

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031021\
 Data File : VN066165.D
 Acq On : 10 Mar 2021 12:13
 Operator : JC/MD
 Sample : VN0310WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 10 17:42:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

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

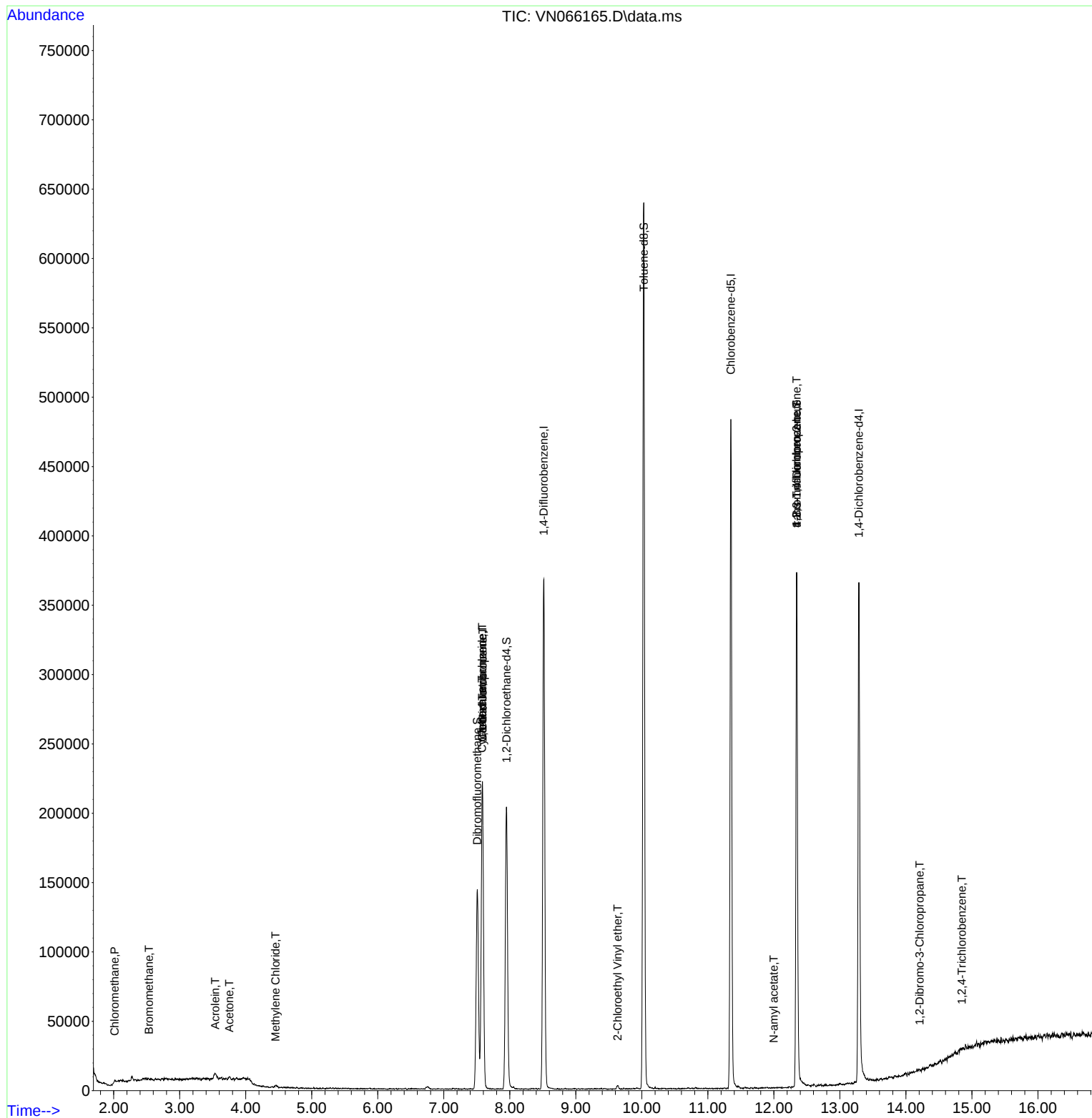
Internal Standards						
1) Pentafluorobenzene	7.585	168	168982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	293425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	254317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	97885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	179594	56.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.64%			
35) Dibromofluoromethane	7.507	113	109140	54.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.04%			
50) Toluene-d8	10.028	98	406061	51.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.12%			
62) 4-Bromofluorobenzene	12.345	95	132192	45.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.18%			
Target Compounds						Qvalue
3) Chloromethane	2.011	50	1324	0.35	ug/l	96
5) Bromomethane	2.532	94	361	0.22	ug/l #	65
13) Acrolein	3.540	56	4758	0.26	ug/l #	64
16) Acetone	3.749	43	2406	1.49	ug/l	93
20) Methylene Chloride	4.452	84	866	0.36	ug/l #	54
31) Cyclohexane	7.579	56	2543	0.55	ug/l #	12
36) 1,1-Dichloropropene	7.587	75	15056	4.51	ug/l #	50
38) Carbon Tetrachloride	7.582	117	16873	5.81	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.634	63	1316	12.96	ug/l #	59
74) N-amyl acetate	11.996	43	50	2.98	ug/l #	42
76) 1,2,3-Trichloropropane	12.345	75	72063	24.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	72063	76.70	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.206	75	248	0.36	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.847	180	62	2.23	ug/l #	13

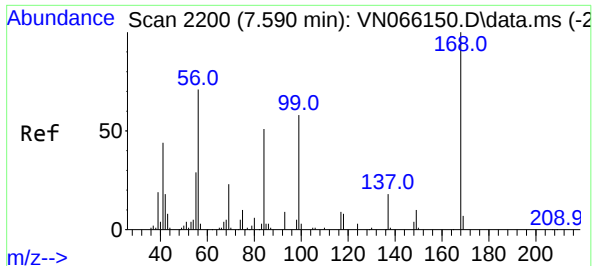
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
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Quant Time: Mar 10 17:42:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 09 14:48:21 2021
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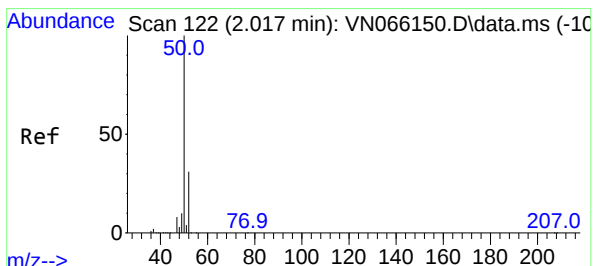
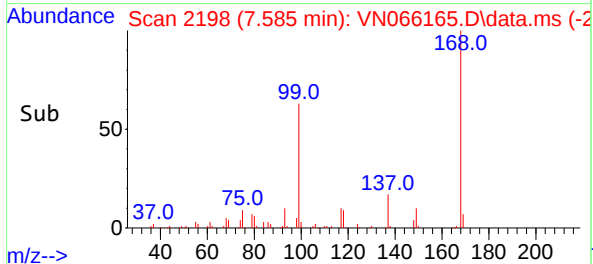
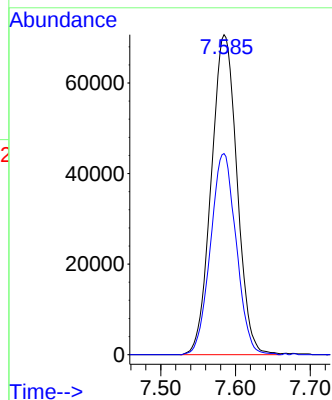
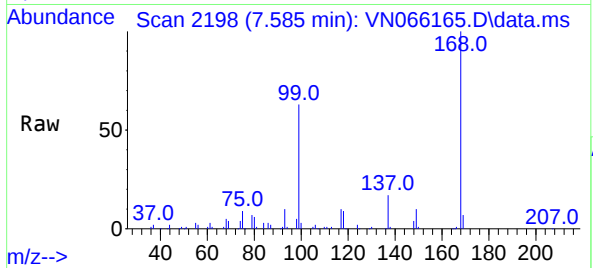




