

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066790.D
 Acq On : 27 Apr 2021 18:49
 Operator : JC/MD
 Sample : M2176-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 28 08:12:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

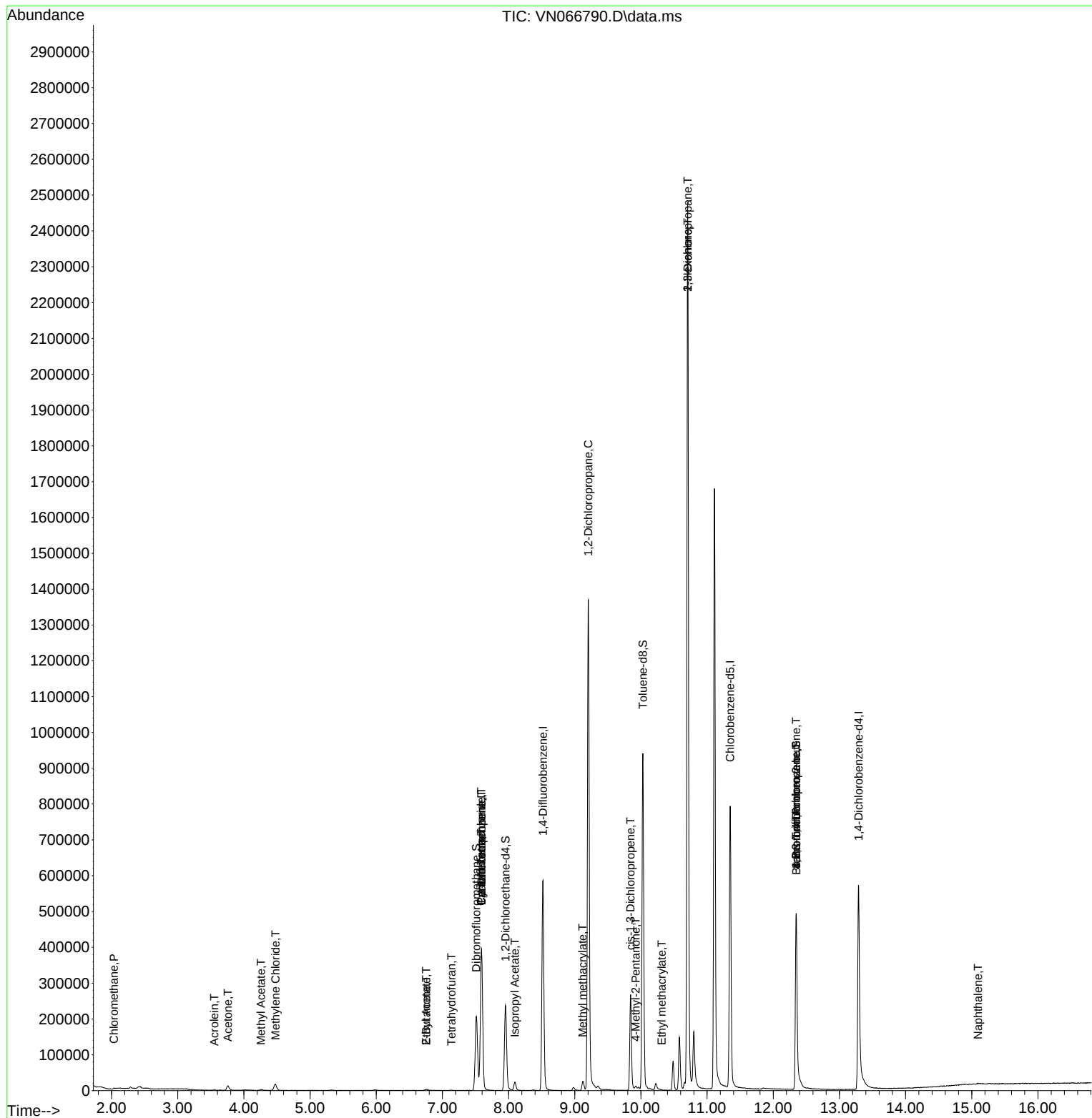
Internal Standards						
1) Pentafluorobenzene	7.591	168	346502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	536174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	481794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	209726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	206710	46.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.86%		
35) Dibromofluoromethane	7.513	113	165331	49.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.90%		
50) Toluene-d8	10.029	98	655842	50.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.96%		
62) 4-Bromofluorobenzene	12.346	95	209439	47.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.30%		
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1277	0.26	ug/l	97
13) Acrolein	3.552	56	817	1.42	ug/l	99
16) Acetone	3.759	43	22007	13.10	ug/l	97
18) Methyl Acetate	4.257	43	4748	2.14	ug/l #	58
20) Methylene Chloride	4.477	84	13096	3.08	ug/l	97
25) 2-Butanone	6.754	43	6431	2.72	ug/l #	81
29) Tetrahydrofuran	7.138	42	574	0.36	ug/l #	32
31) Cyclohexane	7.588	56	6779	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	24464	4.91	ug/l #	43
37) Ethyl Acetate	6.754	43	6431	1.22	ug/l #	68
38) Carbon Tetrachloride	7.588	117	31534	6.60	ug/l #	16
43) Isopropyl Acetate	8.095	43	29527	3.51	ug/l #	87
45) 1,2-Dichloropropane	9.203	63	1745	0.42	ug/l #	44
48) Methyl methacrylate	9.117	41	6787	1.85	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	6993	1.53	ug/l	93
54) cis-1,3-Dichloropropene	9.844	75	51530	8.13	ug/l #	62
56) Ethyl methacrylate	10.313	69	82	3.18	ug/l #	27
57) 1,3-Dichloropropane	10.708	76	25559	4.18	ug/l #	43
59) 2-Hexanone	10.708	43	367786	113.82	ug/l #	49
71) Bromoform	12.349	173	1166	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	103372	23.39	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	103372	63.15	ug/l #	12
95) Naphthalene	15.093	128	2419	0.26	ug/l #	69

