

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
 Data File : VN066545.D
 Acq On : 8 Apr 2021 16:44
 Operator : JC/MD
 Sample : M1961-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 04:36:08 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)

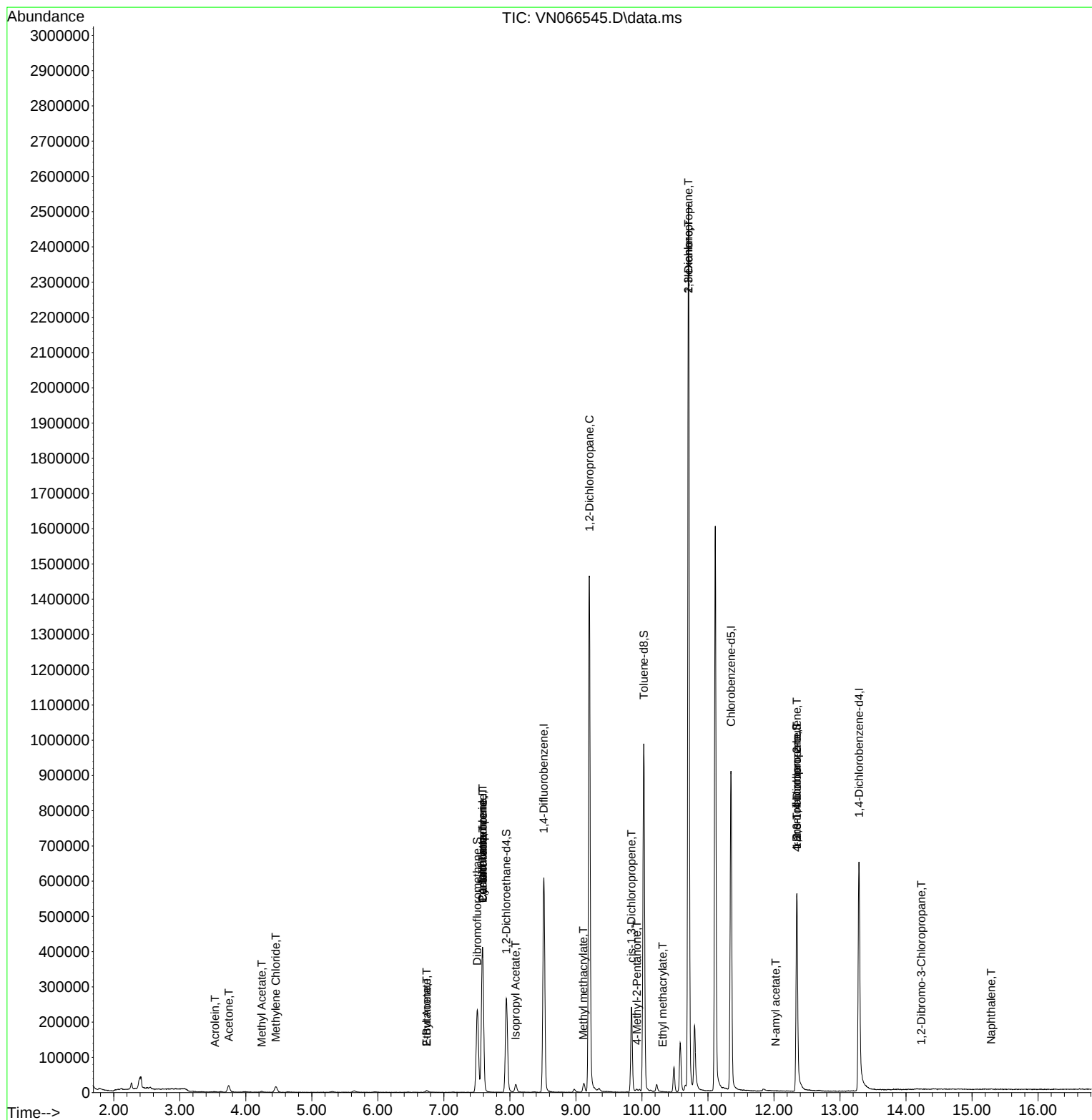
Internal Standards						
1) Pentafluorobenzene	7.587	168	349854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	533235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	519956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	209964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	226209	49.10	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.20%		
35) Dibromofluoromethane	7.507	113	179005	49.25	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.50%		
50) Toluene-d8	10.028	98	682223	49.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.82%		
62) 4-Bromofluorobenzene	12.345	95	205350	45.86	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.72%		
Target Compounds					Qvalue	
13) Acrolein	3.532	56	991	6.09	ug/l #	71
16) Acetone	3.741	43	31005	16.06	ug/l	97
18) Methyl Acetate	4.240	43	4706	0.97	ug/l #	74
20) Methylene Chloride	4.455	84	10796	2.60	ug/l #	81
25) 2-Butanone	6.742	43	5882	2.03	ug/l #	77
31) Cyclohexane	7.587	56	7269	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.587	75	26070	5.03	ug/l #	50
37) Ethyl Acetate	6.742	43	5882	0.92	ug/l #	69
38) Carbon Tetrachloride	7.587	117	32363	6.16	ug/l #	17
43) Isopropyl Acetate	8.086	43	27397	2.76	ug/l	99
45) 1,2-Dichloropropane	9.204	63	1810	0.42	ug/l #	43
48) Methyl methacrylate	9.113	41	6700	1.52	ug/l #	12
51) 4-Methyl-2-Pentanone	9.923	43	5199	0.88	ug/l	88
54) cis-1,3-Dichloropropene	9.843	75	43478	6.58	ug/l #	62
56) Ethyl methacrylate	10.315	69	134	3.74	ug/l #	1
57) 1,3-Dichloropropane	10.706	76	25177	3.78	ug/l #	43
59) 2-Hexanone	10.706	43	353594	86.36	ug/l #	53
74) N-amyl acetate	12.026	43	420	12.79	ug/l #	52
76) 1,2,3-Trichloropropane	12.348	75	104990	22.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.348	75	104990	61.66	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.230	75	106	0.43	ug/l #	1
95) Naphthalene	15.290	128	220	1.99	ug/l #	69

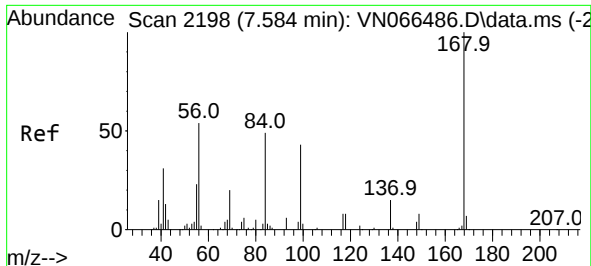
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
Data File : VN066545.D
Acq On : 8 Apr 2021 16:44
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Sample : M1961-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

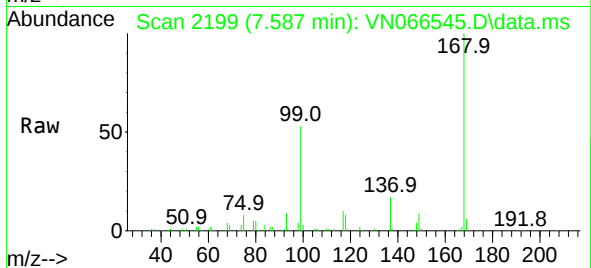
Quant Time: Apr 09 04:36:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
Response via : Initial Calibration



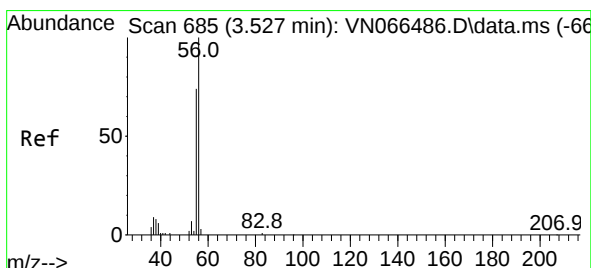
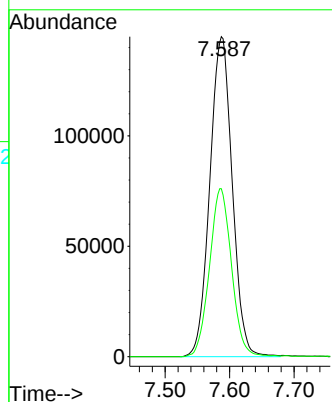
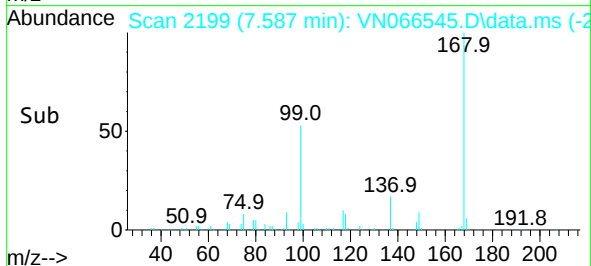


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

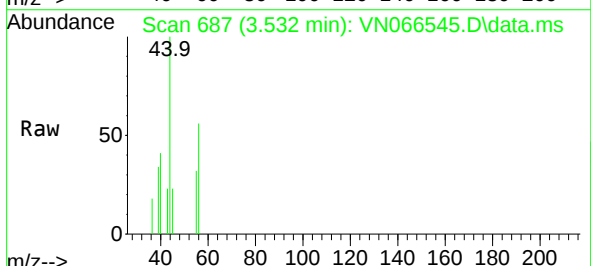
Instrument :
MSVOA_N
ClientSampleId :