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.005 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

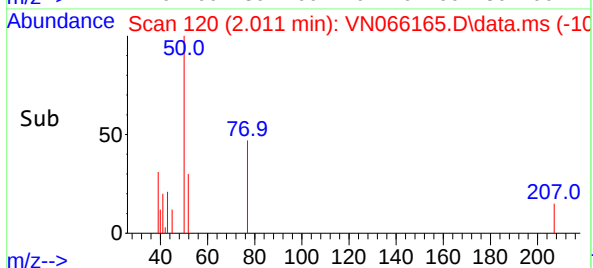
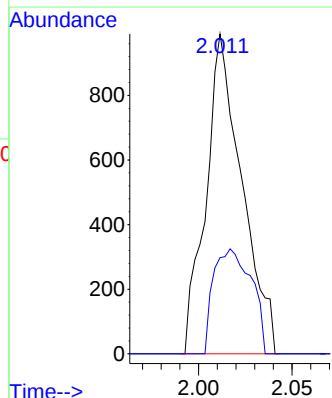
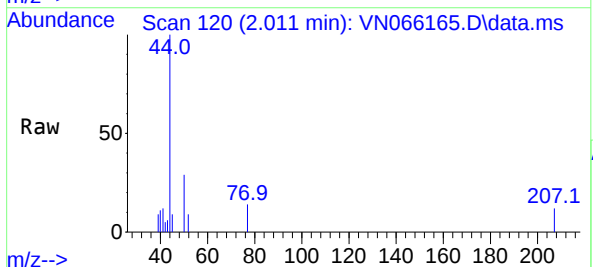
Instrument :
MSVOA_N
ClientSampleId :

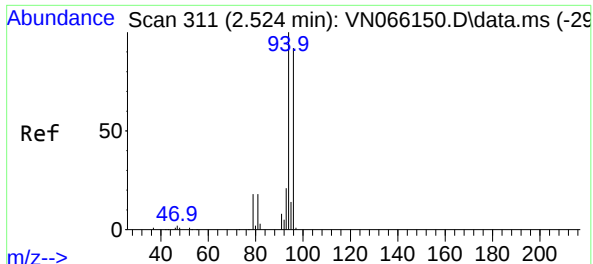
Tgt Ion:168 Resp: 168982
Ion Ratio Lower Upper
168 100
99 62.9 42.6 63.8



#3
Chloromethane
Concen: 0.35 ug/l
RT: 2.011 min Scan# 120
Delta R.T. -0.006 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

Tgt Ion: 50 Resp: 1324
Ion Ratio Lower Upper
50 100
52 30.1 25.8 38.8

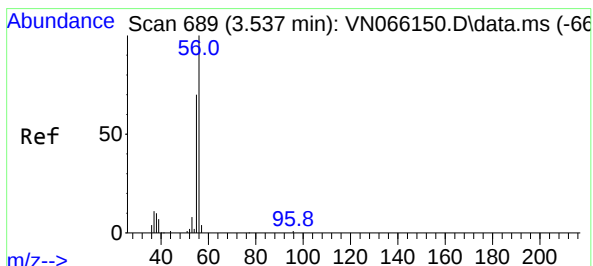
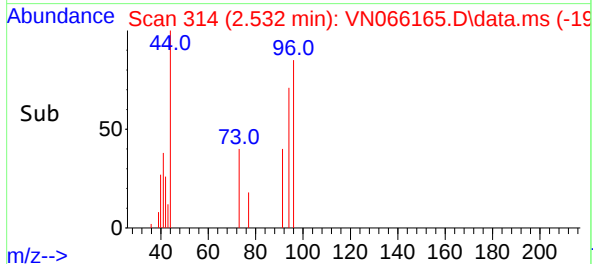
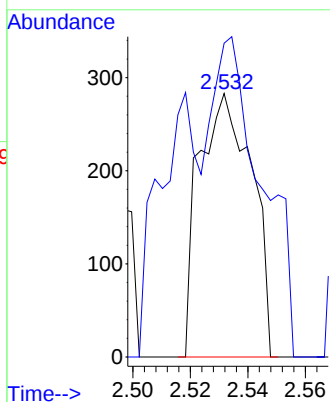
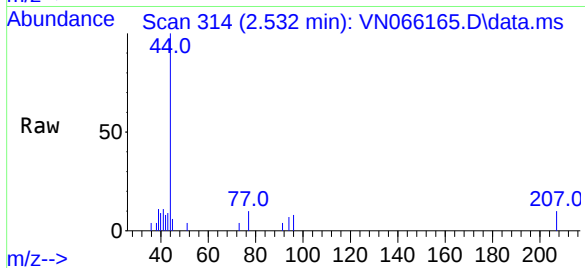




#5
Bromomethane
Concen: 0.22 ug/l
RT: 2.532 min Scan# 314
Delta R.T. 0.008 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

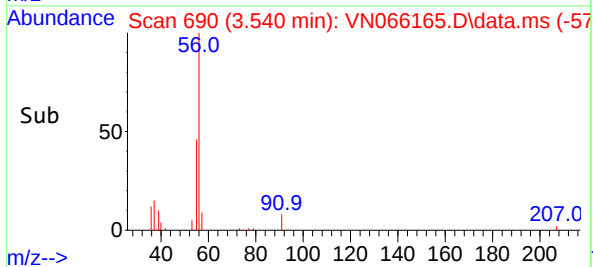
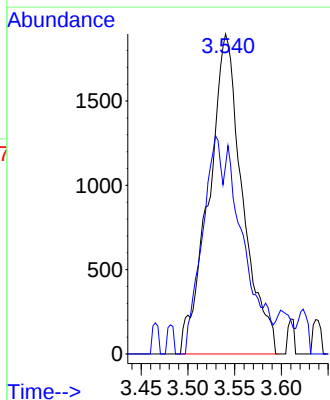
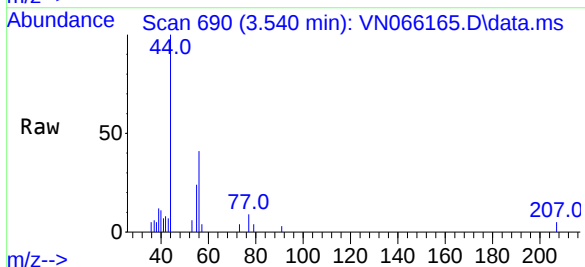
Instrument :
MSVOA_N
ClientSampled :

