

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
 Data File : VN066531.D
 Acq On : 8 Apr 2021 11:08
 Operator : JC/MD
 Sample : VN0408WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 04:31:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

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

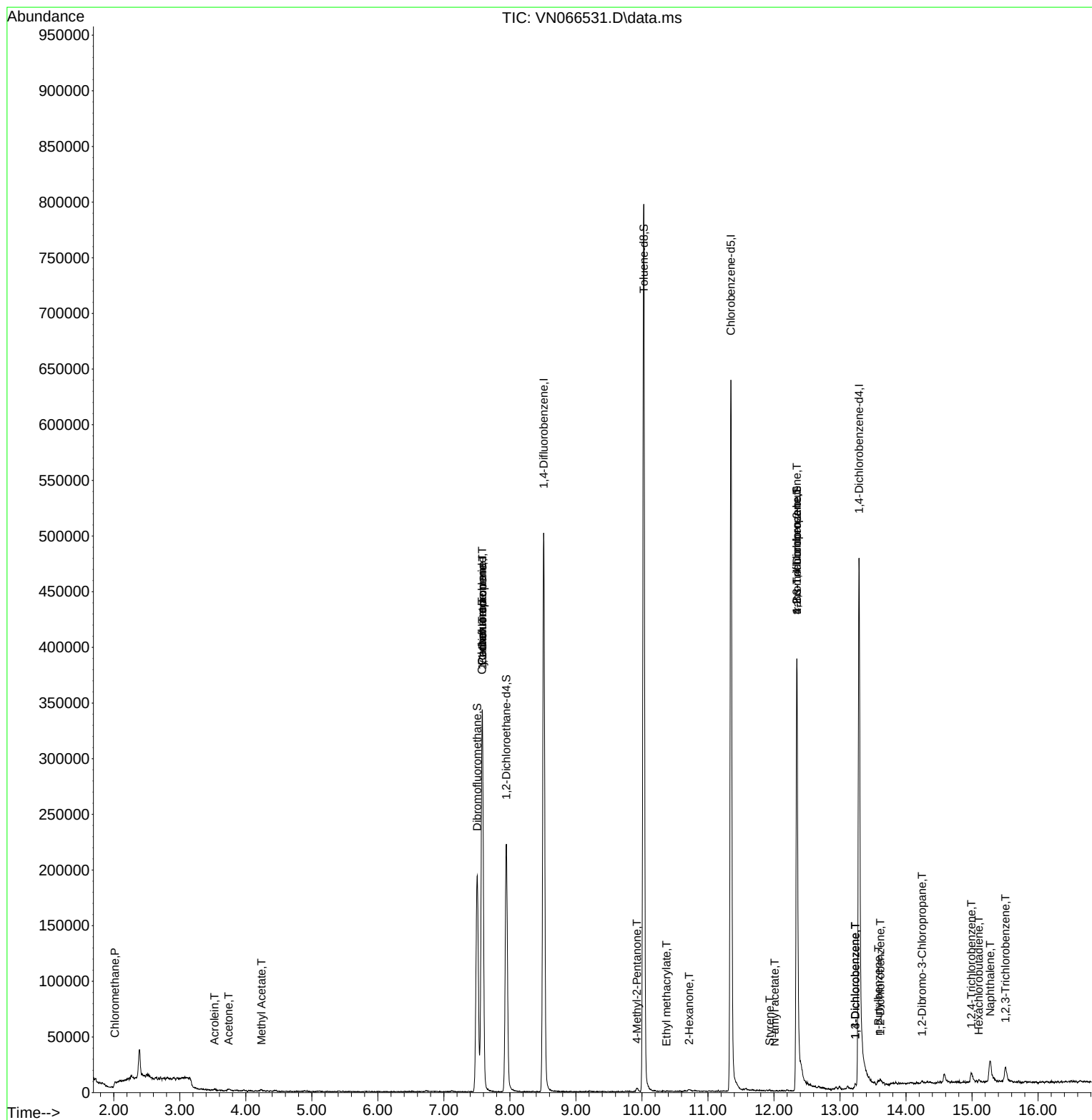
Internal Standards						
1) Pentafluorobenzene	7.582	168	290931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	440515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	386148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	160028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	190573	49.74	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.48%		
35) Dibromofluoromethane	7.507	113	149174	49.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.36%		
50) Toluene-d8	10.028	98	546509	47.91	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.82%		
62) 4-Bromofluorobenzene	12.348	95	155935	42.15	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.30%		
Target Compounds						Qvalue
3) Chloromethane	2.017	50	1367	0.32	ug/l	97
13) Acrolein	3.527	56	1309	7.51	ug/l #	37
16) Acetone	3.739	43	2003	1.25	ug/l	98
18) Methyl Acetate	4.237	43	1203	0.30	ug/l	93
31) Cyclohexane	7.579	56	6139	1.16	ug/l #	11
36) 1,1-Dichloropropene	7.584	75	22285	5.21	ug/l #	47
38) Carbon Tetrachloride	7.582	117	26672	6.15	ug/l #	17
51) 4-Methyl-2-Pentanone	9.926	43	3384	0.69	ug/l #	61
56) Ethyl methacrylate	10.374	69	85	3.73	ug/l #	11
59) 2-Hexanone	10.714	43	727	17.29	ug/l	88
70) Styrene	11.935	104	358	2.82	ug/l #	37
74) N-amyl acetate	12.012	43	134	12.75	ug/l #	45
76) 1,2,3-Trichloropropane	12.348	75	77197	21.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.348	75	77197	59.67	ug/l #	12
87) 1,3-Dichlorobenzene	13.230	146	1224	0.23	ug/l	91
88) 1,4-Dichlorobenzene	13.230	146	1224	1.22	ug/l	92
89) n-Butylbenzene	13.581	91	1715	0.20	ug/l	94
91) 1,2-Dichlorobenzene	13.611	146	1231	0.24	ug/l	76
92) 1,2-Dibromo-3-Chloropr...	14.244	75	143	0.51	ug/l	86
93) 1,2,4-Trichlorobenzene	14.992	180	4882	3.67	ug/l	87
94) Hexachlorobutadiene	15.105	225	364	0.20	ug/l #	54
95) Naphthalene	15.276	128	26839	4.72	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.507	180	4133	2.88	ug/l	76

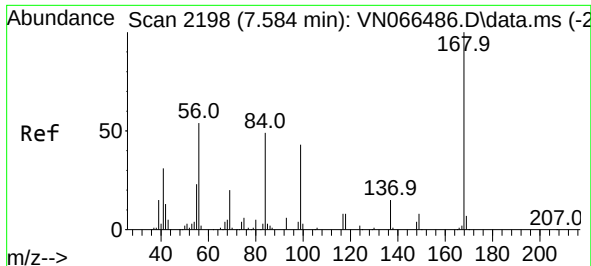
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
Data File : VN066531.D
Acq On : 8 Apr 2021 11:08
Operator : JC/MD
Sample : VN0408WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 09 04:31:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
Response via : Initial Calibration

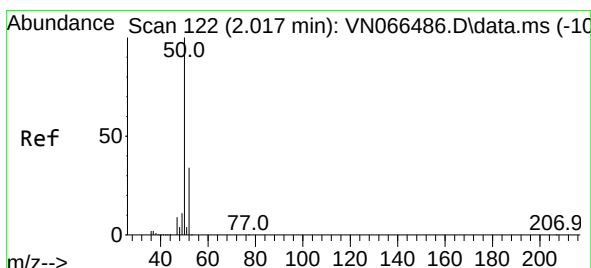
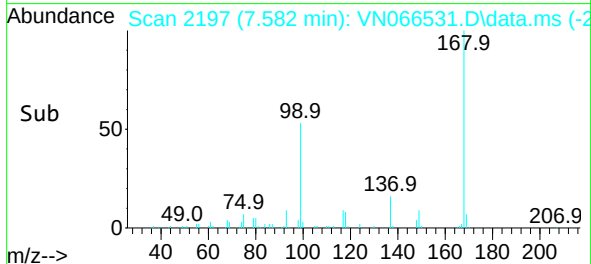
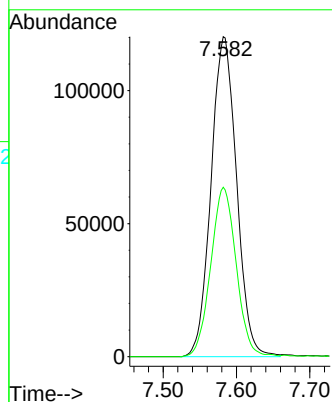
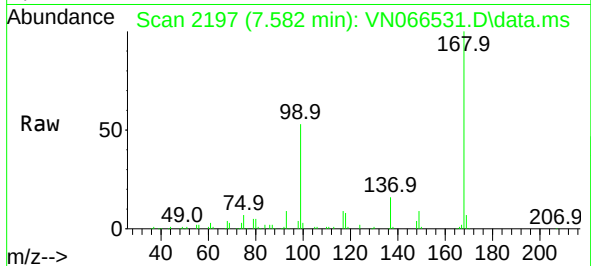




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.002 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