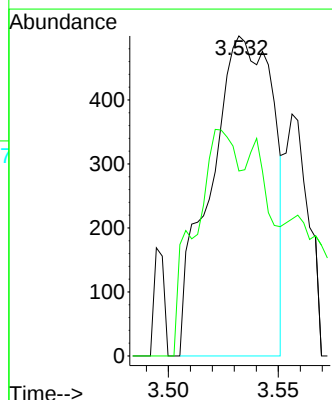
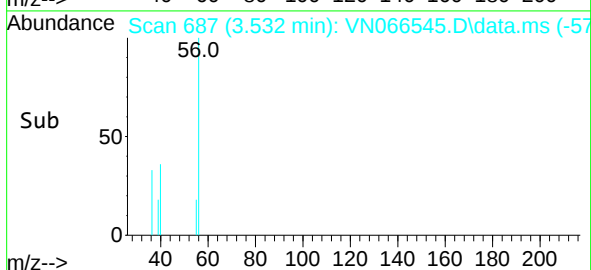
Tgt Ion:168 Resp: 349854
Ion Ratio Lower Upper
168 100
99 52.5 41.1 61.7

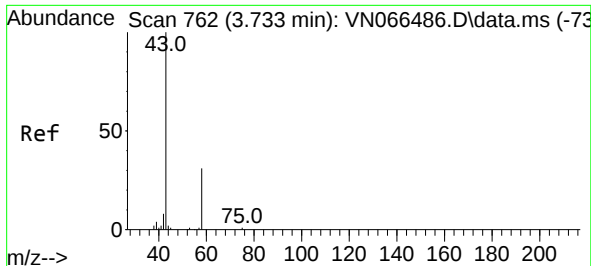


#13
Acrolein
Concen: 6.09 ug/l
RT: 3.532 min Scan# 687
Delta R.T. 0.005 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44



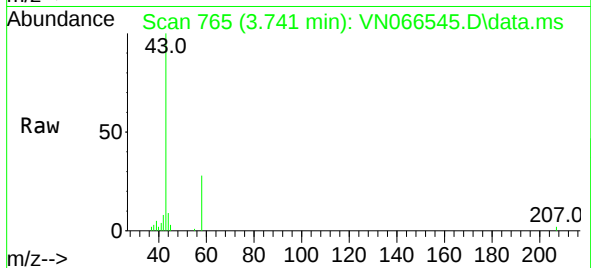
Tgt Ion: 56 Resp: 991
Ion Ratio Lower Upper
56 100
55 47.9 57.9 86.9#



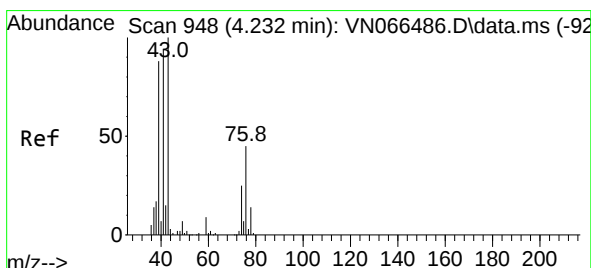
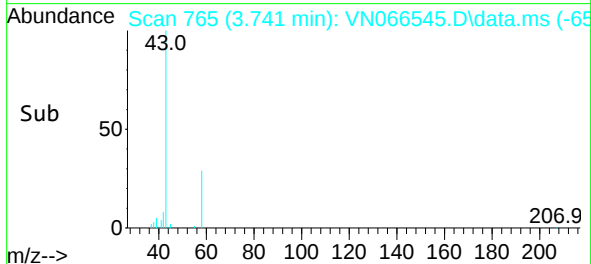
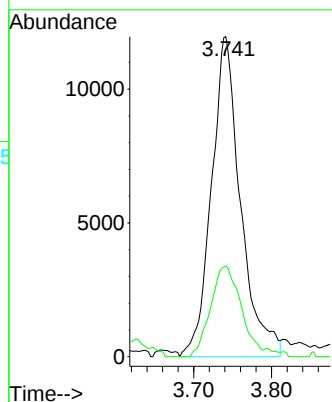


#16
Acetone
Concen: 16.06 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.008 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Instrument :
MSVOA_N
ClientSampled :

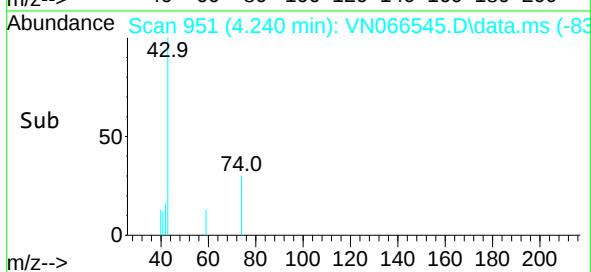
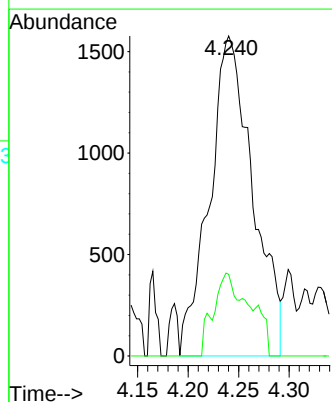
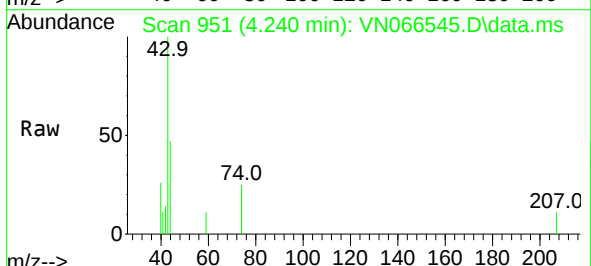


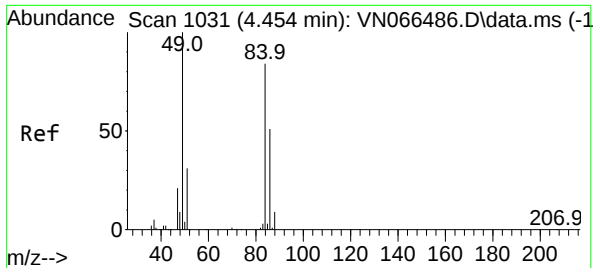
Tgt Ion: 43 Resp: 31005
Ion Ratio Lower Upper
43 100
58 28.4 23.8 35.8



#18
Methyl Acetate
Concen: 0.97 ug/l
RT: 4.240 min Scan# 951
Delta R.T. 0.008 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Tgt Ion: 43 Resp: 4706
Ion Ratio Lower Upper
43 100
74 9.6 17.6 26.4#





#20

Methylene Chloride

Concen: 2.60 ug/l

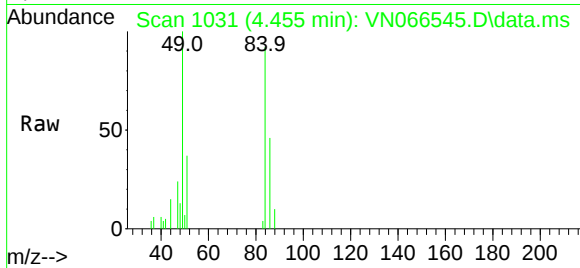
RT: 4.455 min Scan# 1031

Delta R.T. 0.001 min

Lab File: VN066545.D

Acq: 8 Apr 2021 16:44

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 10796

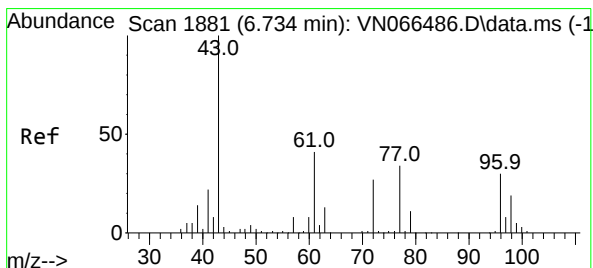
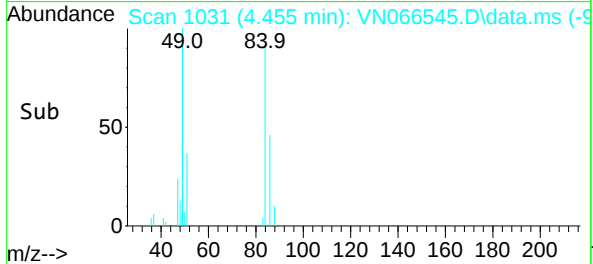
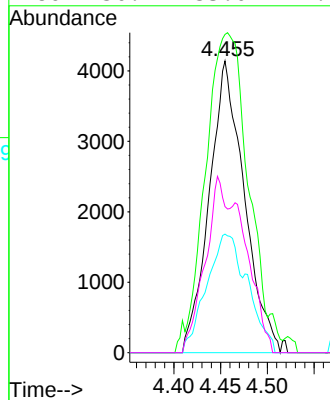
Ion Ratio Lower Upper