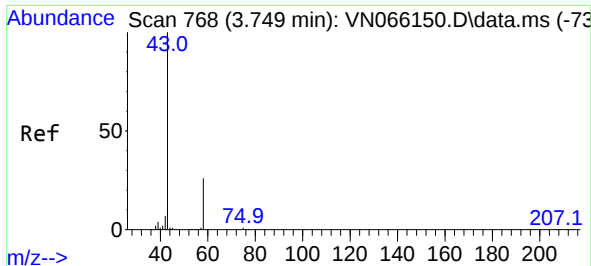
Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 57.6 73.0 109.4#



#13
Acrolein
Concen: 0.26 ug/l
RT: 3.540 min Scan# 690
Delta R.T. 0.003 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

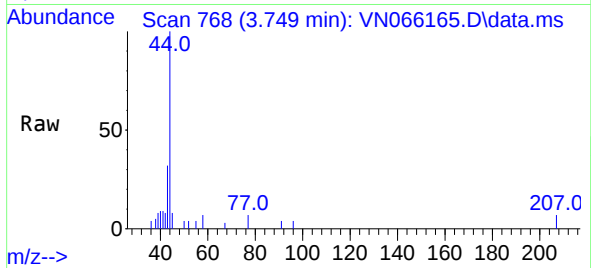
Tgt Ion: 56 Resp: 4758
Ion Ratio Lower Upper
56 100
55 40.2 56.0 84.0#



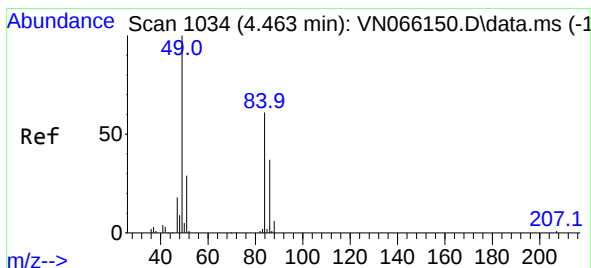
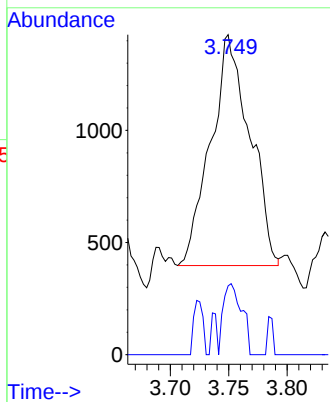
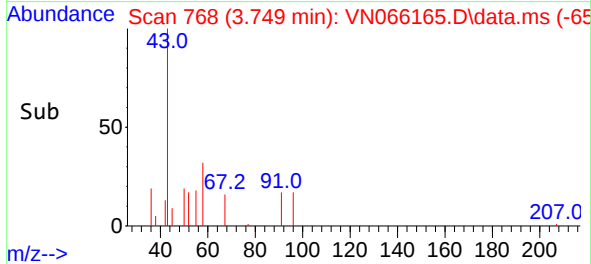


#16
Acetone
Concen: 1.49 ug/l
RT: 3.749 min Scan# 768
Delta R.T. 0.000 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

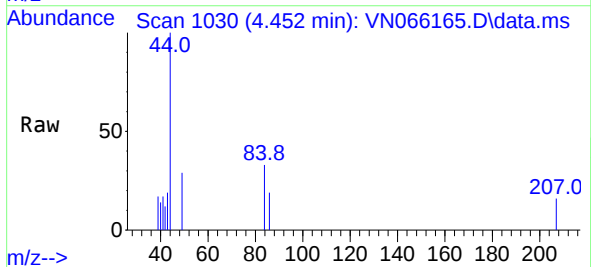
Instrument :
MSVOA_N
ClientSampleId :



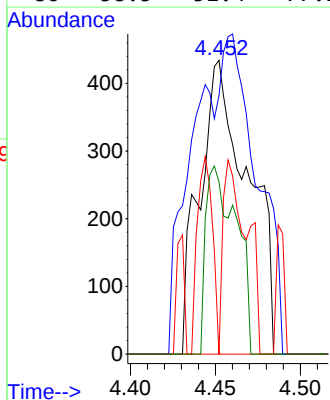
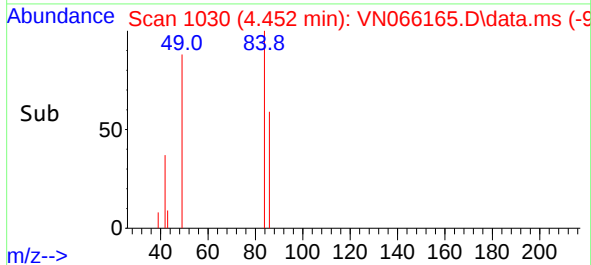
Tgt Ion: 43 Resp: 2406
Ion Ratio Lower Upper
43 100
58 29.8 27.0 40.6

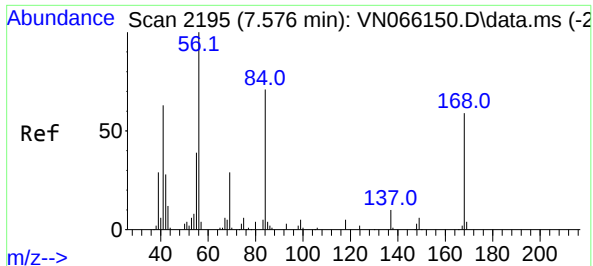


#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 4.452 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13



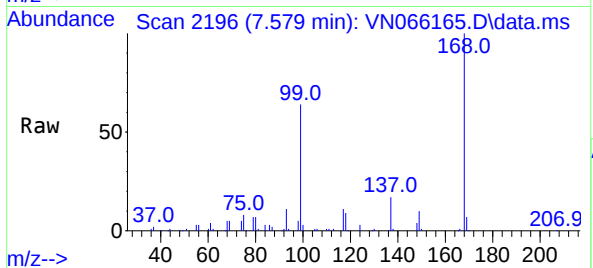
Tgt Ion: 84 Resp: 866
Ion Ratio Lower Upper
84 100
49 50.9 94.6 141.8#
51 0.0 29.9 44.9#
86 58.5 51.4 77.2