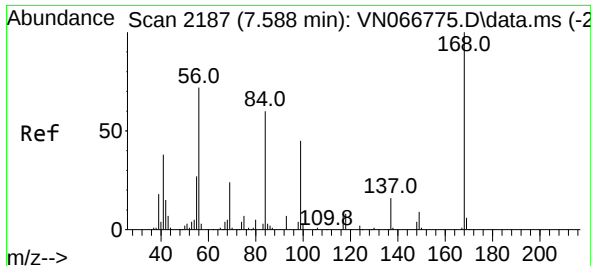
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
Data File : VN066790.D
Acq On : 27 Apr 2021 18:49
Operator : JC/MD
Sample : M2176-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 28 08:12:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

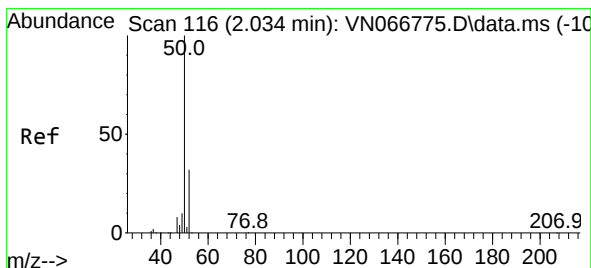
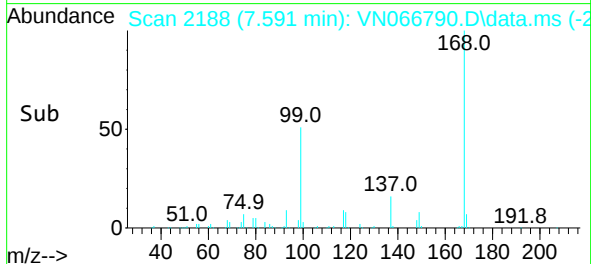
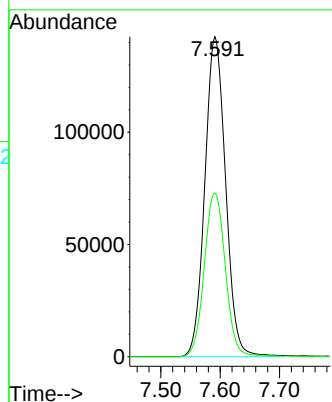
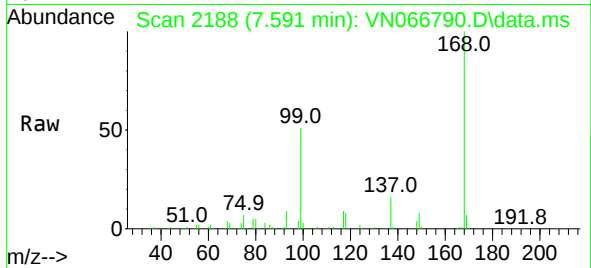