84 100

49 104.5 105.0 157.6#

51 40.7 31.6 47.4

86 50.1 53.0 79.6#



#25

2-Butanone

Concen: 2.03 ug/l

RT: 6.742 min Scan# 1884

Delta R.T. 0.008 min

Lab File: VN066545.D

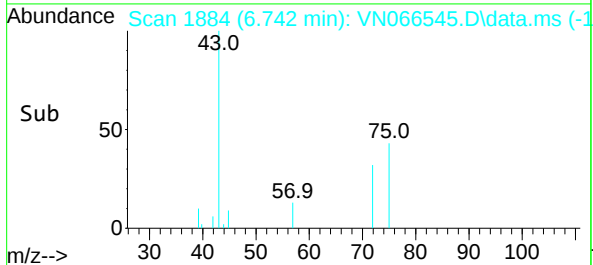
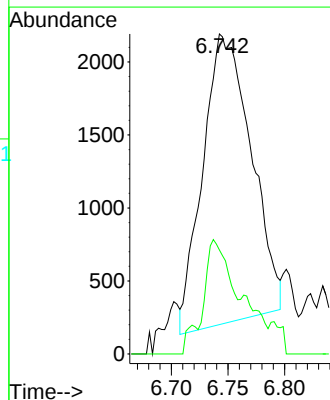
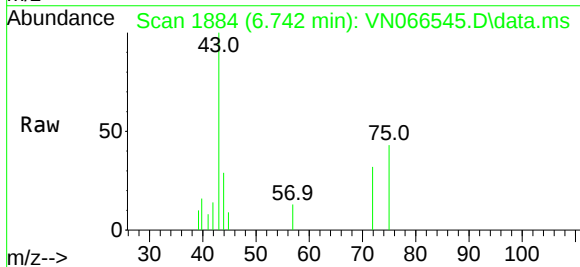
Acq: 8 Apr 2021 16:44

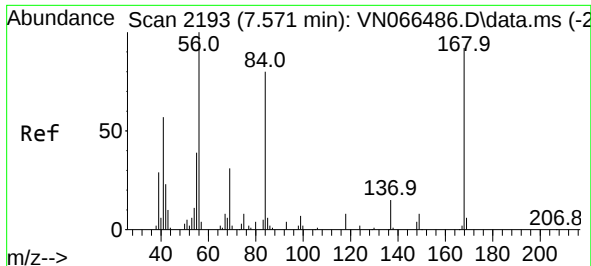
Tgt Ion: 43 Resp: 5882

Ion Ratio Lower Upper

43 100

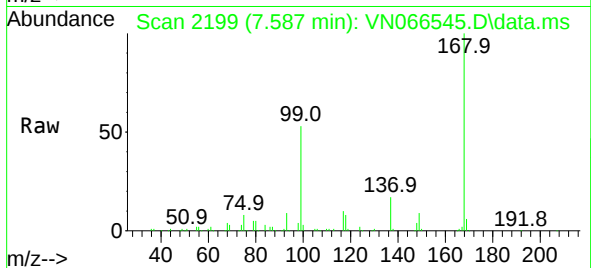
72 37.7 20.7 31.1#



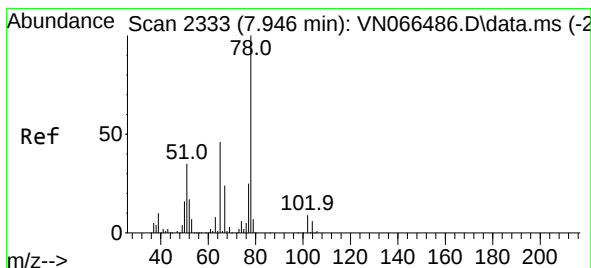
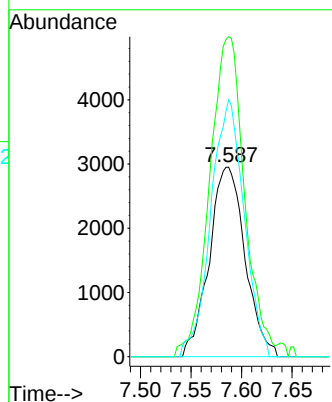
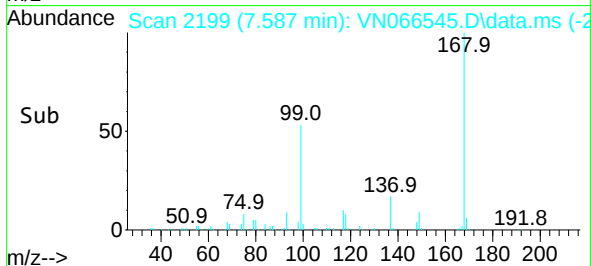


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.016 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

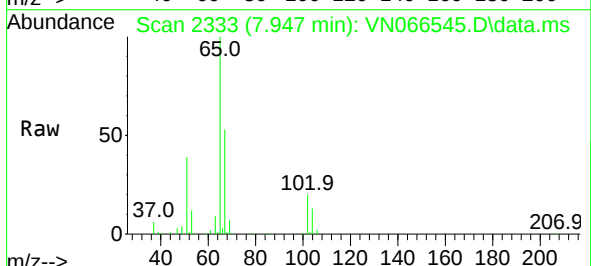
Instrument :
MSVOA_N
ClientSampleId :



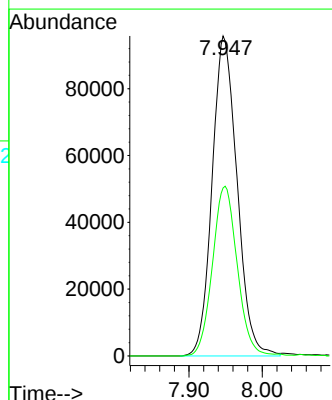
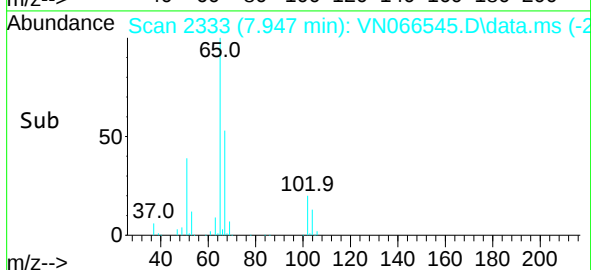
Tgt Ion: 56 Resp: 7269
Ion Ratio Lower Upper
56 100
69 162.9 26.6 40.0#
84 135.6 68.7 103.1#

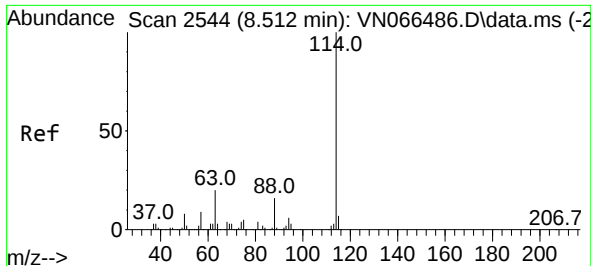


#33
1,2-Dichloroethane-d4
Concen: 49.10 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. 0.001 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44



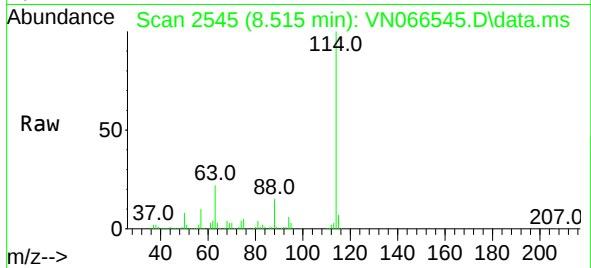
Tgt Ion: 65 Resp: 226209
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2



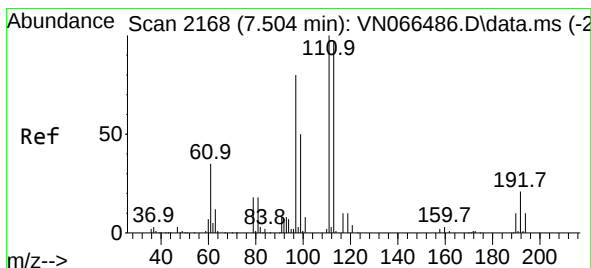
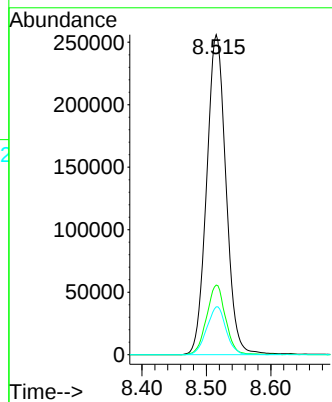
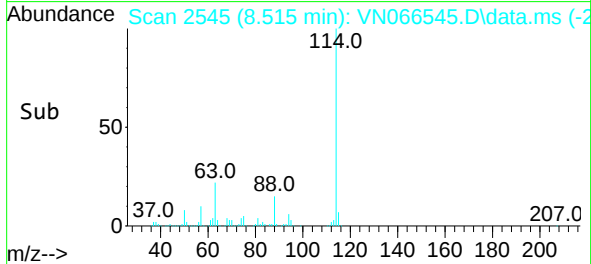


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.003 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