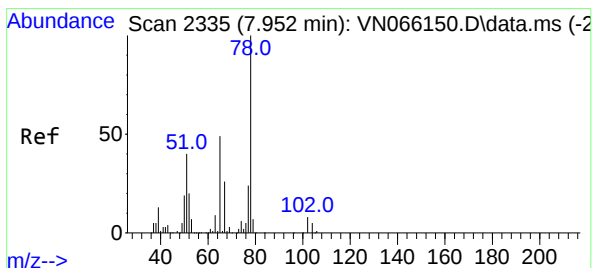
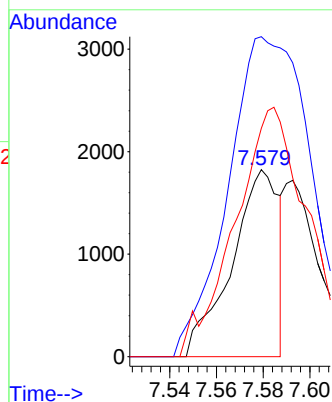
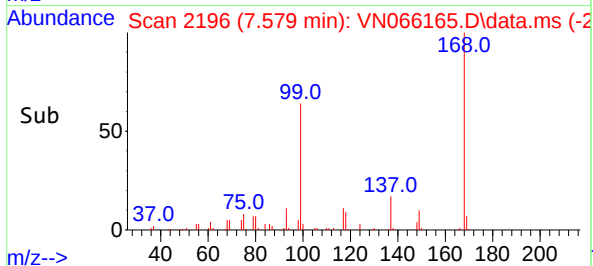


#31
Cyclohexane
Concen: 0.55 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

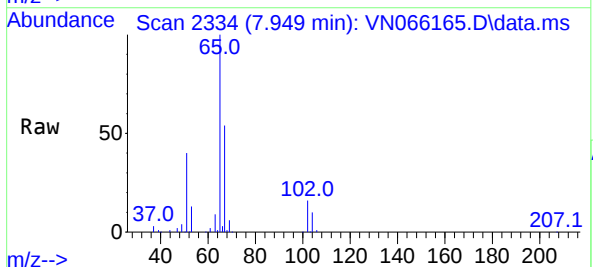
Instrument :
MSVOA_N
ClientSampled :



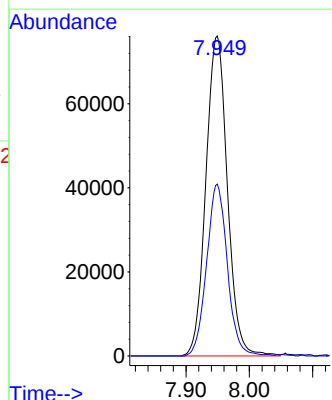
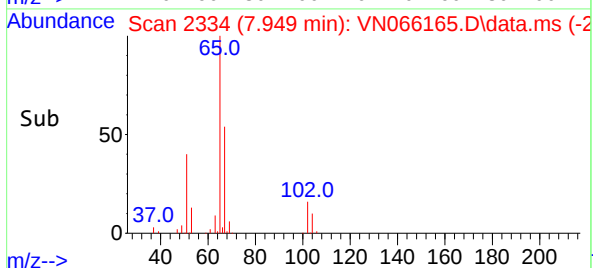
Tgt Ion: 56 Resp: 2543
Ion Ratio Lower Upper
56 100
69 160.8 26.6 39.8#
84 122.1 70.4 105.6#

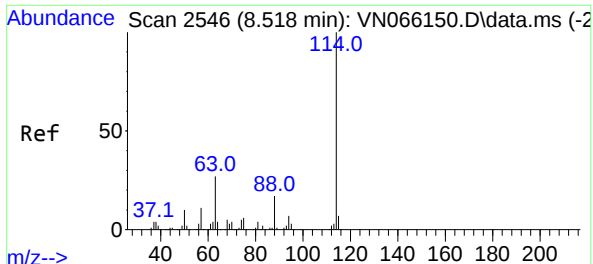


#33
1,2-Dichloroethane-d4
Concen: 56.32 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13



Tgt Ion: 65 Resp: 179594
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.2



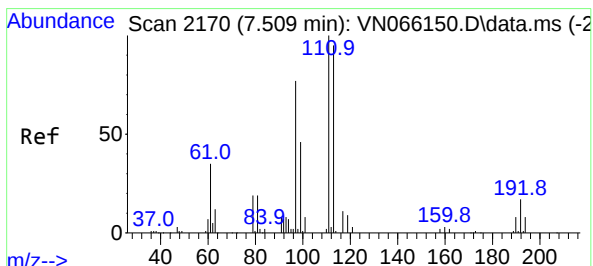
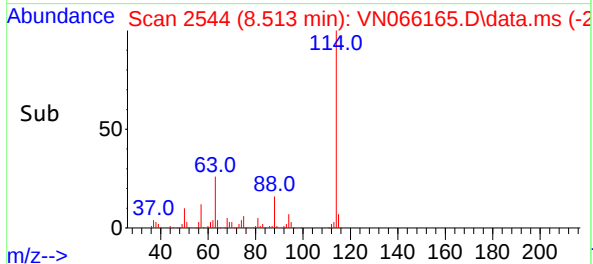
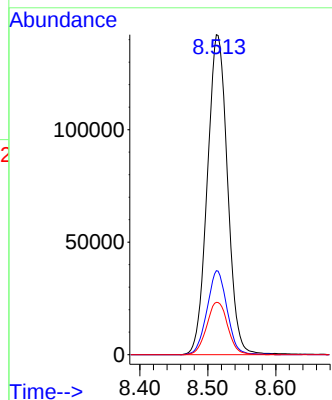
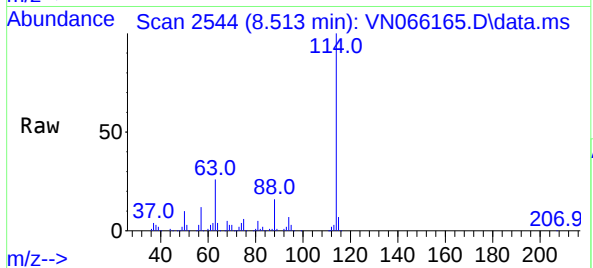


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.005 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

Instrument :
MSVOA_N
ClientSampleId :