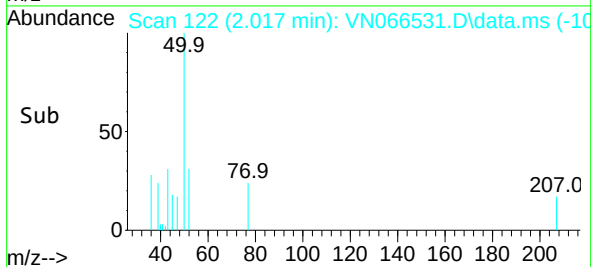
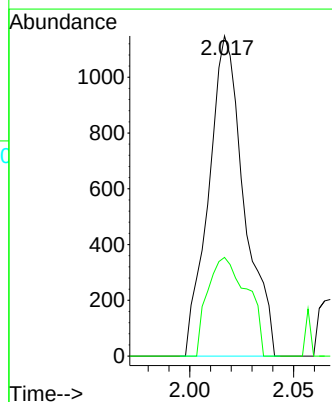
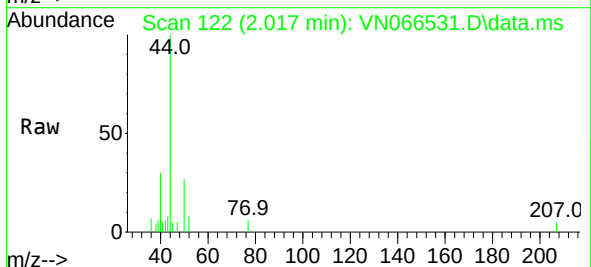
Instrument :
MSVOA_N
ClientSampleId :

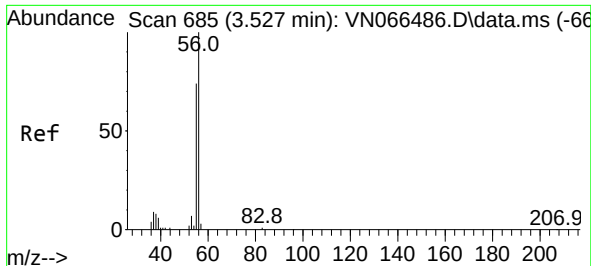
Tgt Ion:168 Resp: 290931
Ion Ratio Lower Upper
168 100
99 52.9 41.1 61.7



#3
Chloromethane
Concen: 0.32 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

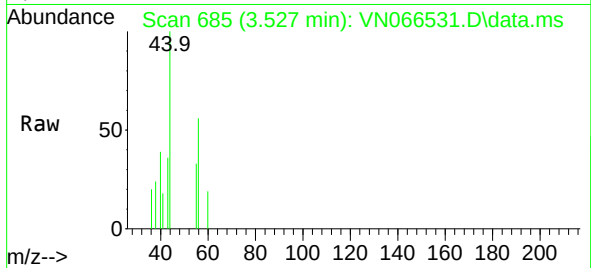
Tgt Ion: 50 Resp: 1367
Ion Ratio Lower Upper
50 100
52 30.8 26.2 39.2



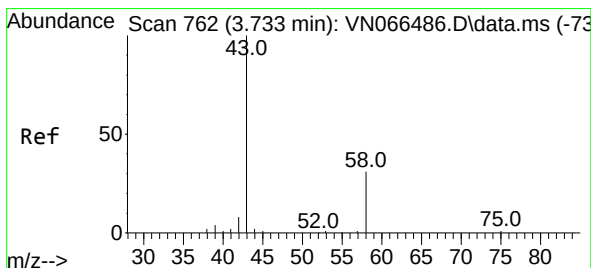
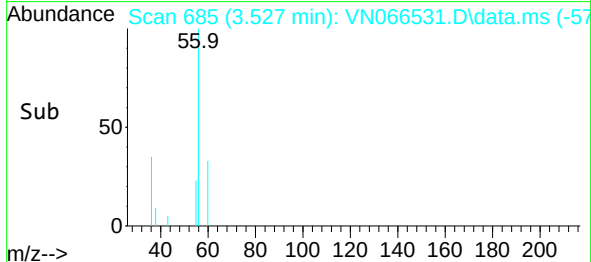
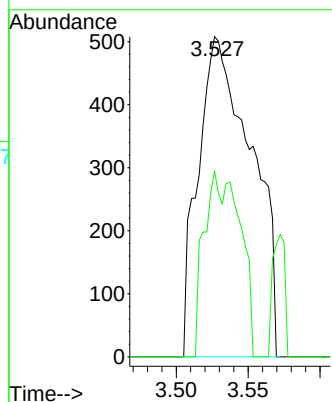


#13
Acrolein
Concen: 7.51 ug/l
RT: 3.527 min Scan# 685
Delta R.T. -0.000 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

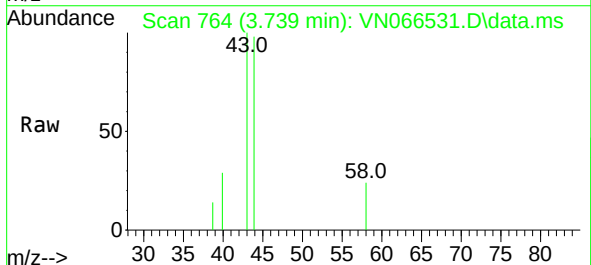
Instrument :
MSVOA_N
ClientSampled :



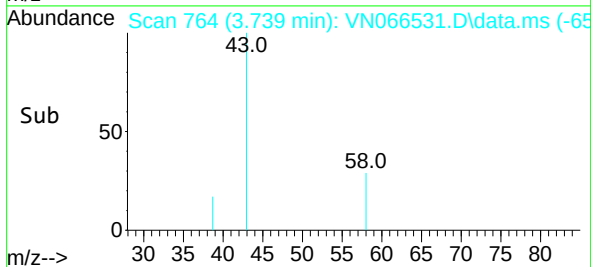
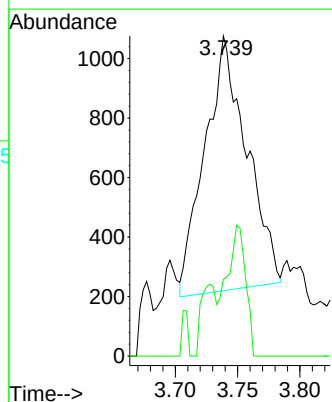
Tgt Ion: 56 Resp: 1309
Ion Ratio Lower Upper
56 100
55 20.2 57.9 86.9#

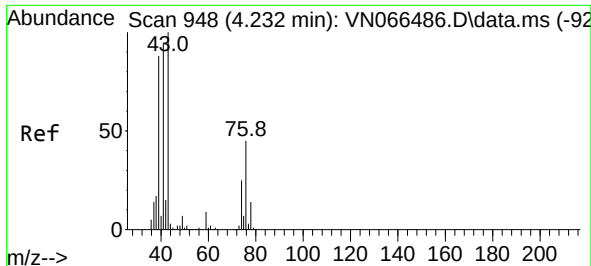


#16
Acetone
Concen: 1.25 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.006 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08



Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.8

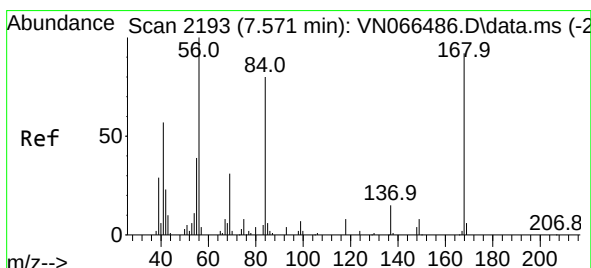
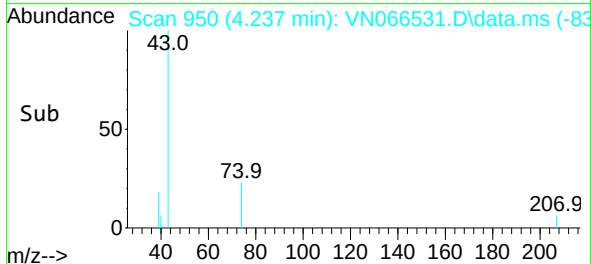
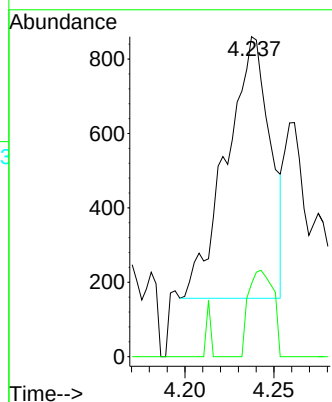
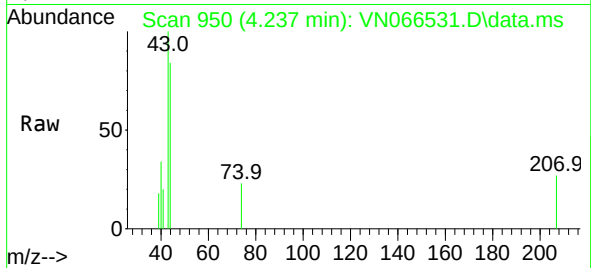




#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.005 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

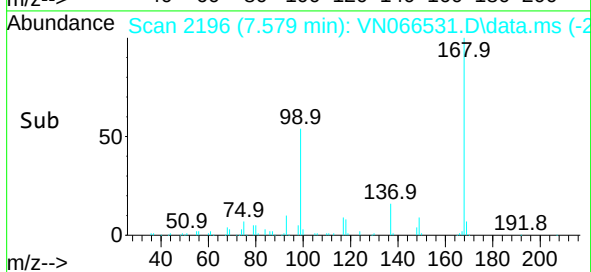
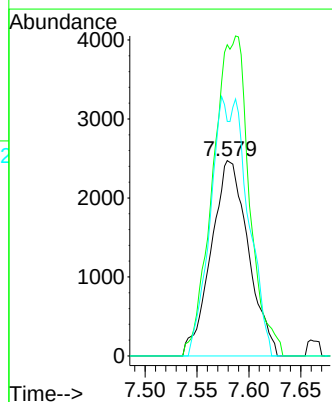
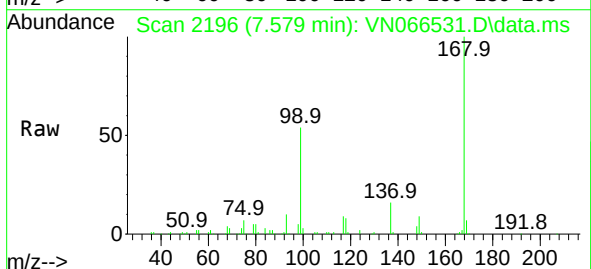
Instrument :
MSVOA_N
ClientSampled :