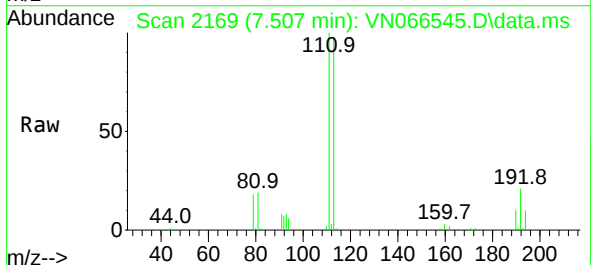
Instrument :
MSVOA_N
ClientSampleId :



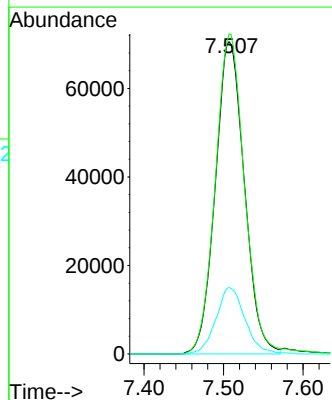
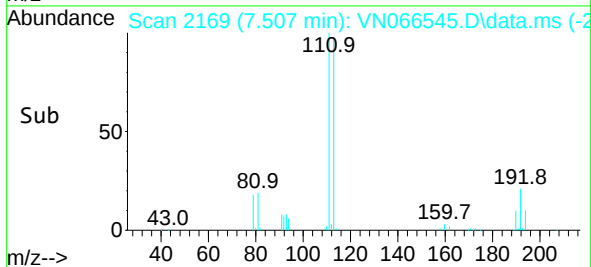
Tgt Ion:114 Resp: 533235
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.0
88 15.0 0.0 31.0

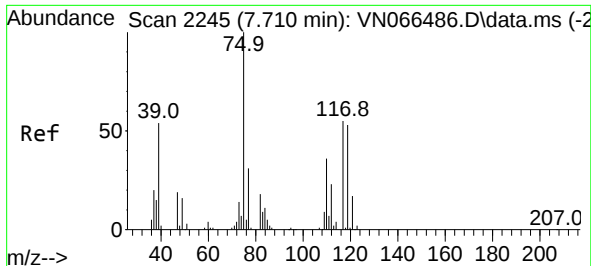


#35
Dibromofluoromethane
Concen: 49.25 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. 0.003 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44



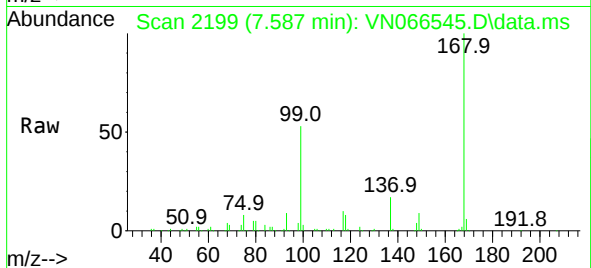
Tgt Ion:113 Resp: 179005
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 21.3 17.1 25.7



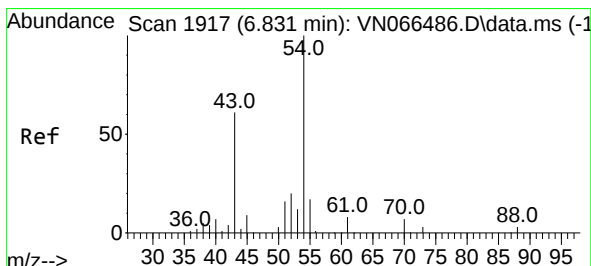
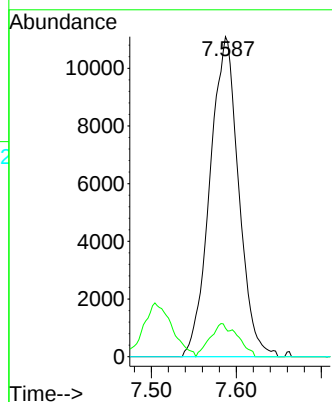
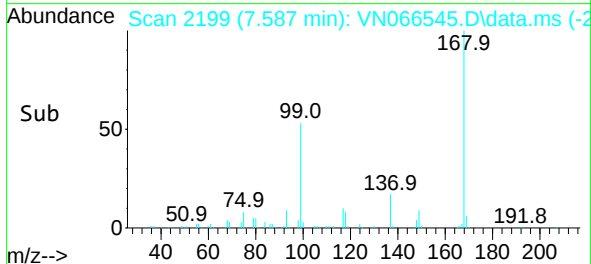


#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.123 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

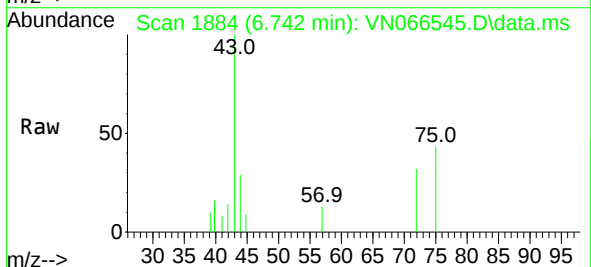
Instrument :
MSVOA_N
ClientSampled :



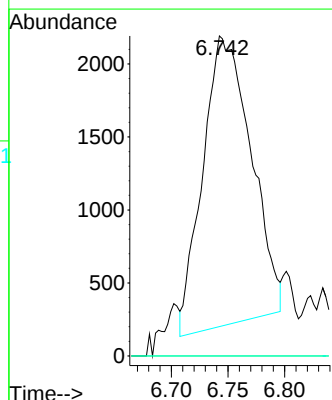
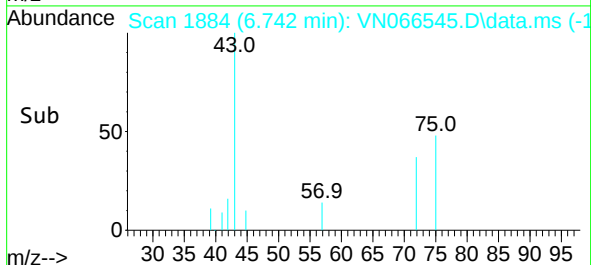
Tgt Ion: 75 Resp: 26070
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.3#
77 0.0 25.0 37.4#

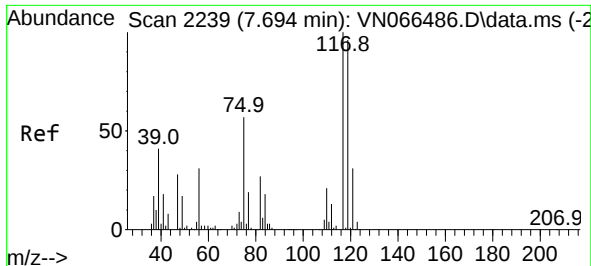


#37
Ethyl Acetate
Concen: 0.92 ug/l
RT: 6.742 min Scan# 1884
Delta R.T. -0.089 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44



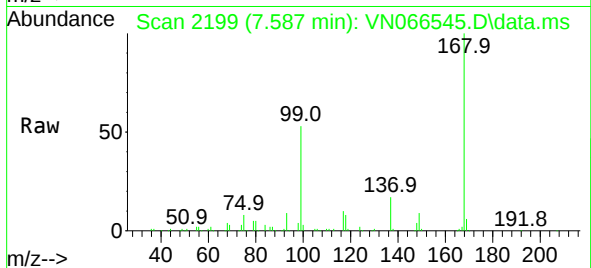
Tgt Ion: 43 Resp: 5882
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.0 12.0#



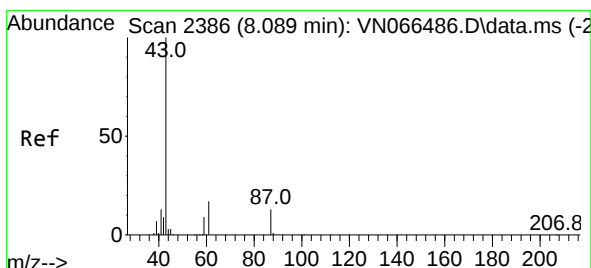
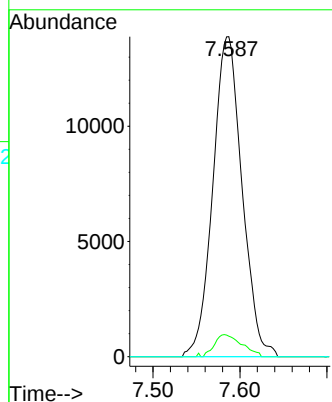
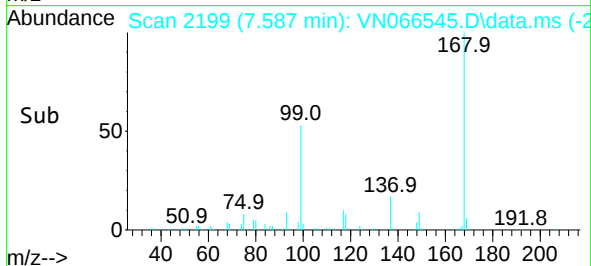


#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.107 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