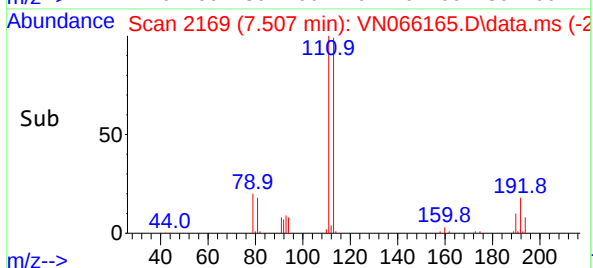
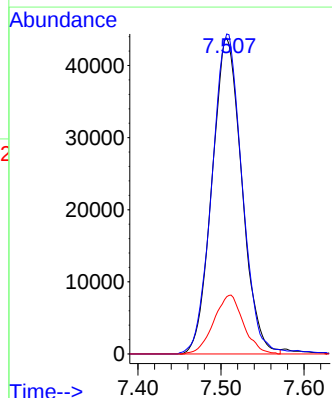
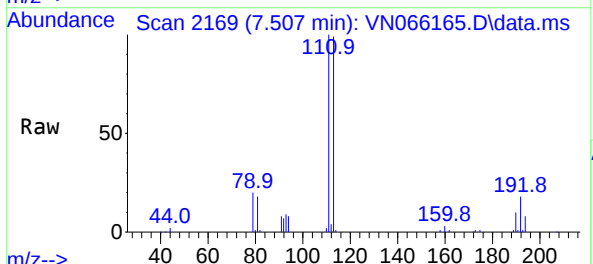
Tgt Ion:114 Resp: 293425
Ion Ratio Lower Upper
114 100
63 26.3 0.0 38.6
88 16.4 0.0 30.6

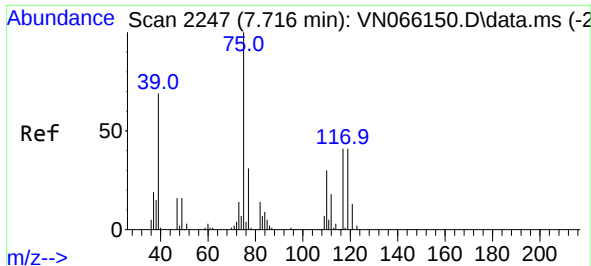


#35

Dibromofluoromethane
Concen: 54.52 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

Tgt Ion:113 Resp: 109140
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 18.6 15.4 23.0

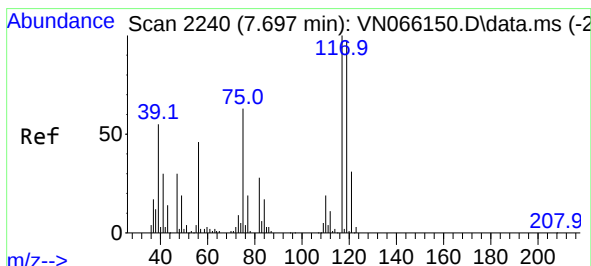
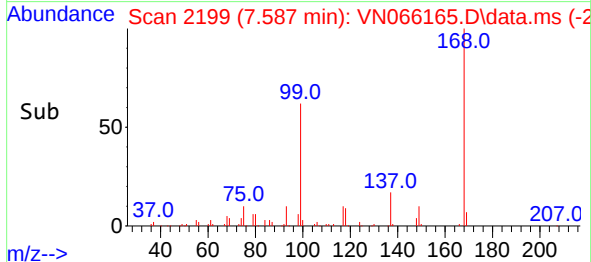
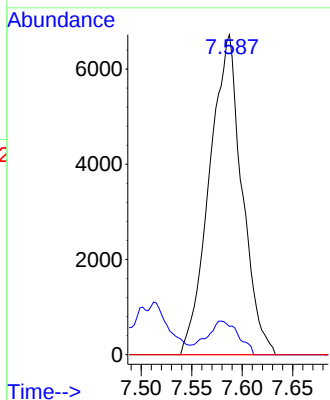
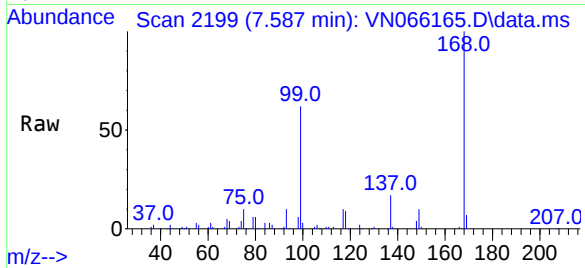




#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.129 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

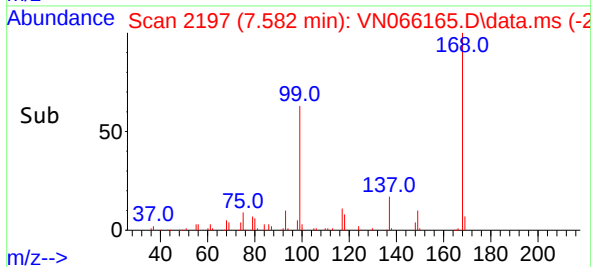
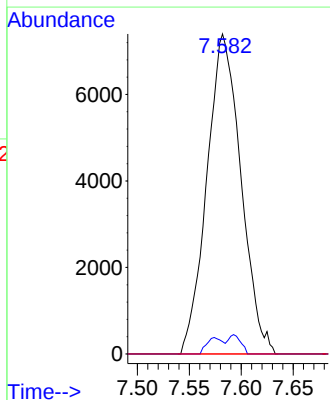
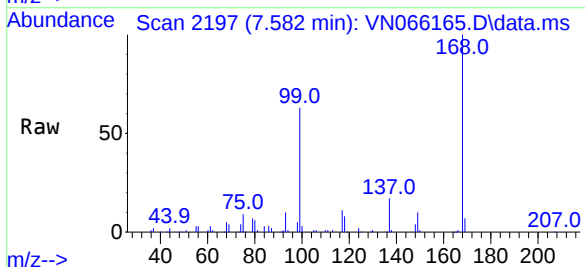
Instrument :
MSVOA_N
ClientSampled :

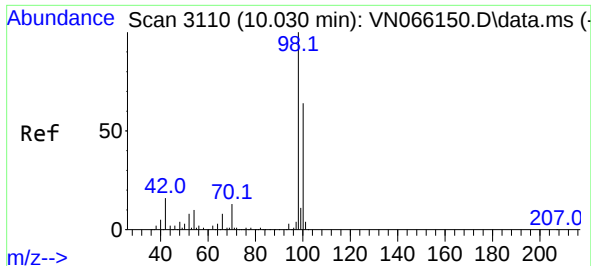
Tgt Ion: 75 Resp: 15056
Ion Ratio Lower Upper
75 100
110 10.3 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.115 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

Tgt Ion:117 Resp: 16873
Ion Ratio Lower Upper
117 100
119 3.9 76.0 114.0#
121 0.0 24.5 36.7#