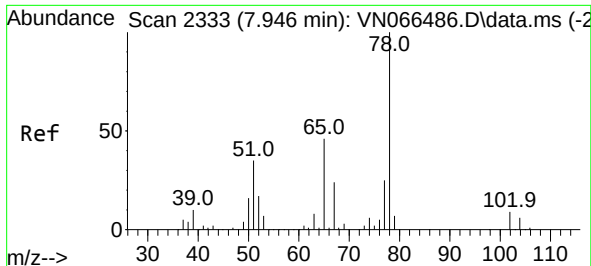
Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
74 18.6 17.6 26.4



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.008 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

Tgt Ion: 56 Resp: 6139
Ion Ratio Lower Upper
56 100
69 159.3 26.6 40.0#
84 120.1 68.7 103.1#

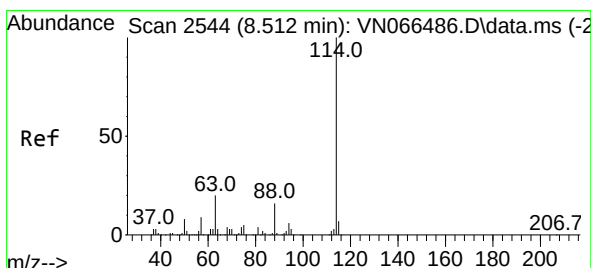
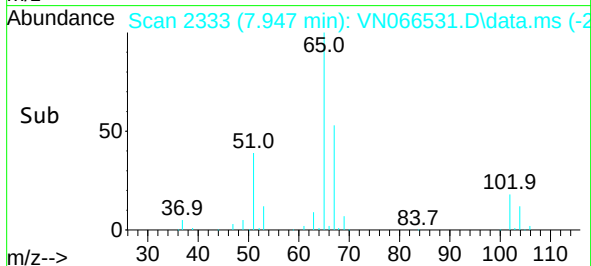
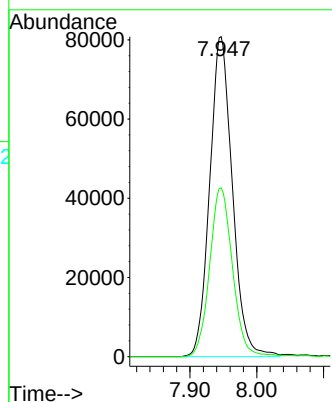
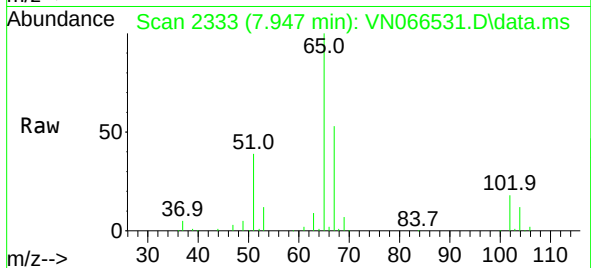




#33
 1,2-Dichloroethane-d4
 Concen: 49.74 ug/l
 RT: 7.947 min Scan# 2333
 Delta R.T. 0.001 min
 Lab File: VN066531.D
 Acq: 8 Apr 2021 11:08

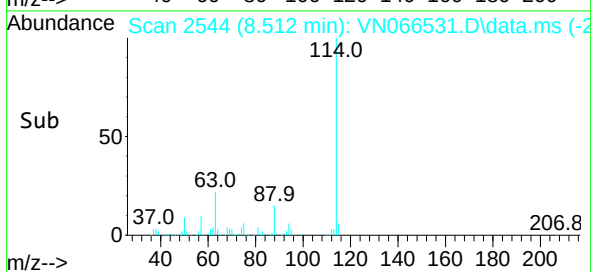
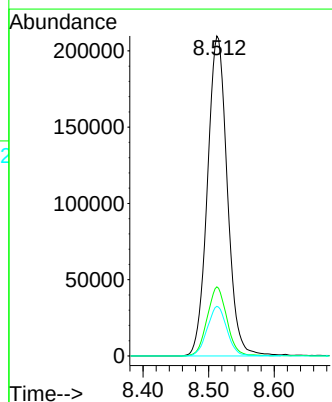
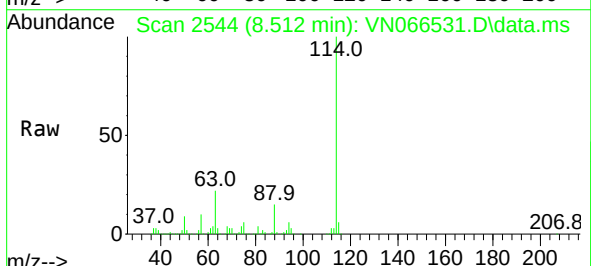
Instrument :
 MSVOA_N
 ClientSampled :

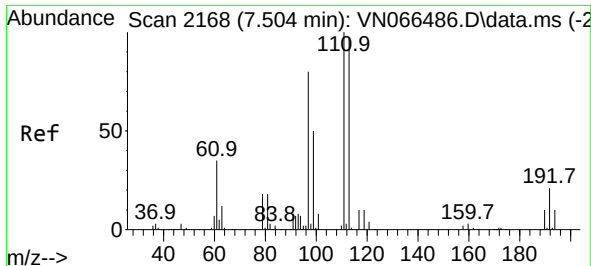
Tgt Ion: 65 Resp: 190573
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.512 min Scan# 2544
 Delta R.T. 0.000 min
 Lab File: VN066531.D
 Acq: 8 Apr 2021 11:08

Tgt Ion: 114 Resp: 440515
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.0
 88 15.5 0.0 31.0

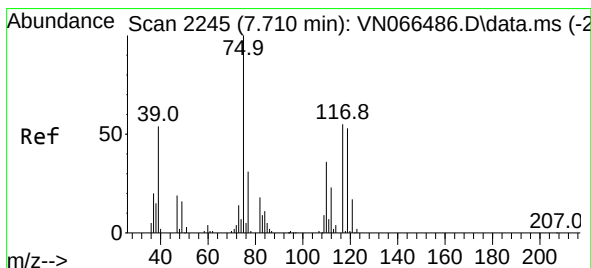
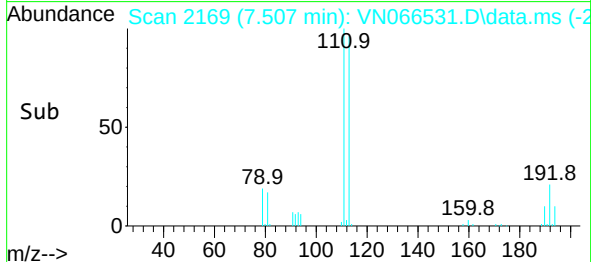
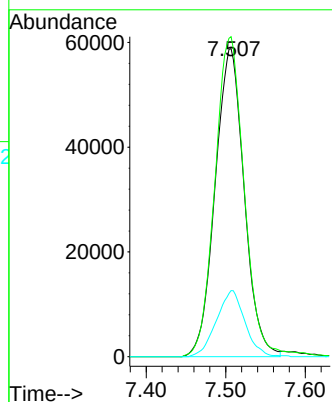
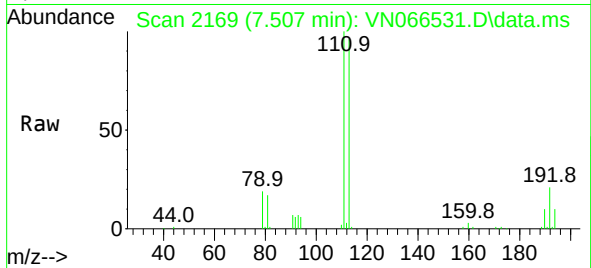




#35
Dibromofluoromethane
Concen: 49.68 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. 0.003 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

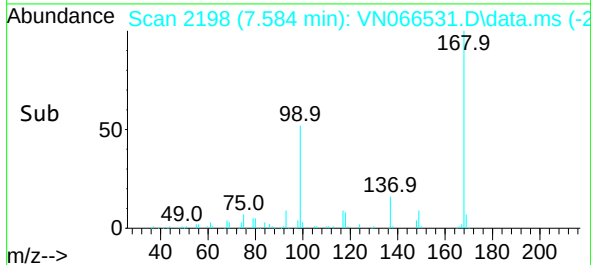
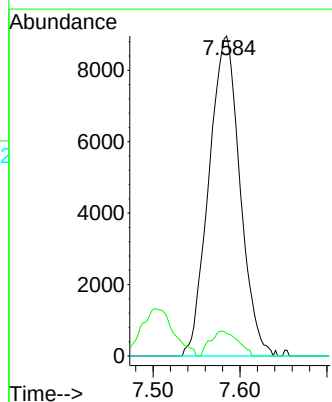
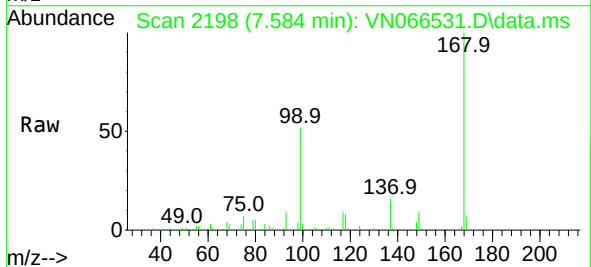
Instrument :
MSVOA_N
ClientSampled :

