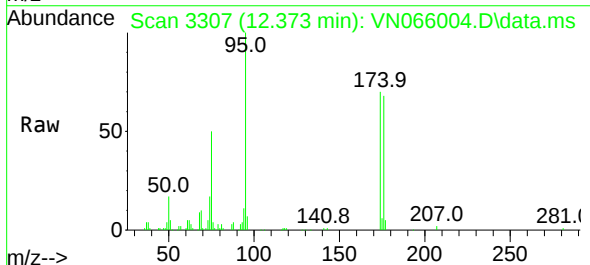
Instrument :
 MSVOA_N
 ClientSampled :

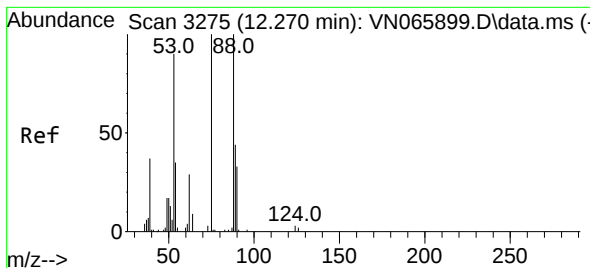
Tgt Ion:152 Resp: 75224
 Ion Ratio Lower Upper
 152 100
 115 64.0 28.5 85.6
 150 158.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 25.22 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066004.D
 Acq: 24 Feb 2021 15:18

Tgt Ion: 75 Resp: 45579
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#

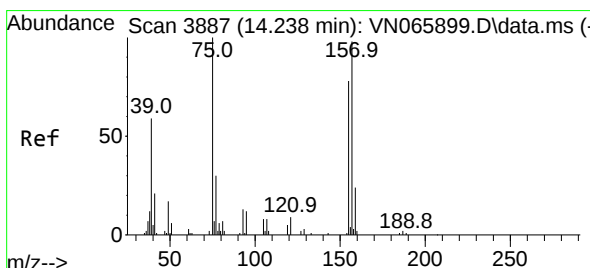
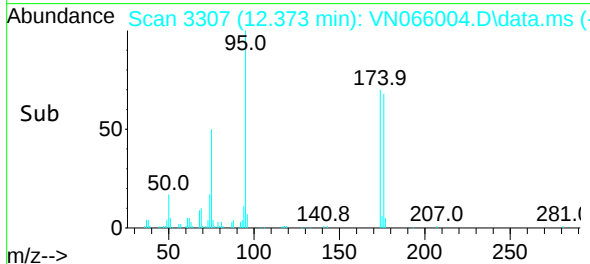
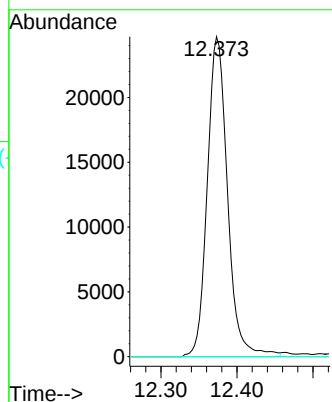
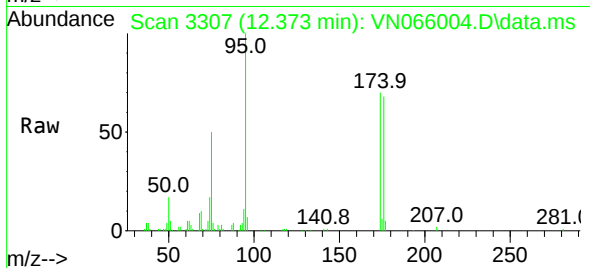




#81
trans-1,4-Dichloro-2-butene
Concen: 80.38 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

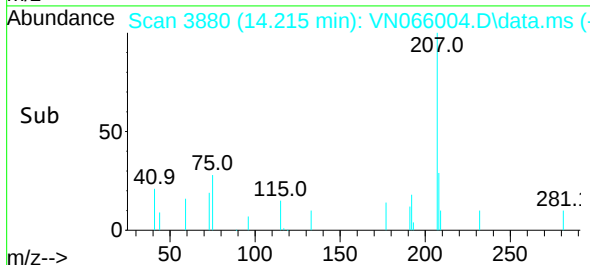
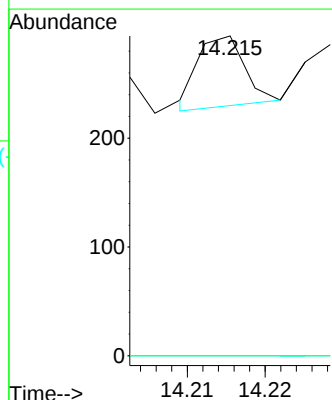
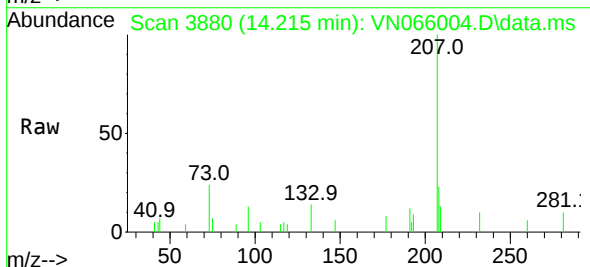
Instrument :
MSVOA_N
ClientSampled :

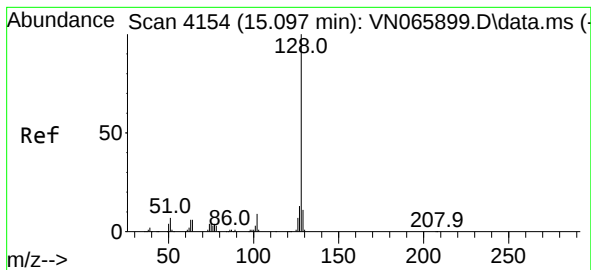
Tgt Ion: 75 Resp: 45579
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.92 ug/l
RT: 14.215 min Scan# 3880
Delta R.T. -0.023 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.07 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066004.D
Acq: 24 Feb 2021 15:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 67
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