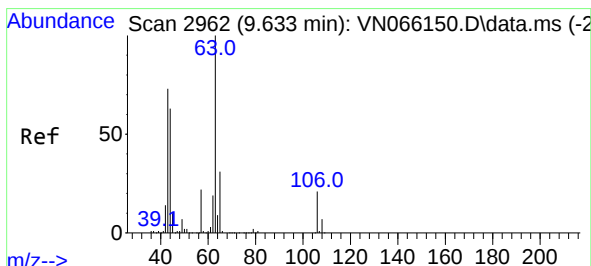
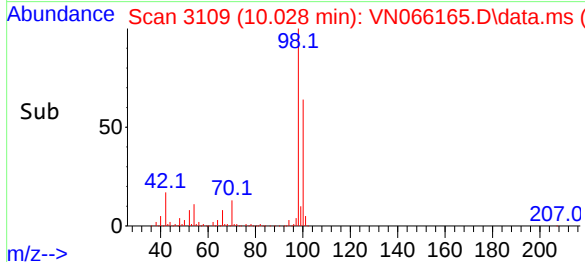
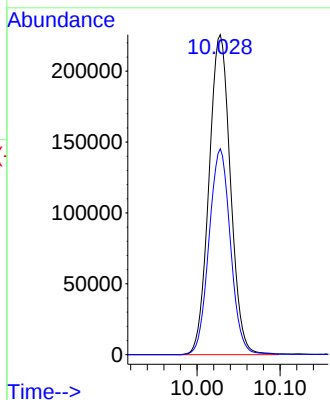
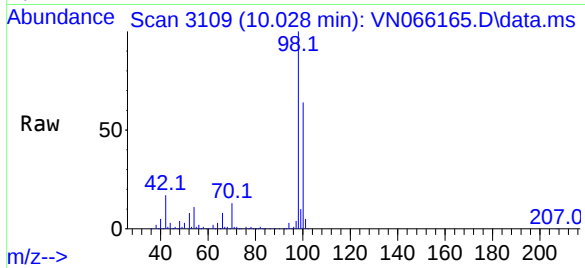




#50
Toluene-d8
Concen: 51.56 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

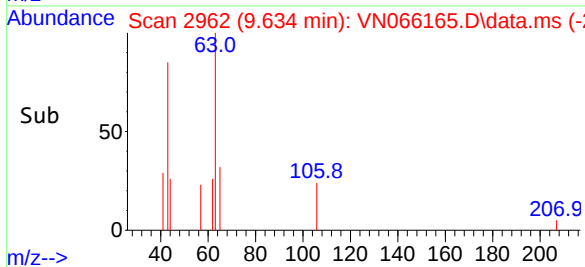
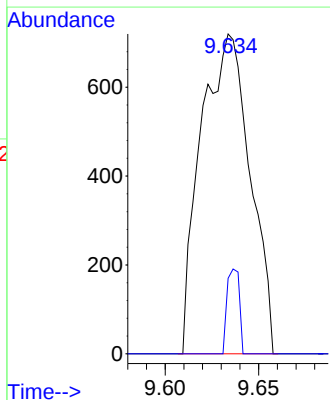
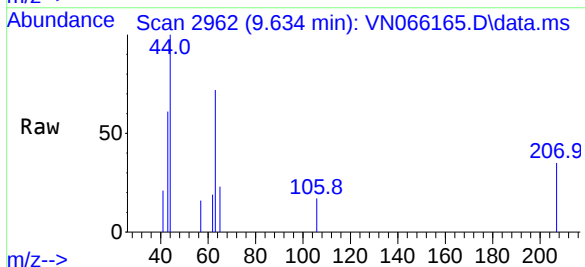
Instrument :
MSVOA_N
ClientSampled :

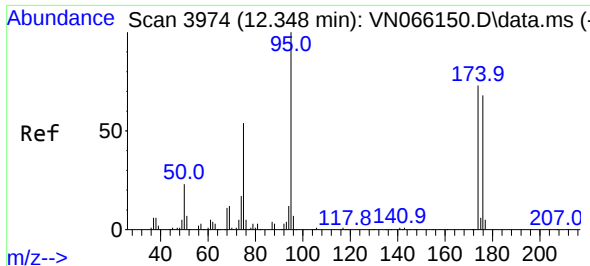
Tgt Ion: 98 Resp: 406061
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#58
2-Chloroethyl Vinyl ether
Concen: 12.96 ug/l
RT: 9.634 min Scan# 2962
Delta R.T. 0.001 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

Tgt Ion: 63 Resp: 1316
Ion Ratio Lower Upper
63 100
106 6.7 22.6 33.8#

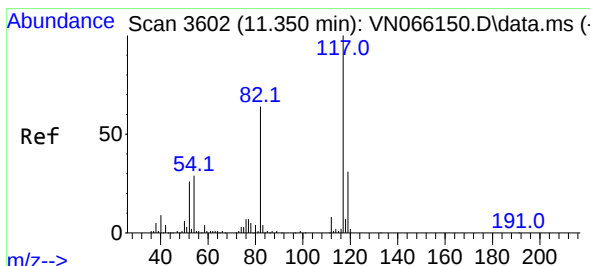
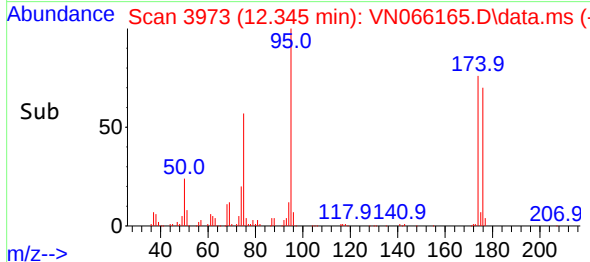
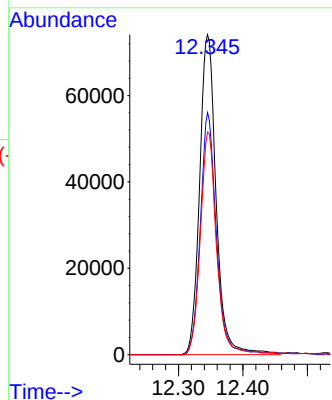
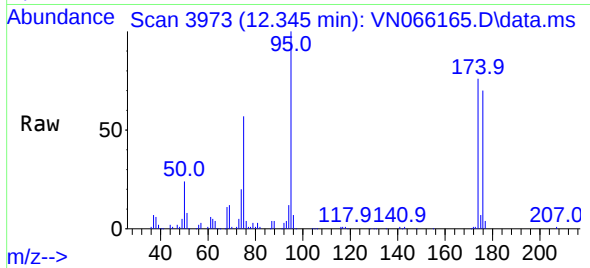




#62
4-Bromofluorobenzene
Concen: 45.09 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