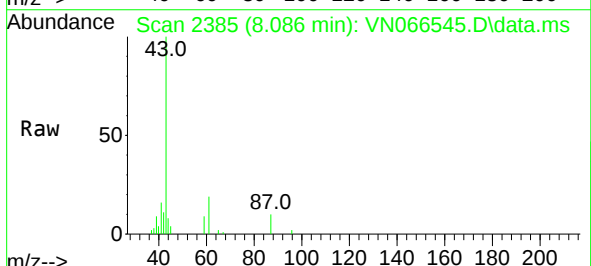
Instrument :
MSVOA_N
ClientSampled :



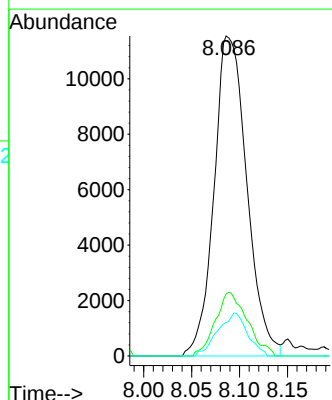
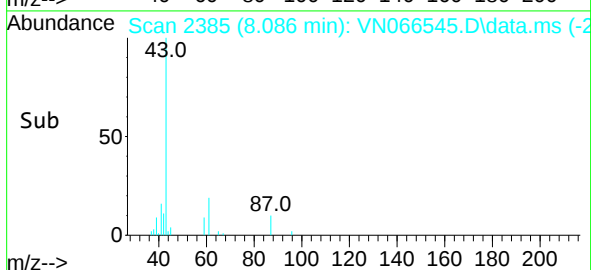
Tgt Ion:117 Resp: 32363
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 24.2 36.4#

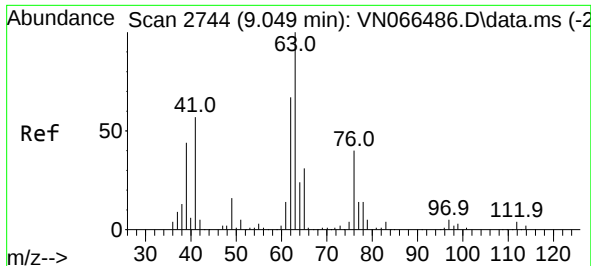


#43
Isopropyl Acetate
Concen: 2.76 ug/l
RT: 8.086 min Scan# 2385
Delta R.T. -0.003 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44



Tgt Ion: 43 Resp: 27397
Ion Ratio Lower Upper
43 100
61 19.4 15.5 23.3
87 12.1 10.5 15.7

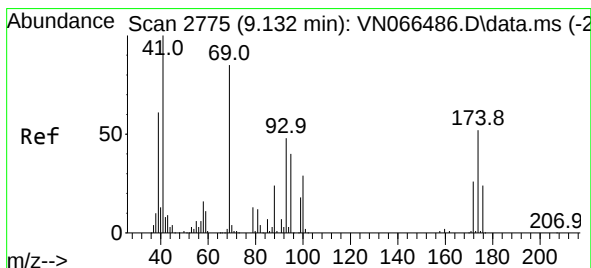
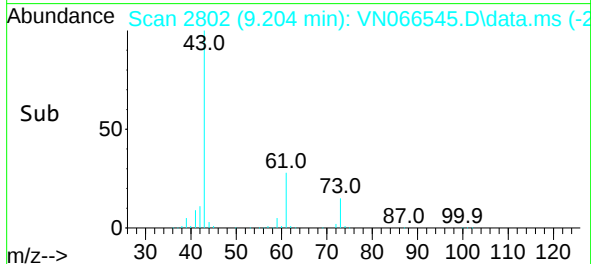
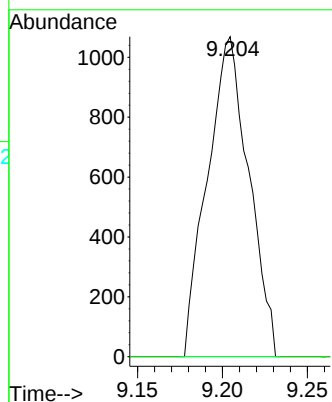
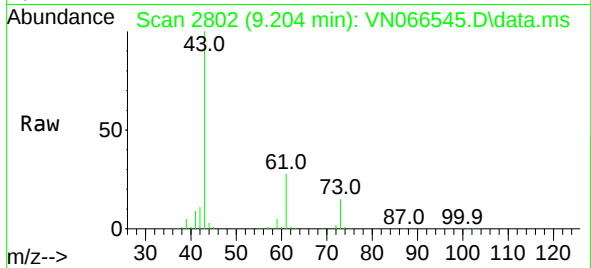




#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.155 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

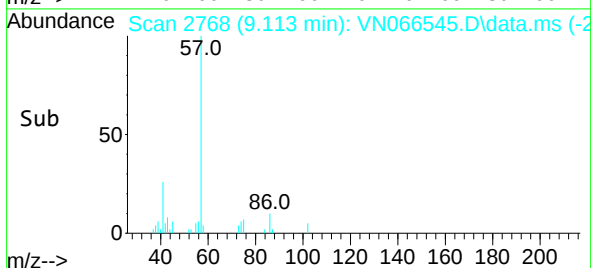
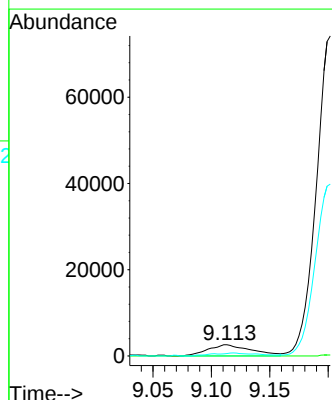
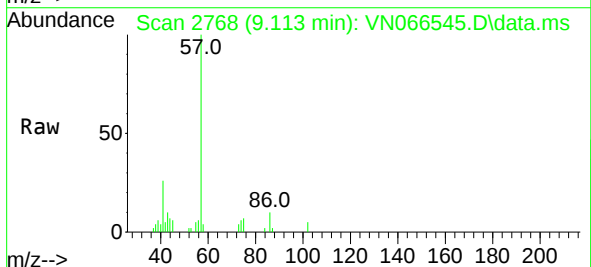
Instrument :
MSVOA_N
ClientSampled :

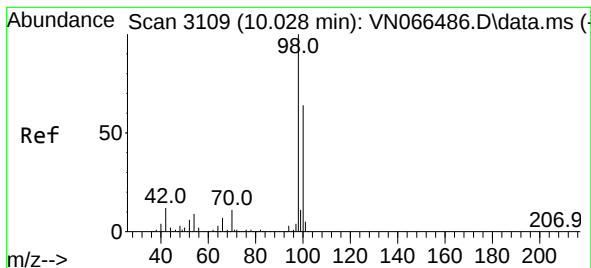
Tgt Ion: 63 Resp: 1810
Ion Ratio Lower Upper
63 100
65 0.0 25.5 38.3#



#48
Methyl methacrylate
Concen: 1.52 ug/l
RT: 9.113 min Scan# 2768
Delta R.T. -0.019 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Tgt Ion: 41 Resp: 6700
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 0.0 51.5 77.3#

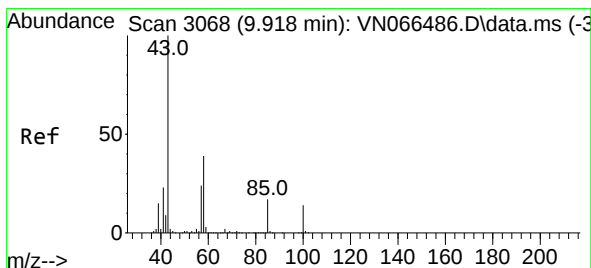
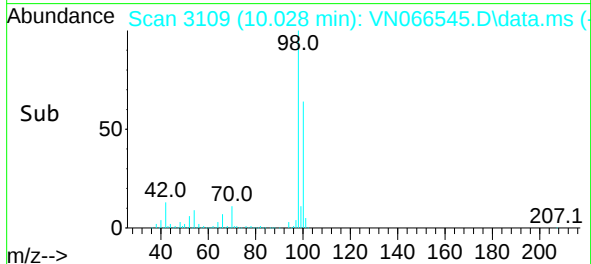
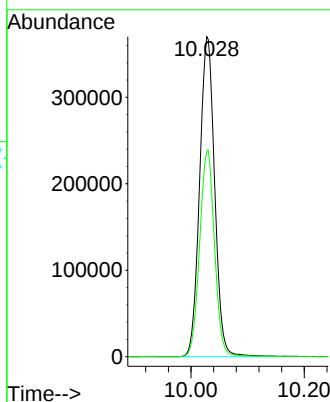
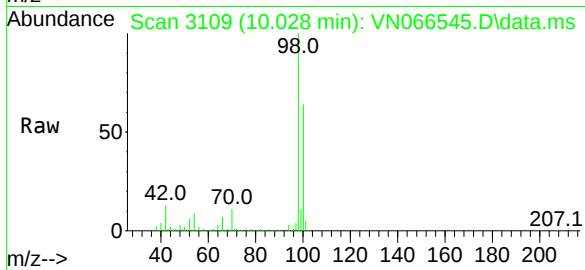




#50
Toluene-d8
Concen: 49.41 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