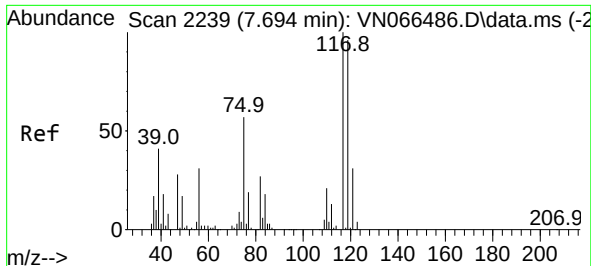
Tgt Ion:113 Resp: 149174
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.8
192 21.2 17.1 25.7



#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.126 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

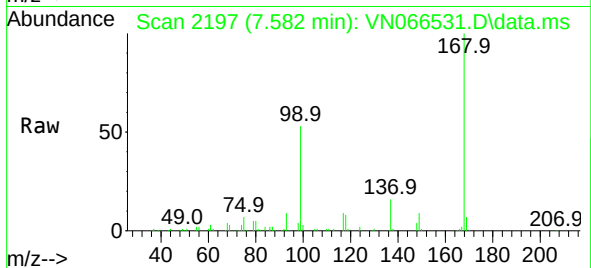
Tgt Ion: 75 Resp: 22285
Ion Ratio Lower Upper
75 100
110 6.8 18.1 54.3#
77 0.0 25.0 37.4#



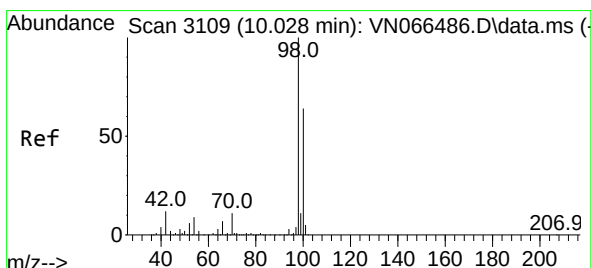
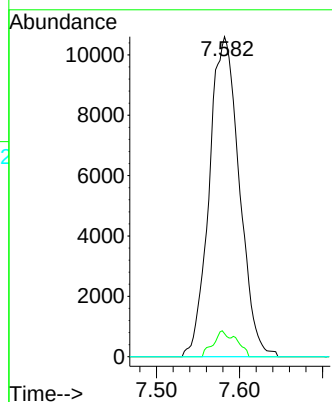
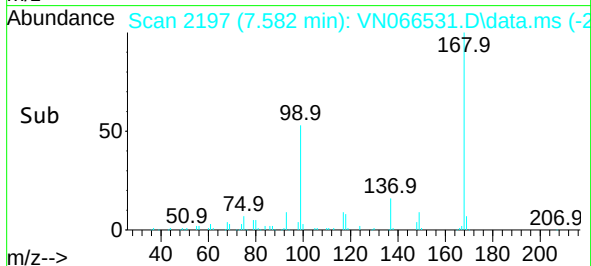


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.112 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

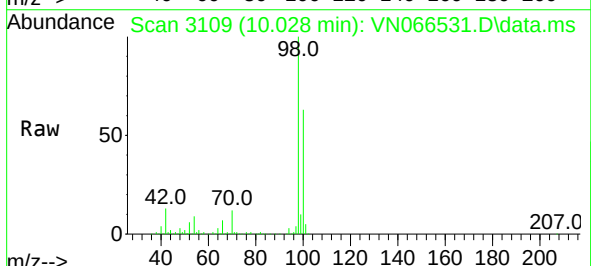
Instrument :
MSVOA_N
ClientSampled :



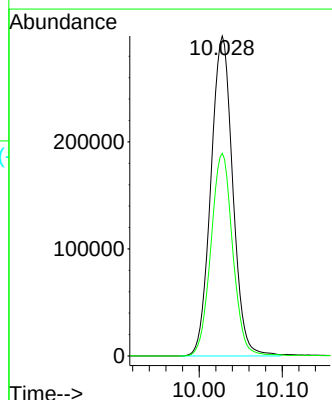
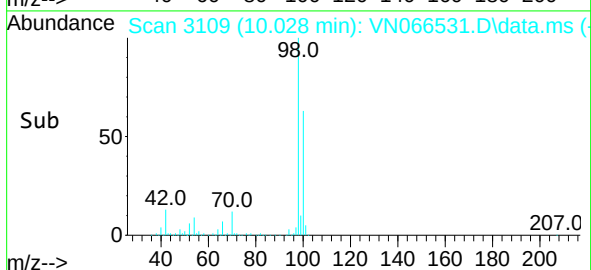
Tgt Ion:117 Resp: 26672
Ion Ratio Lower Upper
117 100
119 7.2 77.2 115.8#
121 0.0 24.2 36.4#

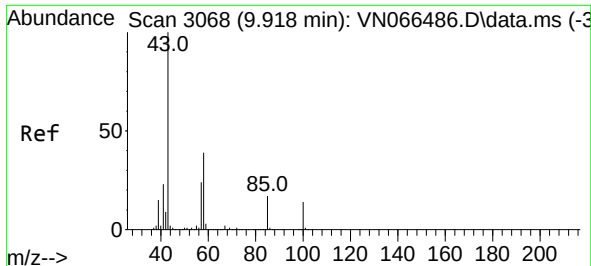


#50
Toluene-d8
Concen: 47.91 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08



Tgt Ion: 98 Resp: 546509
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

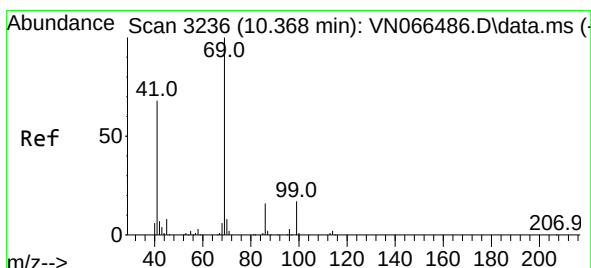
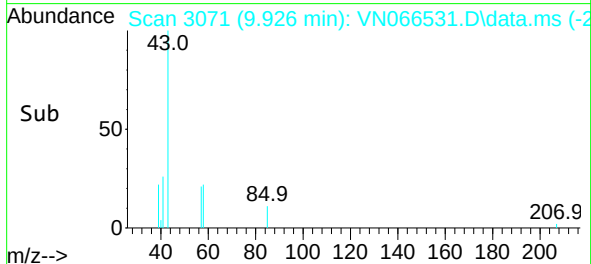
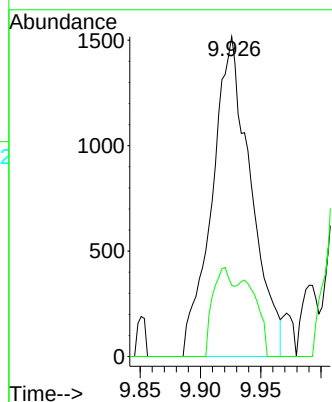
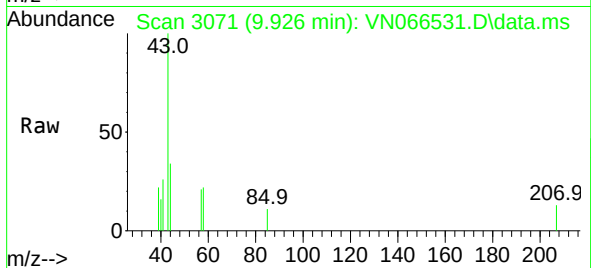




#51
4-Methyl-2-Pentanone
Concen: 0.69 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.008 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

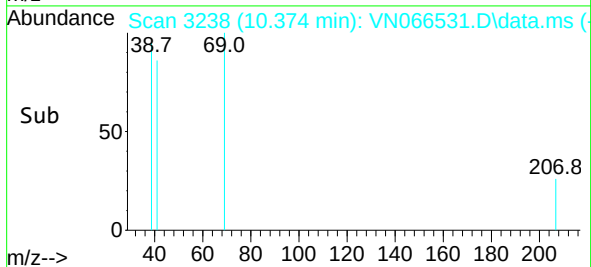
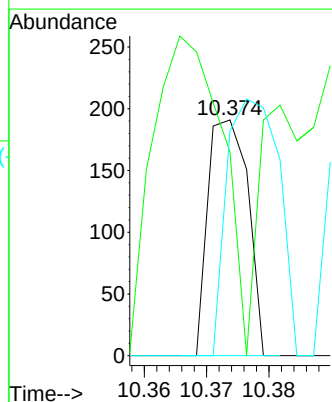
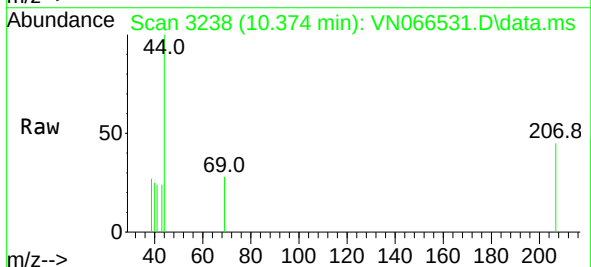
Instrument :
MSVOA_N
ClientSampled :