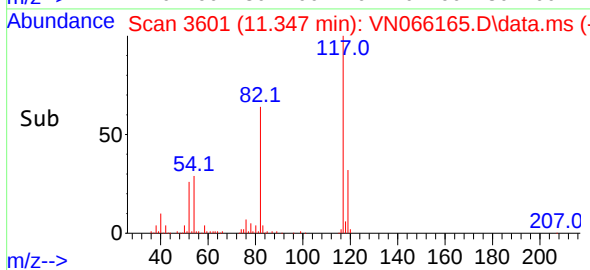
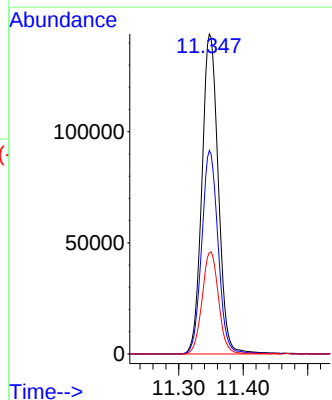
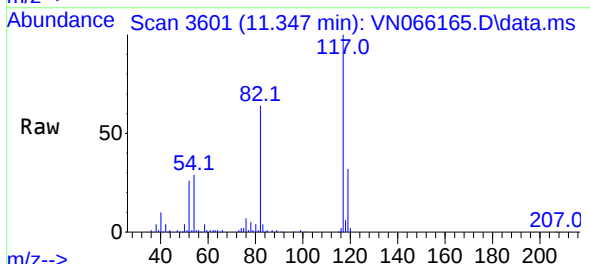
Instrument :
MSVOA_N
ClientSampleId :

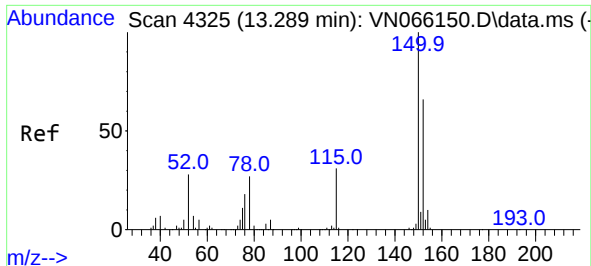
Tgt Ion: 95 Resp: 132192
Ion Ratio Lower Upper
95 100
174 72.8 0.0 169.0
176 67.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

Tgt Ion:117 Resp: 254317
Ion Ratio Lower Upper
117 100
82 63.6 43.7 65.5
119 31.7 26.1 39.1

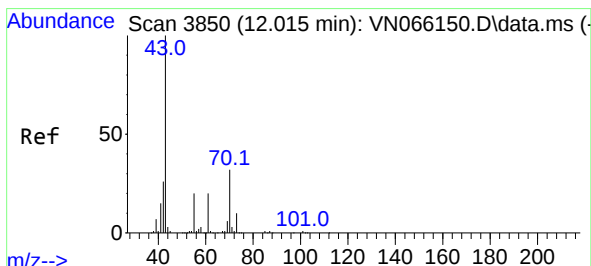
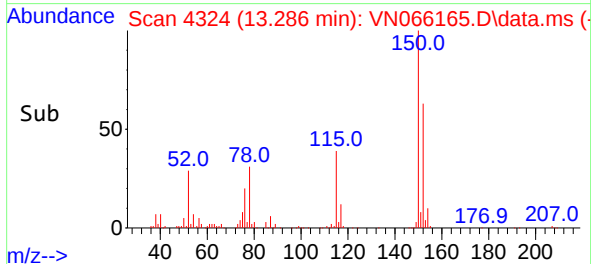
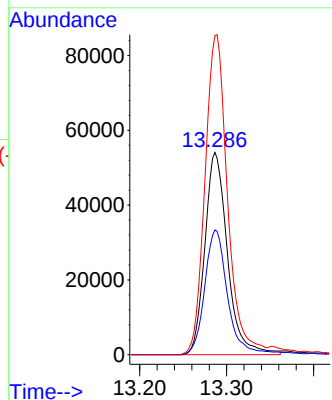
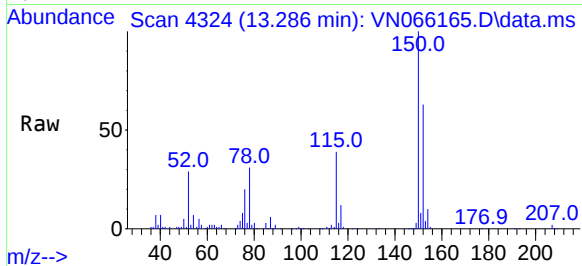




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

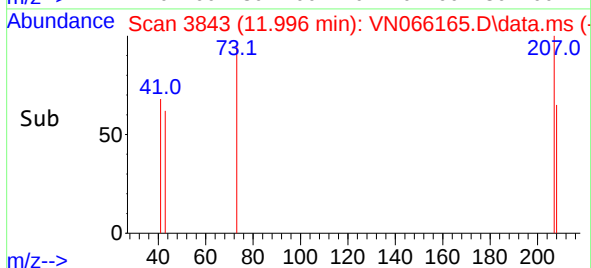
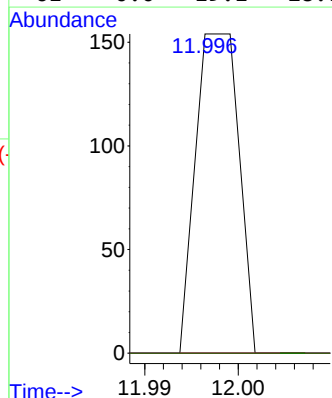
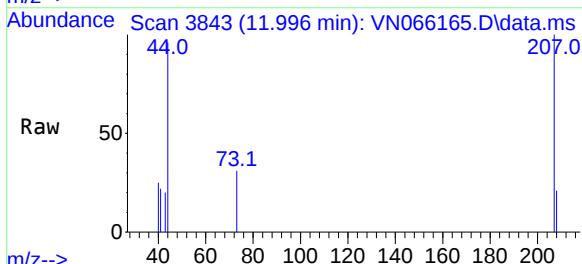
Instrument :
MSVOA_N
ClientSampleId :

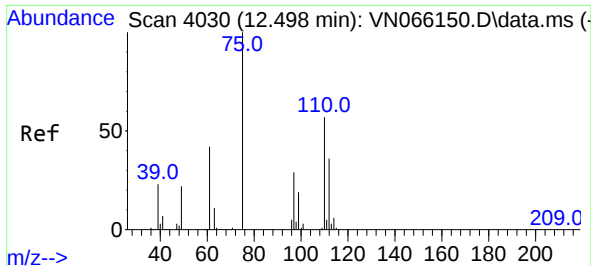
Tgt Ion:152 Resp: 97885
Ion Ratio Lower Upper
152 100
115 63.0 28.5 85.6
150 157.3 0.0 347.6



#74
N-amy1 acetate
Concen: 2.98 ug/l
RT: 11.996 min Scan# 3843
Delta R.T. -0.019 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