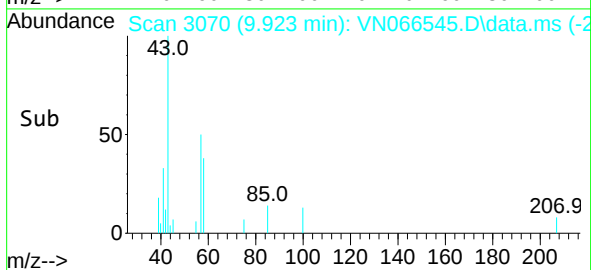
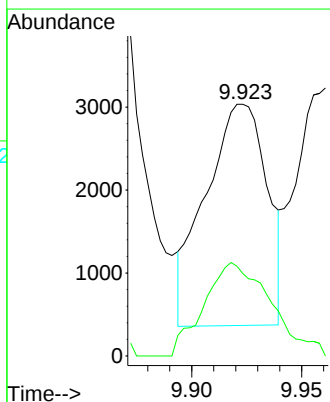
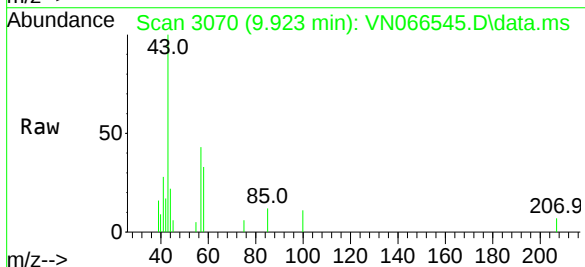
Instrument :
MSVOA_N
ClientSampled :

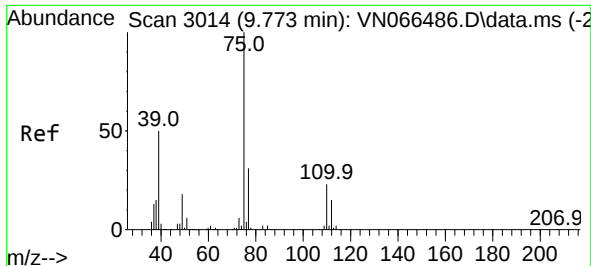
Tgt Ion: 98 Resp: 682223
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.88 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.005 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

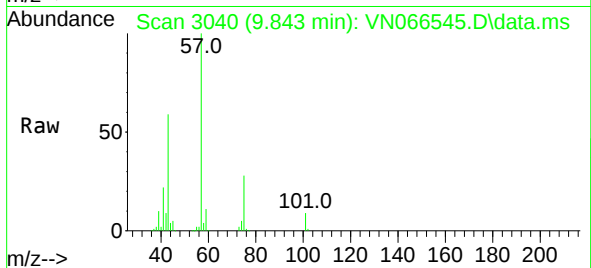
Tgt Ion: 43 Resp: 5199
Ion Ratio Lower Upper
43 100
58 45.8 30.8 46.2



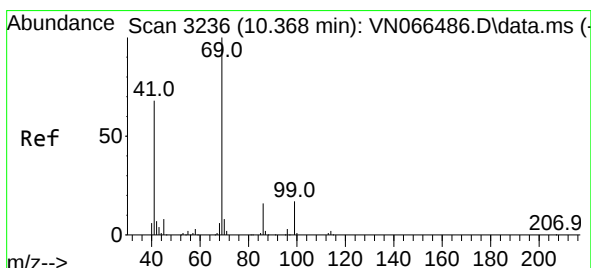
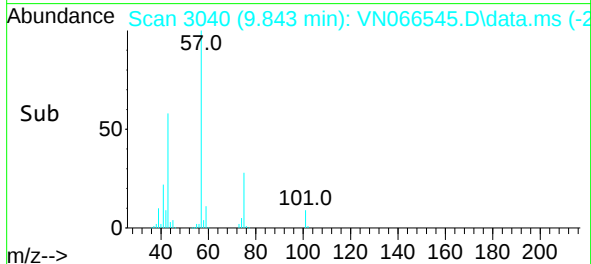
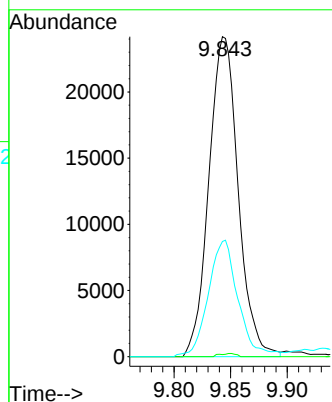


#54
cis-1,3-Dichloropropene
Concen: 6.58 ug/l
RT: 9.843 min Scan# 3040
Delta R.T. 0.070 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Instrument :
MSVOA_N
ClientSampled :

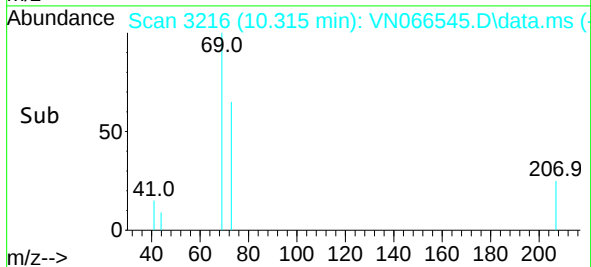
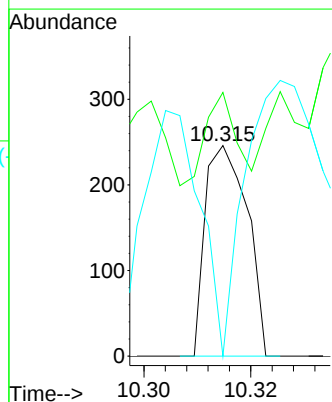
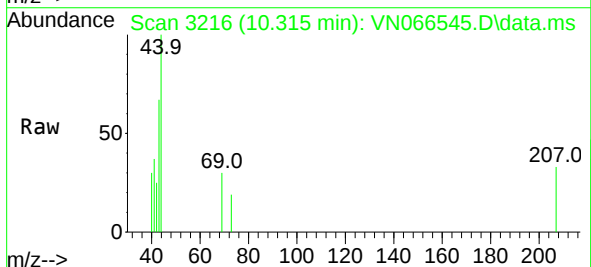


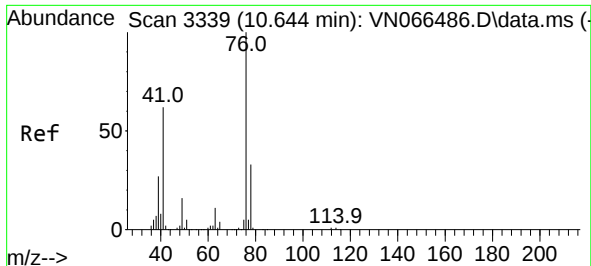
Tgt Ion: 75 Resp: 43478
Ion Ratio Lower Upper
75 100
77 0.6 25.4 38.2#
39 35.2 44.2 66.4#



#56
Ethyl methacrylate
Concen: 3.74 ug/l
RT: 10.315 min Scan# 3216
Delta R.T. -0.053 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Tgt Ion: 69 Resp: 134
Ion Ratio Lower Upper
69 100
41 0.0 55.3 82.9#
39 242.5 33.8 50.6#

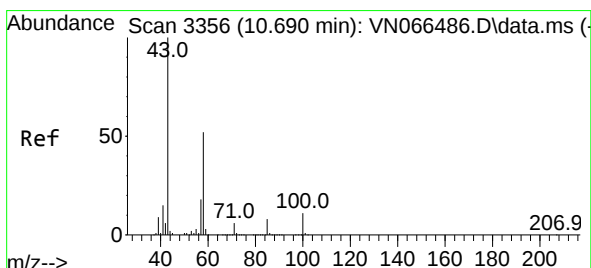
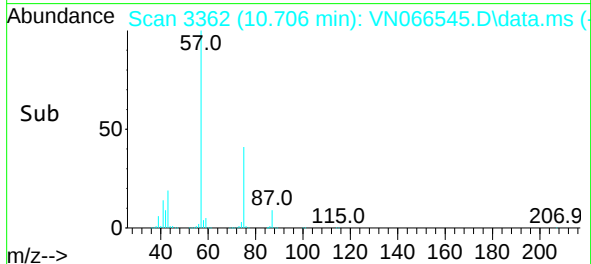
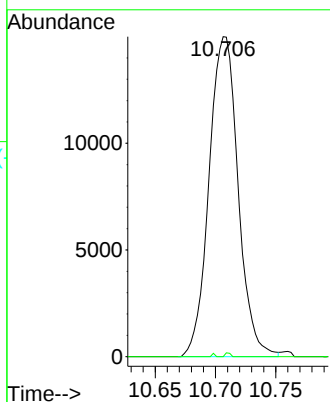
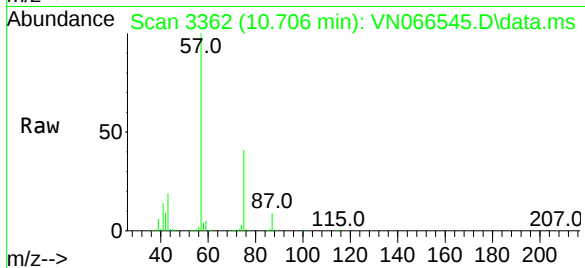




#57
1,3-Dichloropropane
Concen: 3.78 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.062 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