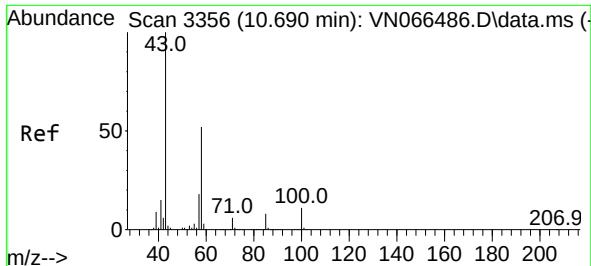
Tgt Ion: 43 Resp: 3384
Ion Ratio Lower Upper
43 100
58 14.7 30.8 46.2#



#56
Ethyl methacrylate
Concen: 3.73 ug/l
RT: 10.374 min Scan# 3238
Delta R.T. 0.006 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

Tgt Ion: 69 Resp: 85
Ion Ratio Lower Upper
69 100
41 107.1 55.3 82.9#
39 142.4 33.8 50.6#

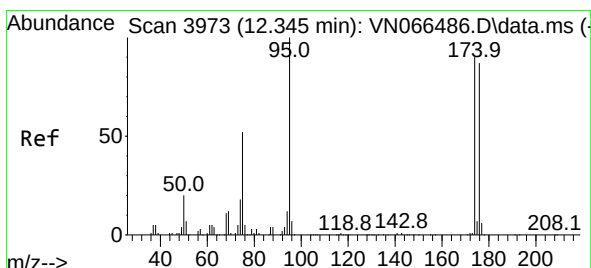
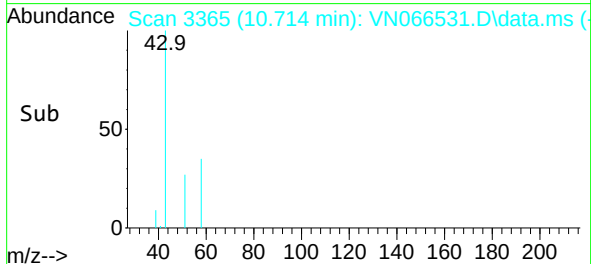
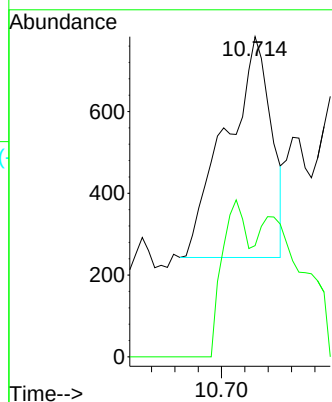
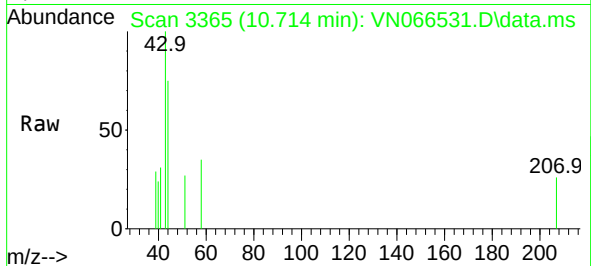




#59
2-Hexanone
Concen: 17.29 ug/l
RT: 10.714 min Scan# 3365
Delta R.T. 0.024 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

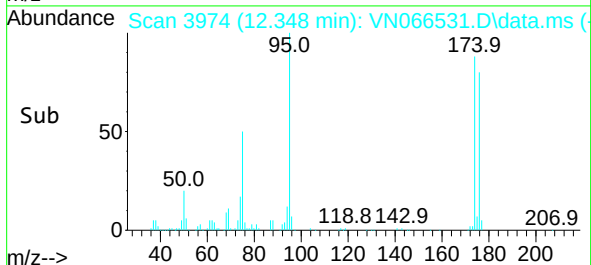
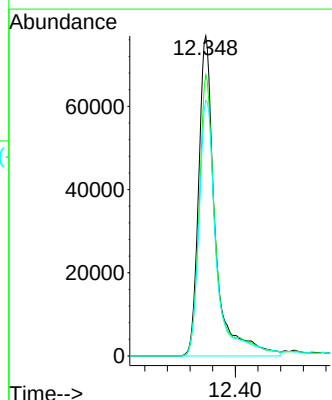
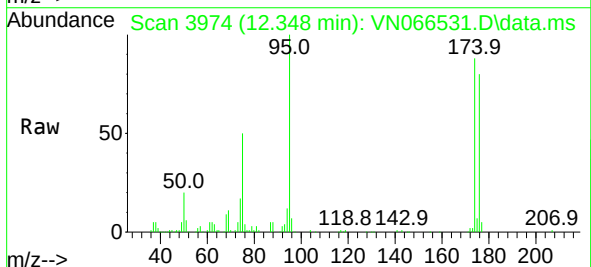
Instrument :
MSVOA_N
ClientSampleId :

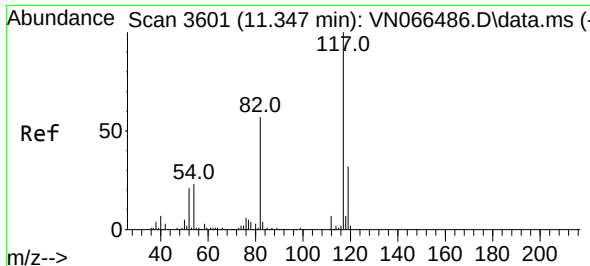
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 62.0 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 42.15 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

Tgt Ion: 95 Resp: 155935
Ion Ratio Lower Upper
95 100
174 89.5 0.0 172.2
176 84.1 0.0 167.8

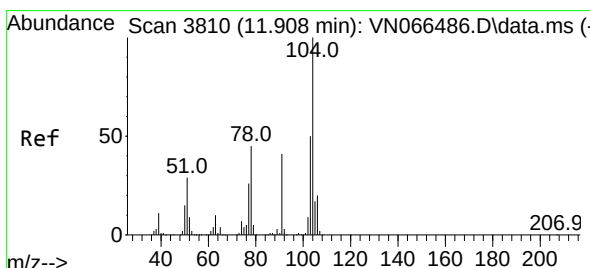
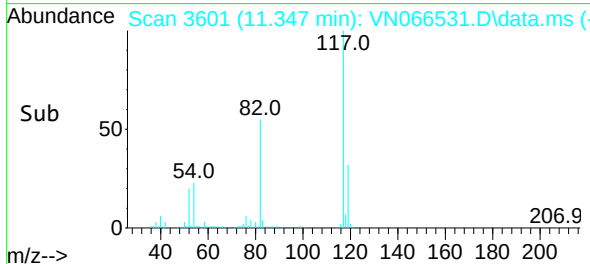
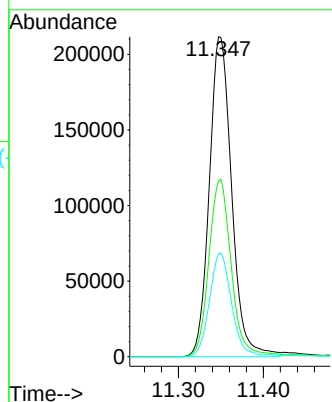
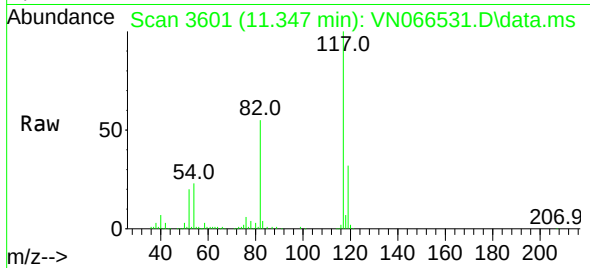




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

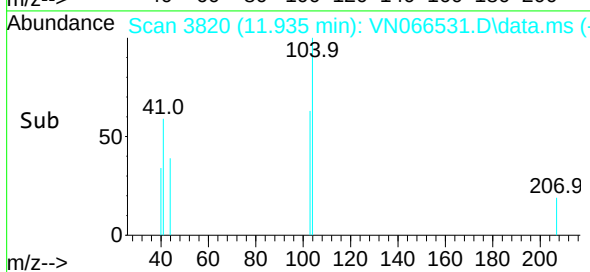
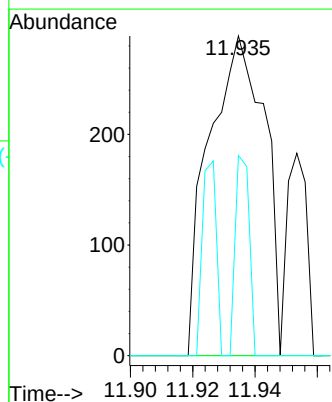
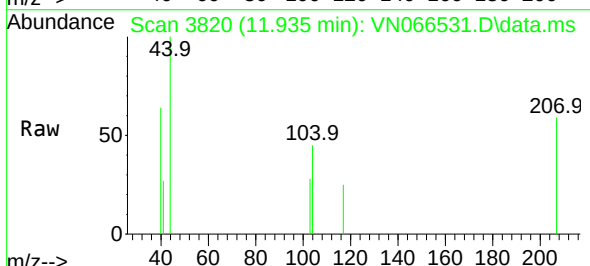
Instrument :
MSVOA_N
ClientSampleId :

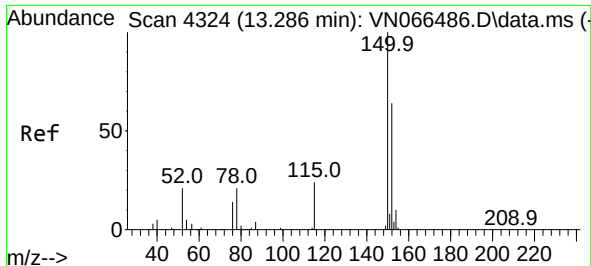
Tgt Ion:117 Resp: 386148
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.4
119 32.1 25.8 38.6