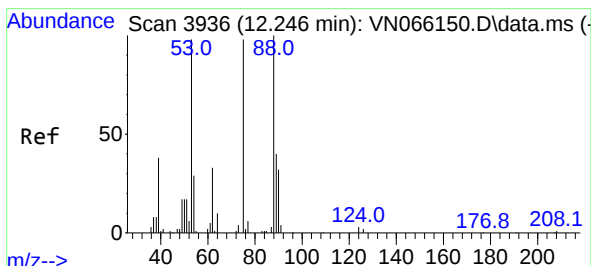
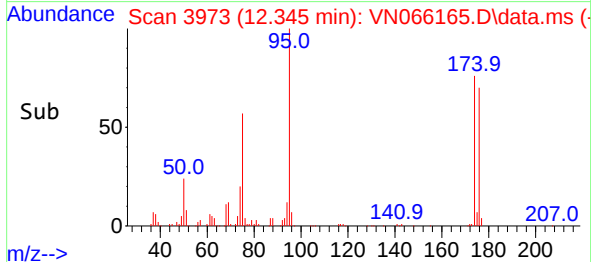
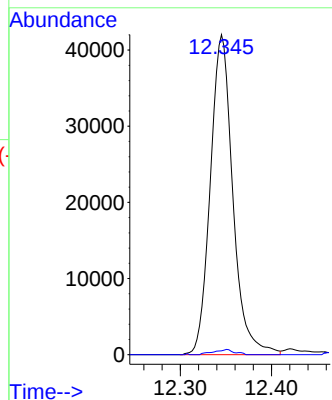
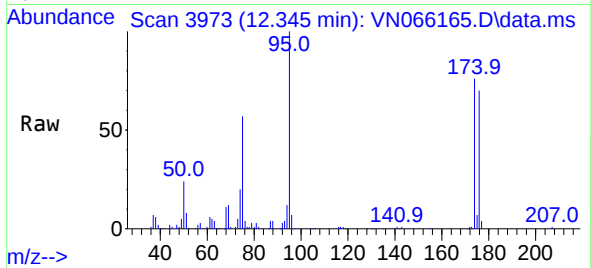




#76
1,2,3-Trichloropropane
Concen: 24.57 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

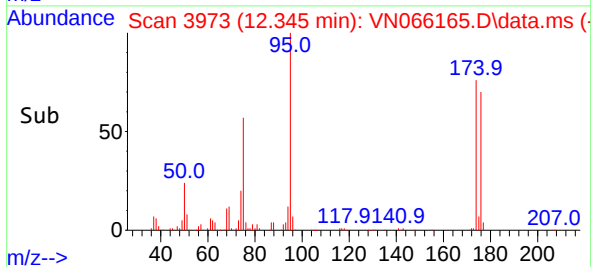
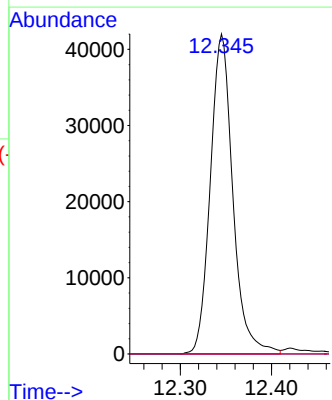
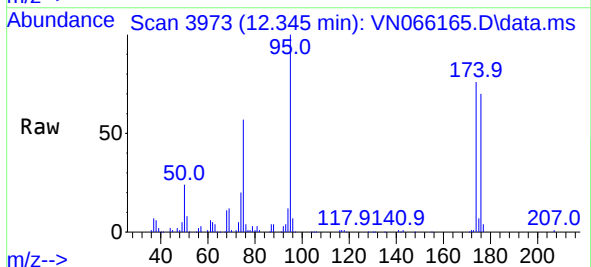
Instrument :
MSVOA_N
ClientSampleId :

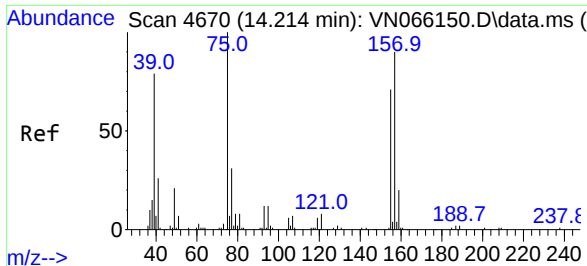
Tgt Ion: 75 Resp: 72063
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.70 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.099 min
Lab File: VN066165.D
Acq: 10 Mar 2021 12:13

Tgt Ion: 75 Resp: 72063
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

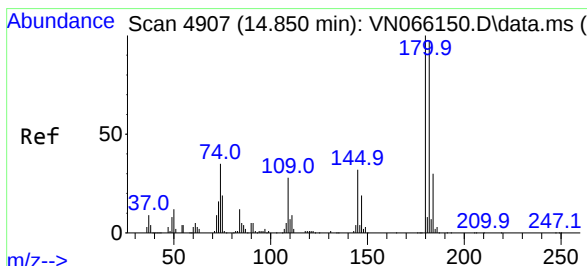
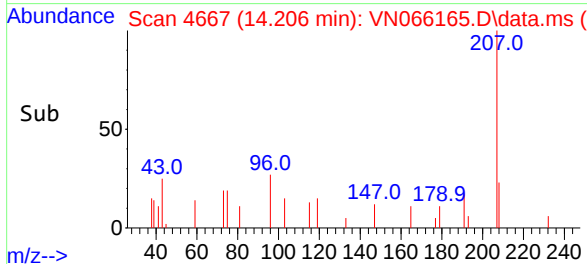
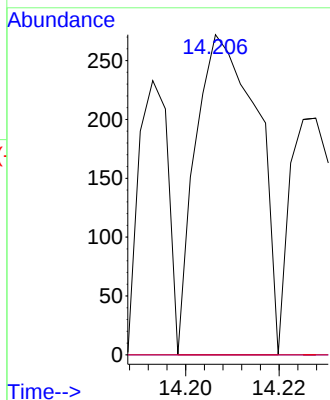
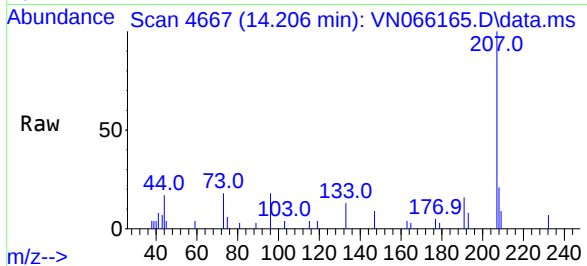




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.36 ug/l
 RT: 14.206 min Scan# 4667
 Delta R.T. -0.008 min
 Lab File: VN066165.D
 Acq: 10 Mar 2021 12:13

Instrument :
 MSVOA_N
 ClientSampled :

Tgt Ion: 75 Resp: 248
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.23 ug/l
 RT: 14.847 min Scan# 4906
 Delta R.T. -0.003 min
 Lab File: VN066165.D
 Acq: 10 Mar 2021 12:13

Tgt Ion: 180 Resp: 62
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 0.0 15.6 46.8#