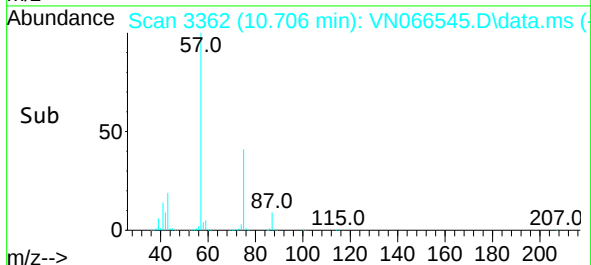
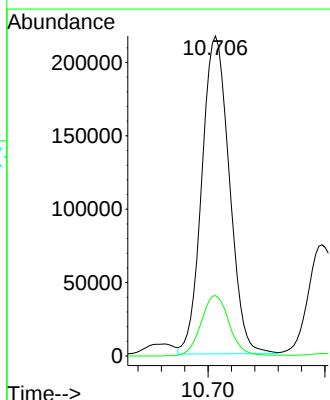
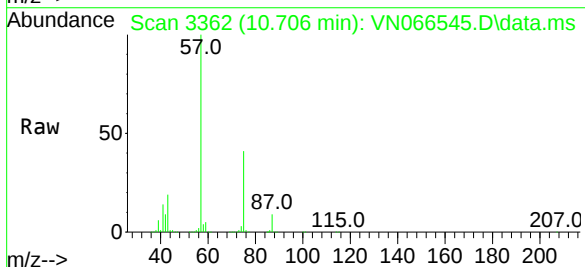
Instrument :
MSVOA_N
ClientSampled :

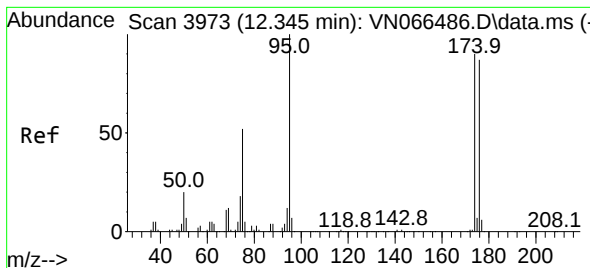
Tgt Ion: 76 Resp: 25177
Ion Ratio Lower Upper
76 100
78 0.2 25.9 38.9#



#59
2-Hexanone
Concen: 86.36 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.016 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Tgt Ion: 43 Resp: 353594
Ion Ratio Lower Upper
43 100
58 19.6 26.6 79.8#

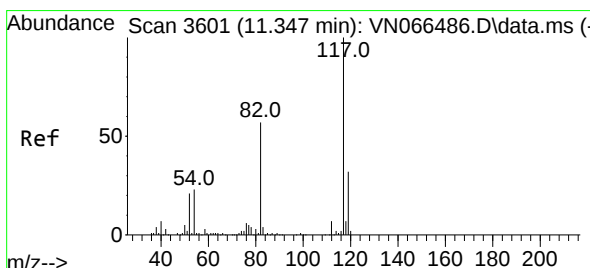
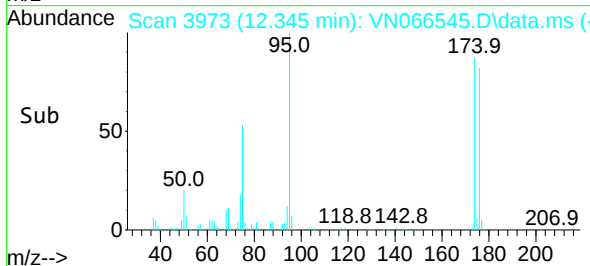
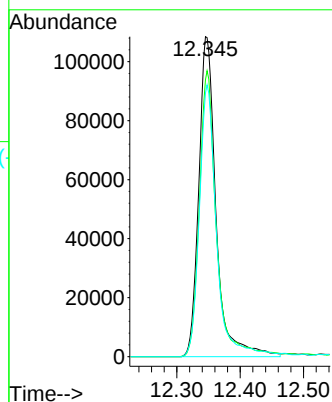
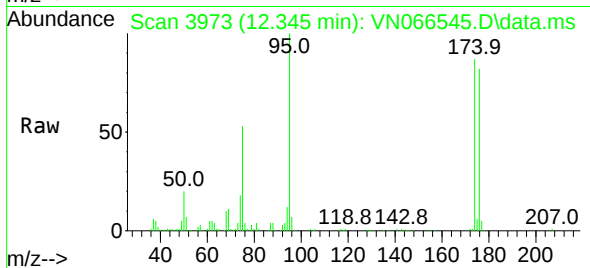




#62
4-Bromofluorobenzene
Concen: 45.86 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

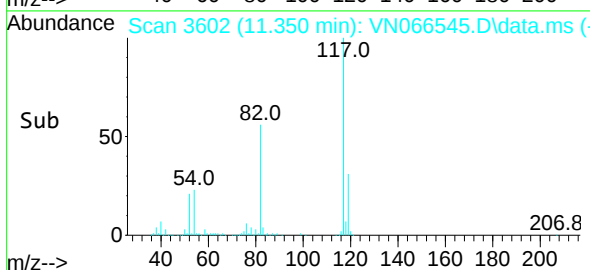
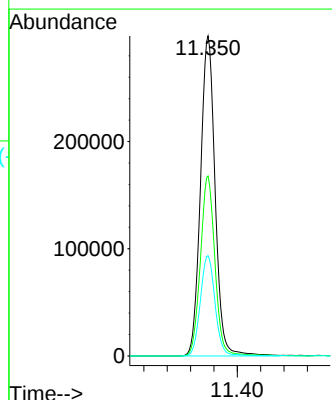
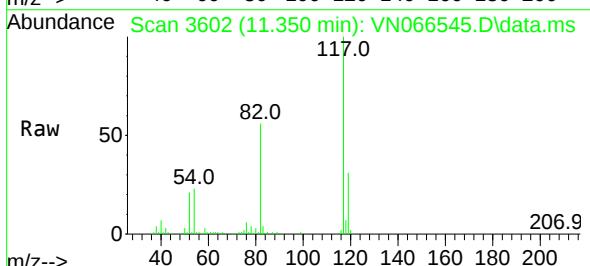
Instrument :
MSVOA_N
ClientSampleId :

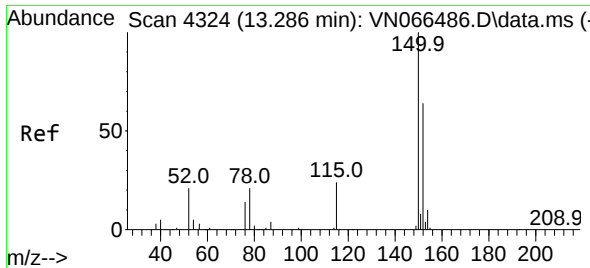
Tgt Ion: 95 Resp: 205350
Ion Ratio Lower Upper
95 100
174 88.3 0.0 172.2
176 83.1 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Tgt Ion: 117 Resp: 519956
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 31.4 25.8 38.6

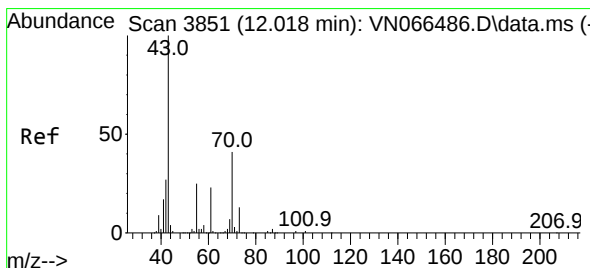
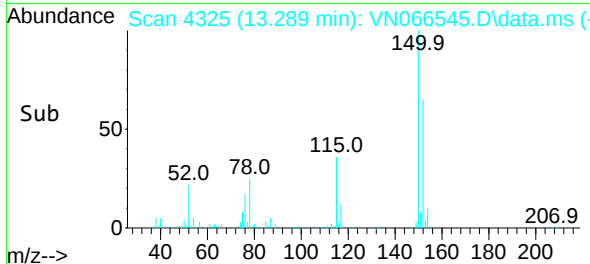
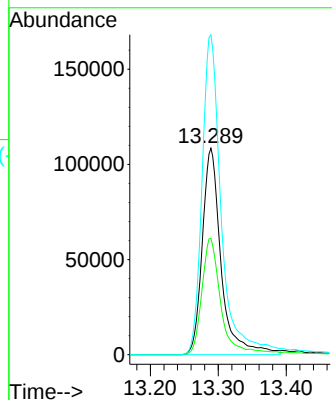
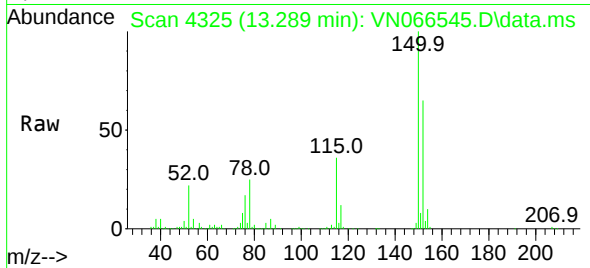