#70
Styrene
Concen: 2.82 ug/l
RT: 11.935 min Scan# 3820
Delta R.T. 0.027 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

Tgt Ion:104 Resp: 358
Ion Ratio Lower Upper
104 100
78 0.0 40.7 61.1#
103 15.9 44.2 66.2#

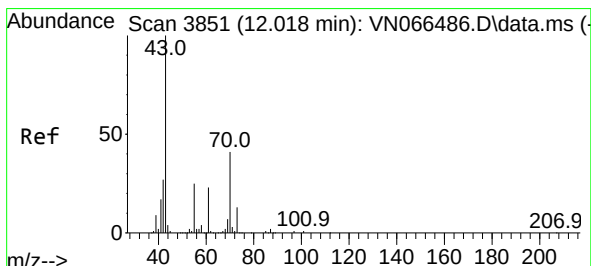
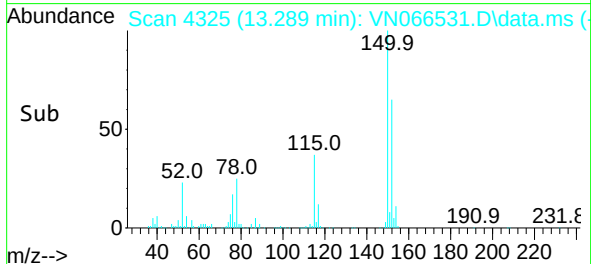
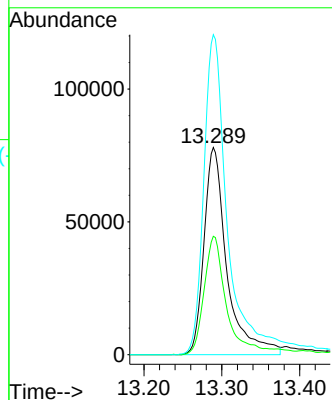
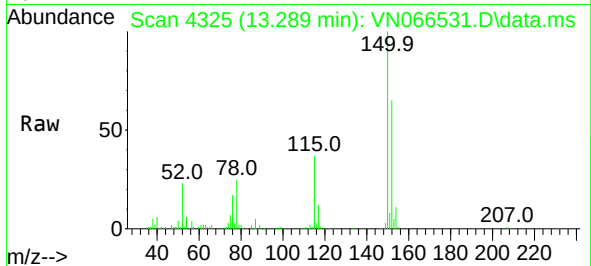




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

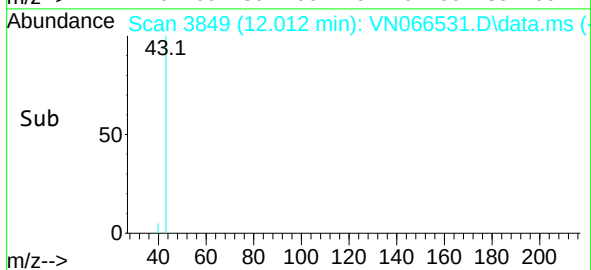
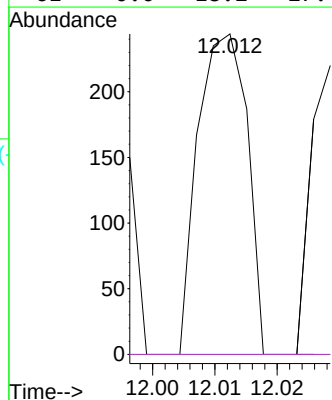
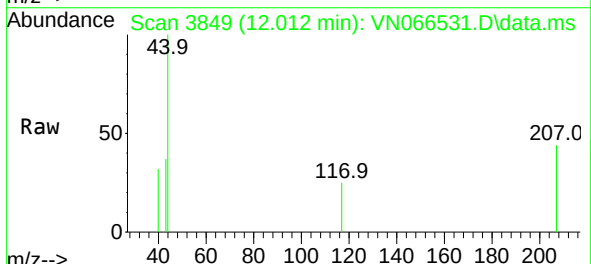
Instrument :
MSVOA_N
ClientSampleId :

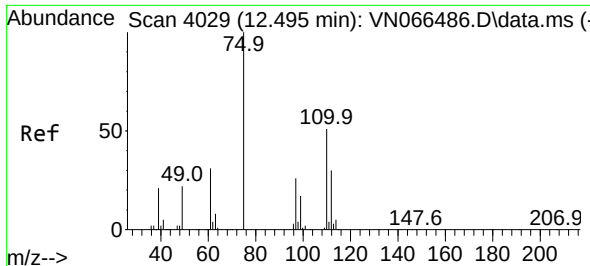
Tgt Ion:152 Resp: 160028
Ion Ratio Lower Upper
152 100
115 57.6 27.8 83.4
150 167.5 0.0 348.4



#74
N-ethyl acetate
Concen: 12.75 ug/l
RT: 12.012 min Scan# 3849
Delta R.T. -0.006 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

Tgt Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#

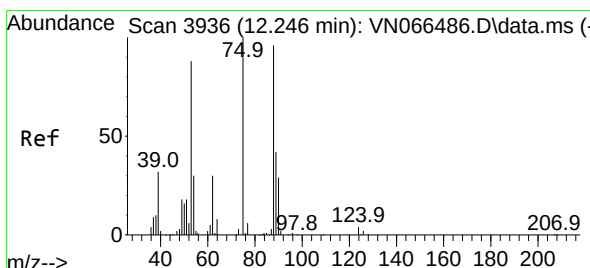
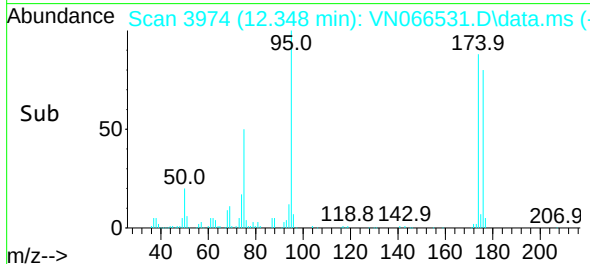
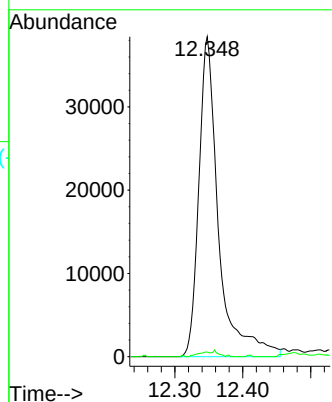
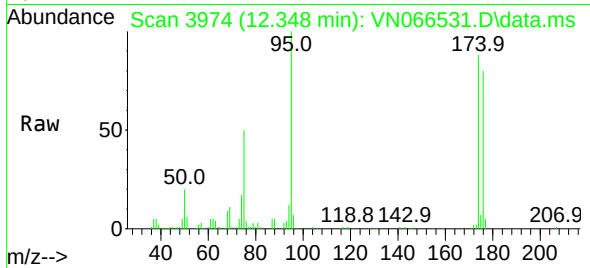




#76
1,2,3-Trichloropropane
Concen: 21.38 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. -0.147 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

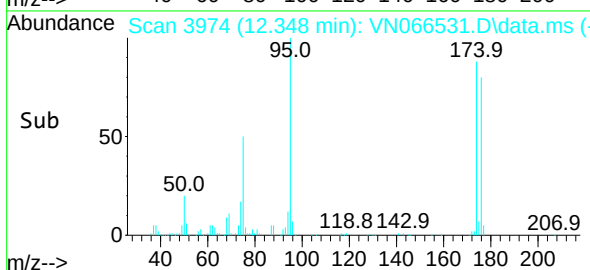
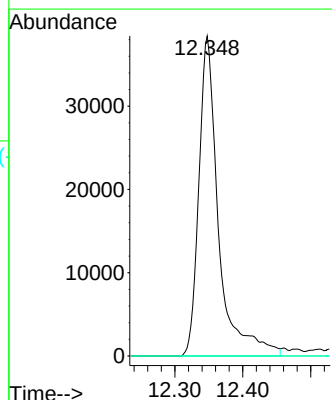
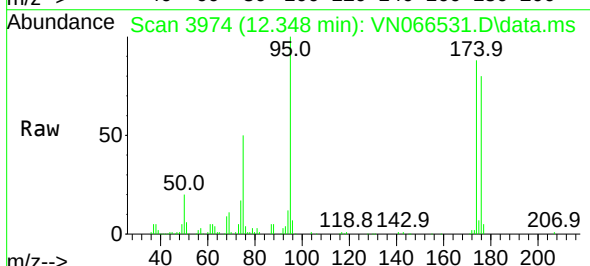
Instrument :
MSVOA_N
ClientSampleId :

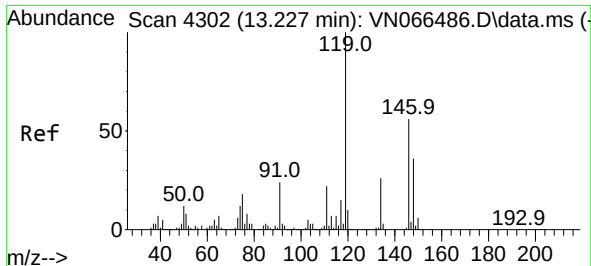
Tgt Ion: 75 Resp: 77197
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.67 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

Tgt Ion: 75 Resp: 77197
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#

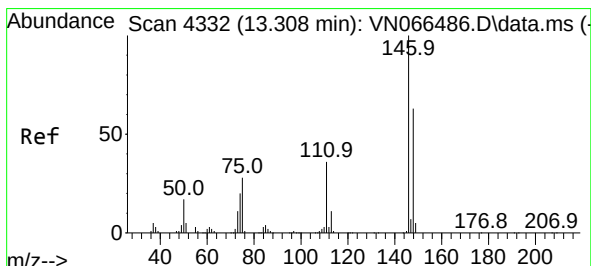
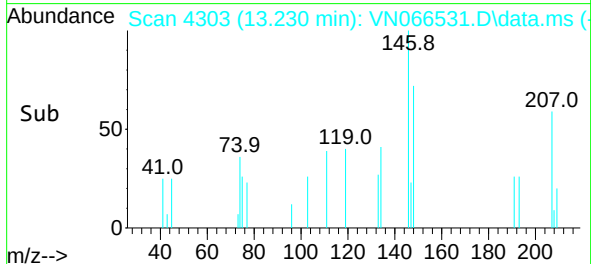
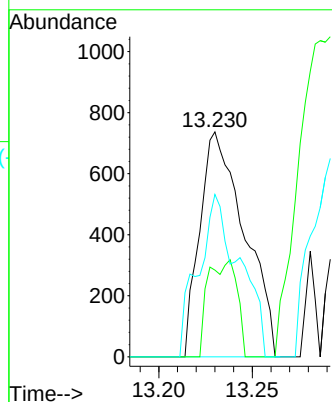
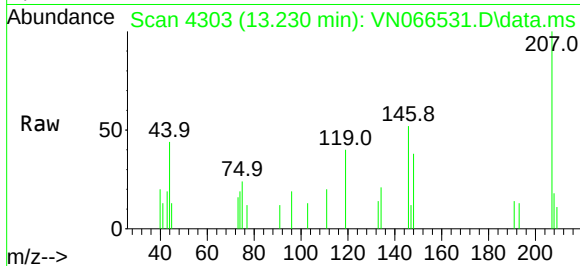




#87
1,3-Dichlorobenzene
Concen: 0.23 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. 0.003 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

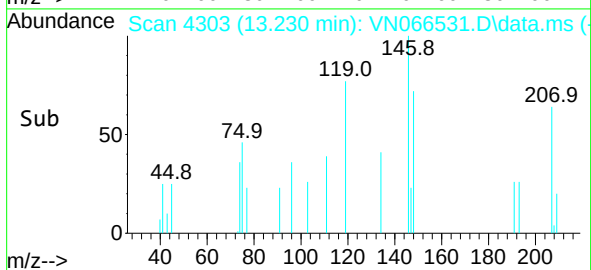
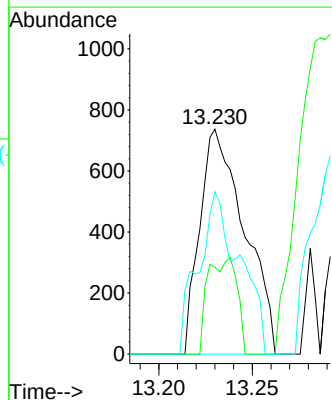
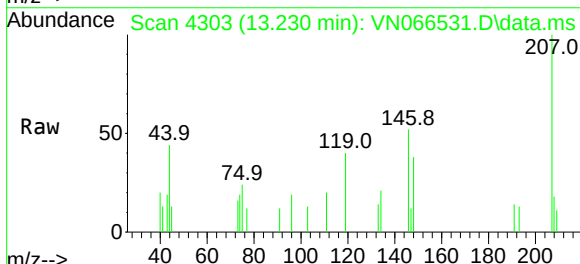
Instrument :
MSVOA_N
ClientSampled :

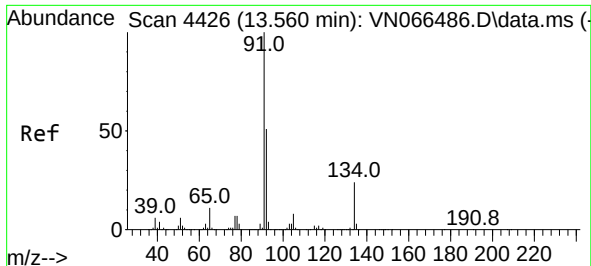
Tgt Ion:146 Resp: 1224
Ion Ratio Lower Upper
146 100
111 27.9 19.4 58.1
148 66.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 1.22 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. -0.078 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

Tgt Ion:146 Resp: 1224
Ion Ratio Lower Upper
146 100
111 27.9 18.3 54.9
148 66.8 31.9 95.9

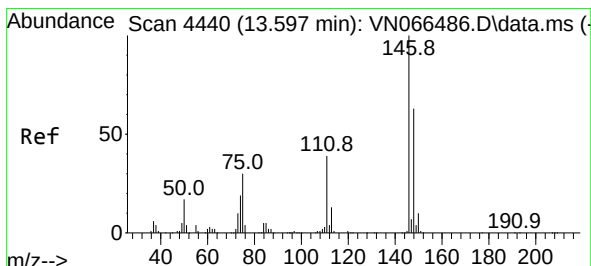
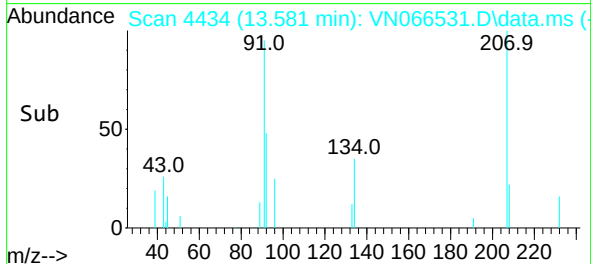
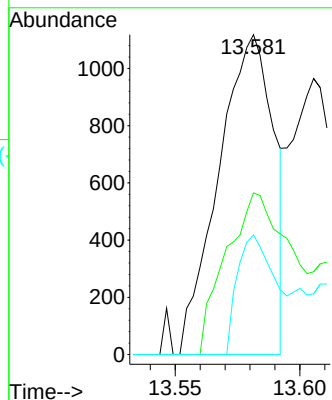
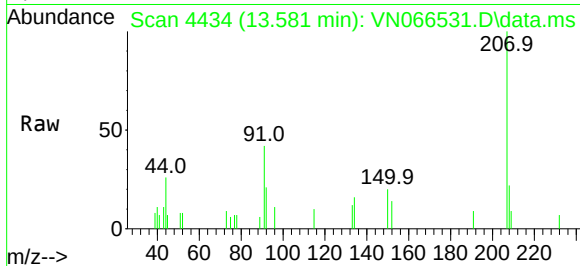




#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 13.581 min Scan# 4434
Delta R.T. 0.021 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

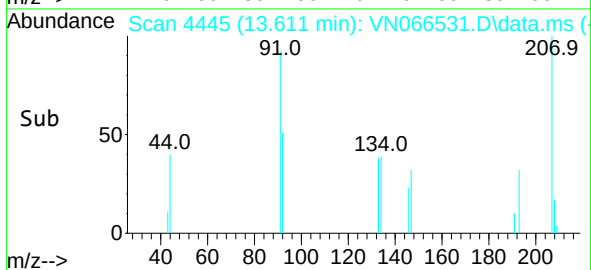
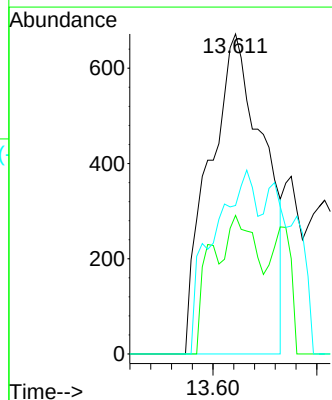
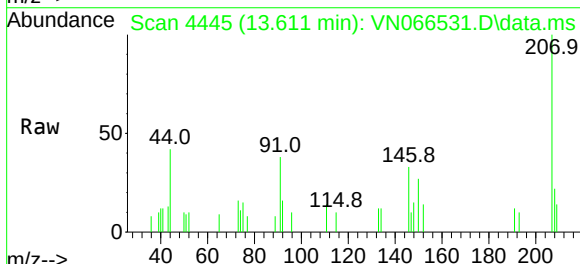
Instrument :
MSVOA_N
ClientSampleId :

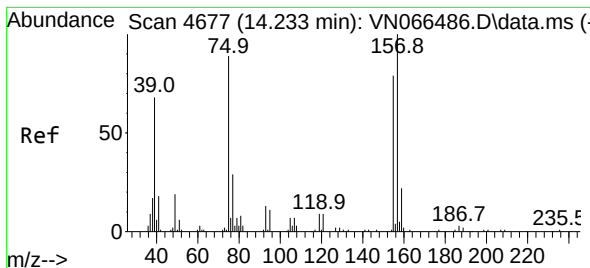
Tgt Ion: 91 Resp: 1715
Ion Ratio Lower Upper
91 100
92 58.5 26.1 78.3
134 25.9 12.8 38.4



#91
1,2-Dichlorobenzene
Concen: 0.24 ug/l
RT: 13.611 min Scan# 4445
Delta R.T. 0.014 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

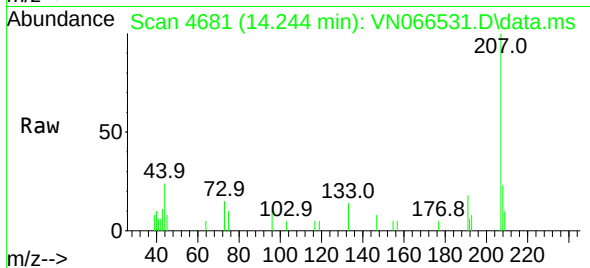
Tgt Ion: 146 Resp: 1231
Ion Ratio Lower Upper
146 100
111 24.9 19.7 59.1
148 45.6 32.3 96.8