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

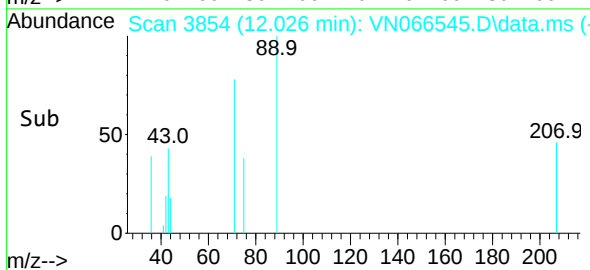
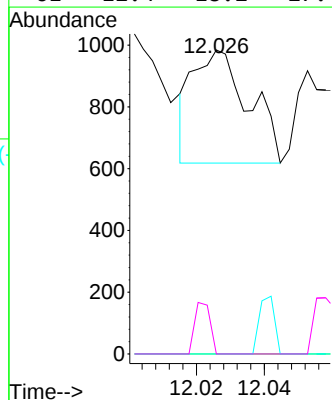
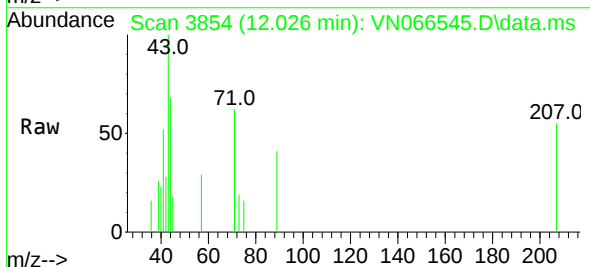
Instrument :
MSVOA_N
ClientSampleId :

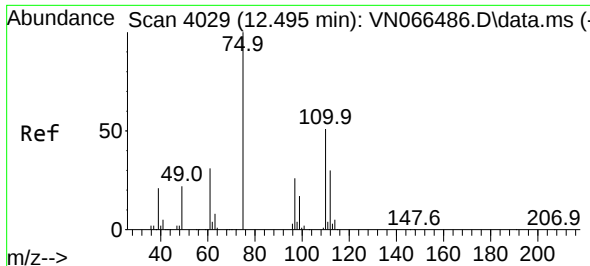
Tgt Ion:152 Resp: 209964
Ion Ratio Lower Upper
152 100
115 54.2 27.8 83.4
150 154.6 0.0 348.4



#74
N-ethyl acetate
Concen: 12.79 ug/l
RT: 12.026 min Scan# 3854
Delta R.T. 0.008 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 12.4 18.2 27.4#

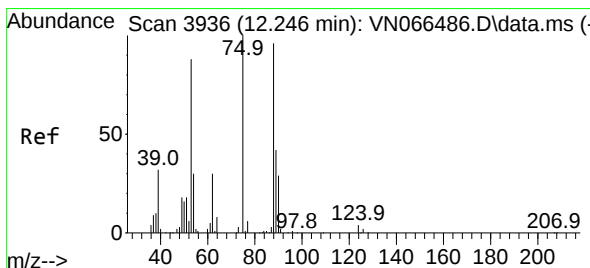
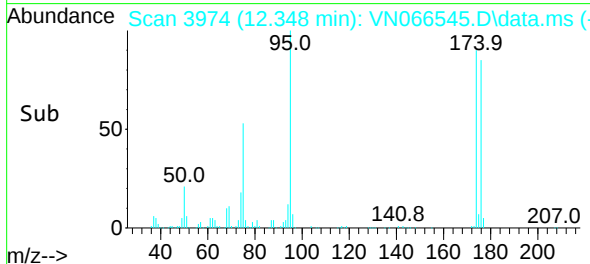
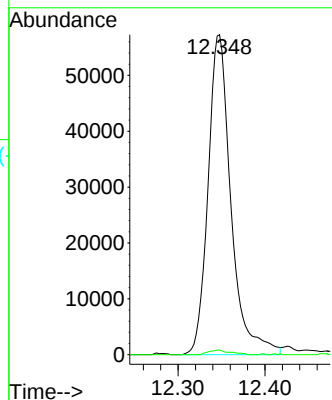
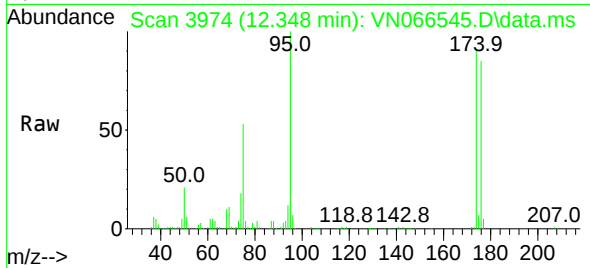




#76
1,2,3-Trichloropropane
Concen: 22.17 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. -0.147 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

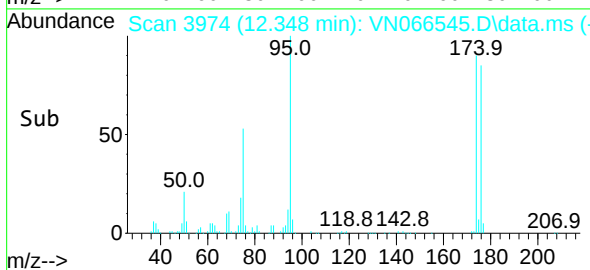
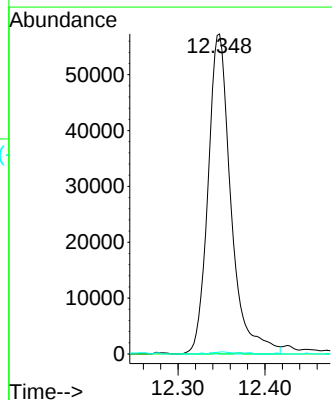
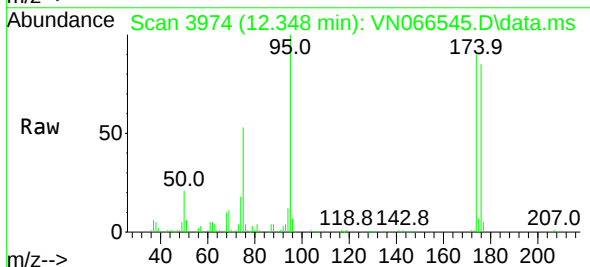
Instrument :
MSVOA_N
ClientSampled :

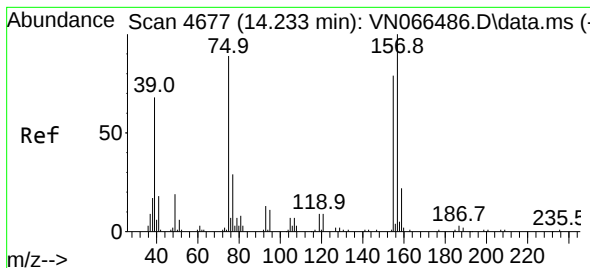
Tgt Ion: 75 Resp: 104990
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.66 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Tgt Ion: 75 Resp: 104990
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.5 35.7 53.5#

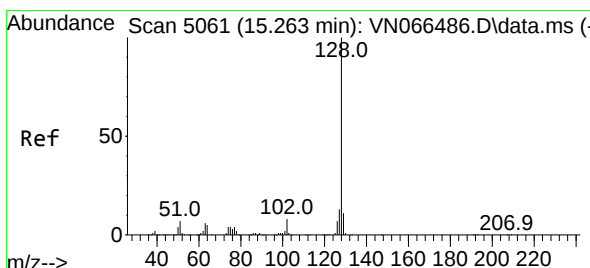
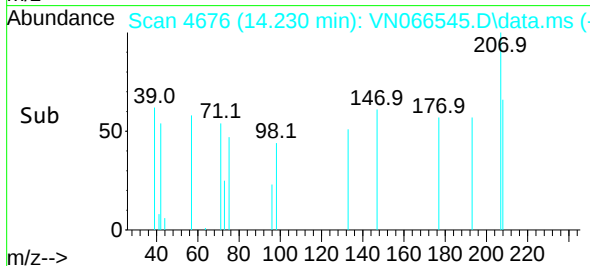
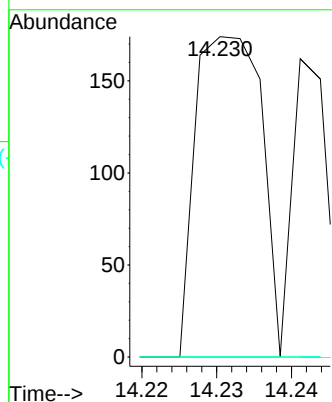
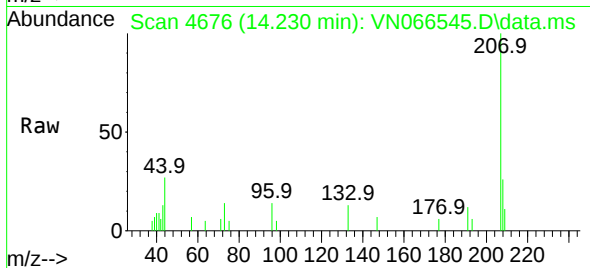




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.43 ug/l
RT: 14.230 min Scan# 4676
Delta R.T. -0.003 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 106
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#



#95
Naphthalene
Concen: 1.99 ug/l
RT: 15.290 min Scan# 5071
Delta R.T. 0.027 min
Lab File: VN066545.D
Acq: 8 Apr 2021 16:44

Tgt Ion: 128 Resp: 220
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#