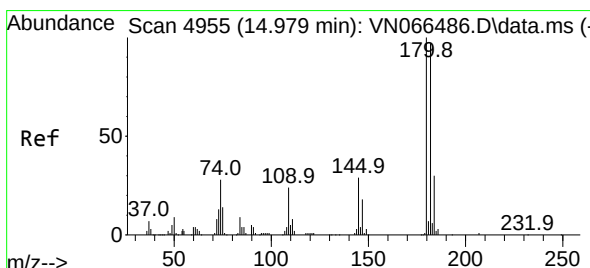
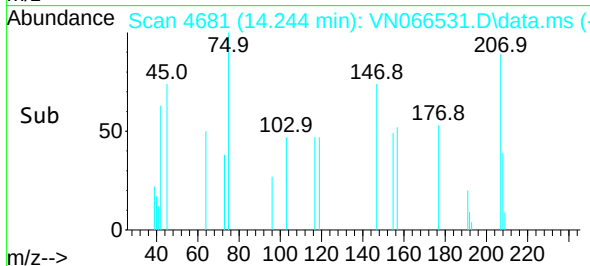
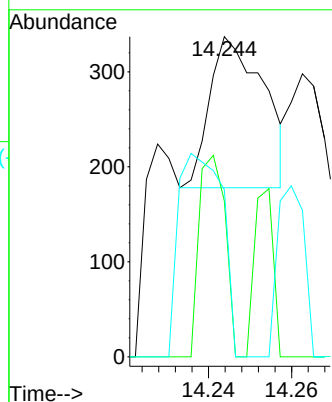


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.51 ug/l
 RT: 14.244 min Scan# 4681
 Delta R.T. 0.011 min
 Lab File: VN066531.D
 Acq: 8 Apr 2021 11:08

Instrument :
 MSVOA_N
 ClientSampled :

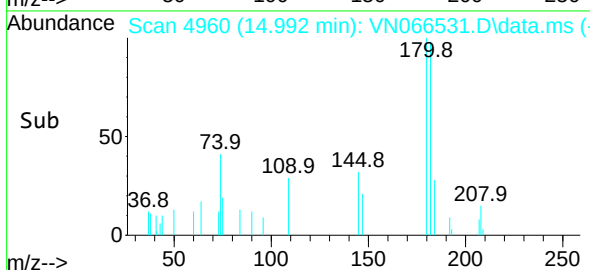
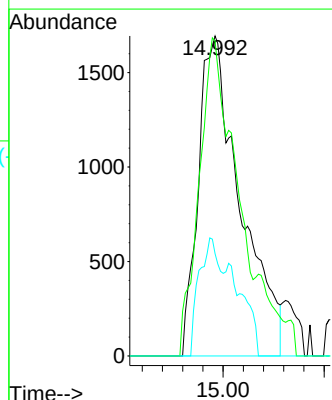
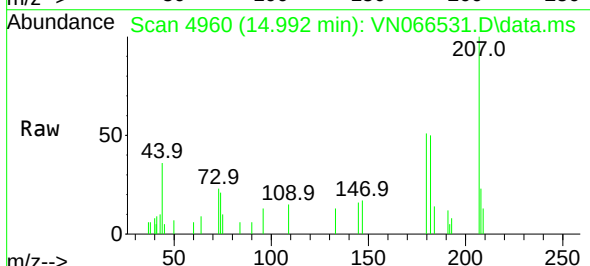


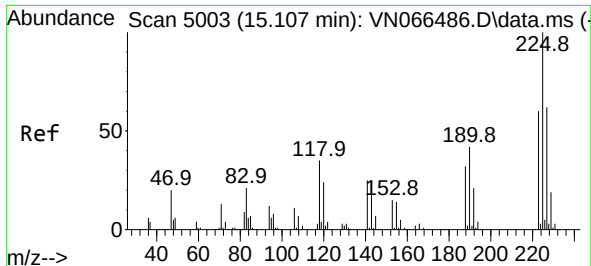
Tgt Ion: 75 Resp: 143
 Ion Ratio Lower Upper
 75 100
 155 64.3 43.8 131.3
 157 109.8 57.6 172.8



#93
 1,2,4-Trichlorobenzene
 Concen: 3.67 ug/l
 RT: 14.992 min Scan# 4960
 Delta R.T. 0.013 min
 Lab File: VN066531.D
 Acq: 8 Apr 2021 11:08

Tgt Ion:180 Resp: 4882
 Ion Ratio Lower Upper
 180 100
 182 84.1 47.4 142.3
 145 18.8 14.2 42.8

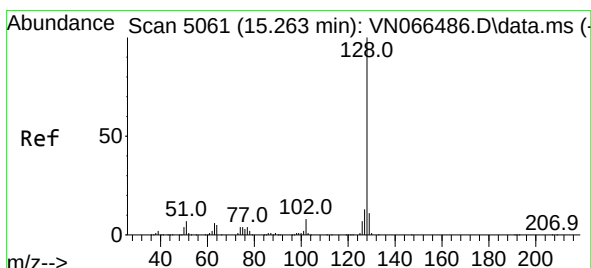
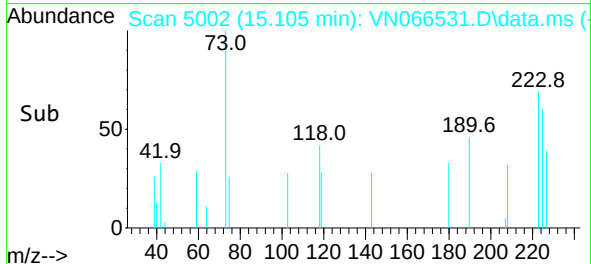
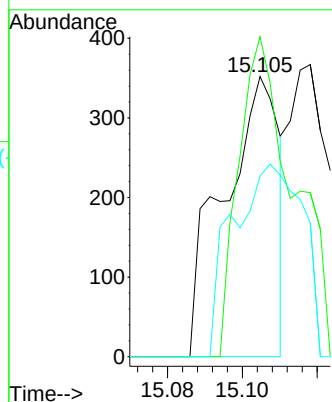
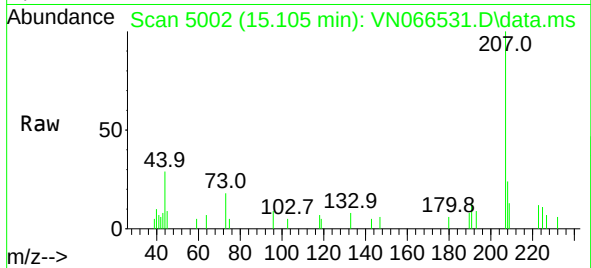




#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 15.105 min Scan# 5002
Delta R.T. -0.002 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

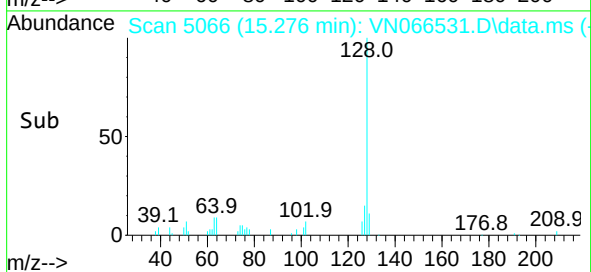
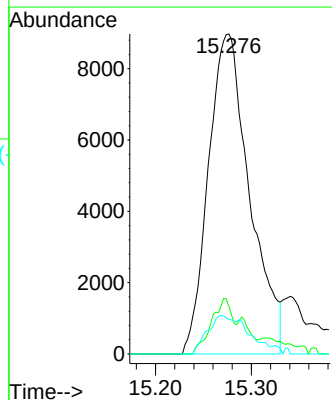
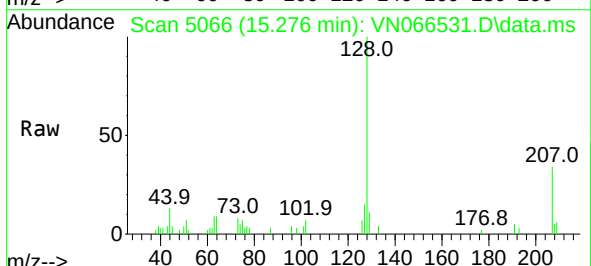
Instrument :
MSVOA_N
ClientSampled :

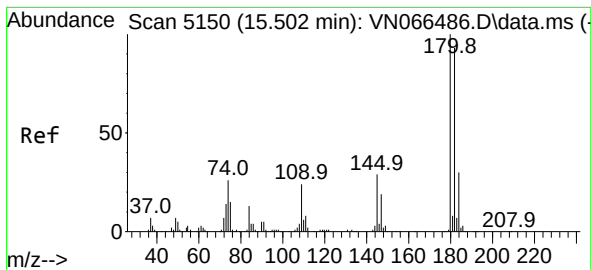
Tgt Ion:225 Resp: 364
Ion Ratio Lower Upper
225 100
223 112.4 31.1 93.5#
227 86.5 32.1 96.3



#95
Naphthalene
Concen: 4.72 ug/l
RT: 15.276 min Scan# 5066
Delta R.T. 0.013 min
Lab File: VN066531.D
Acq: 8 Apr 2021 11:08

Tgt Ion:128 Resp: 26839
Ion Ratio Lower Upper
128 100
127 9.0 10.5 15.7#
129 11.8 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 2.88 ug/l
 RT: 15.507 min Scan# 5152
 Delta R.T. 0.005 min
 Lab File: VN066531.D
 Acq: 8 Apr 2021 11:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:180 Resp: 4133
 Ion Ratio Lower Upper
 180 100
 182 117.6 47.6 142.9
 145 44.9 15.4 46.1