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

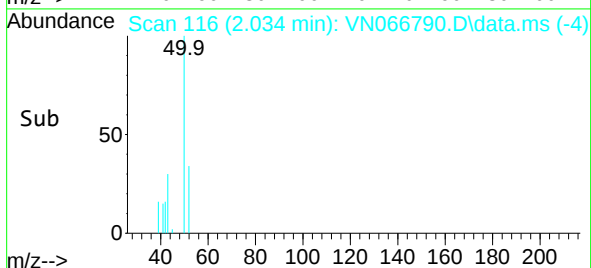
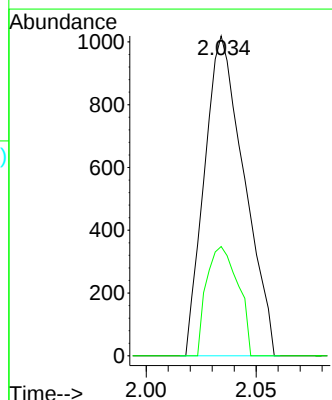
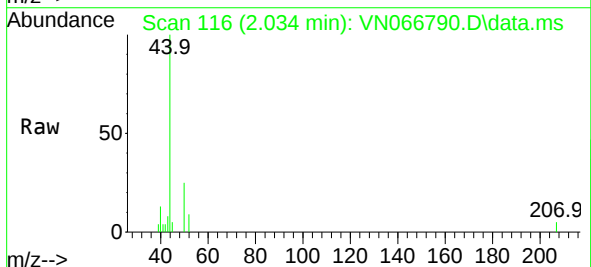
Instrument :
MSVOA_N
ClientSampled :

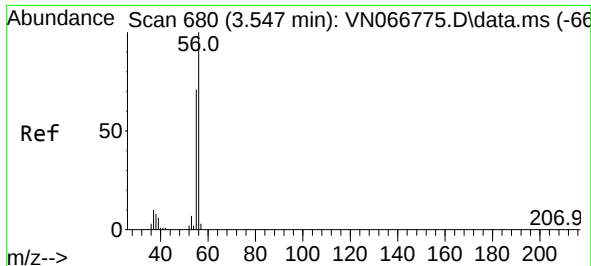
Tgt Ion:168 Resp: 346502
Ion Ratio Lower Upper
168 100
99 51.2 42.6 63.8



#3
Chloromethane
Concen: 0.26 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion: 50 Resp: 1277
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.8

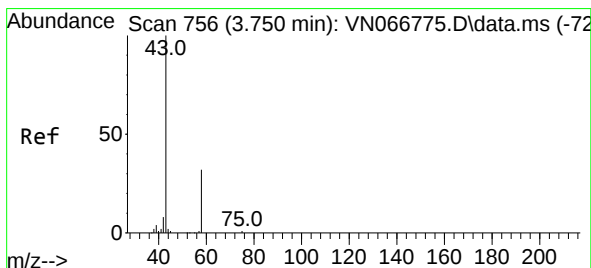
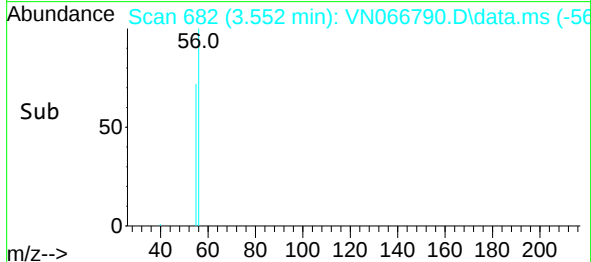
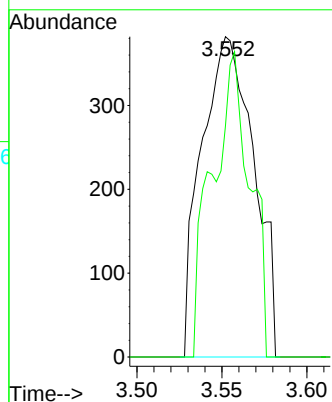
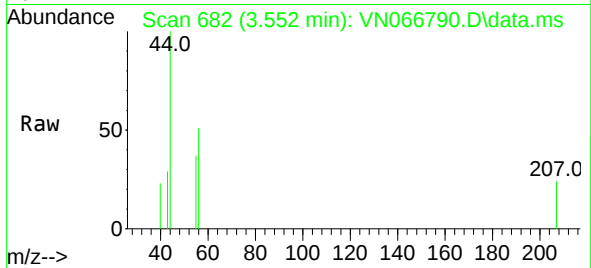




#13
Acrolein
Concen: 1.42 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

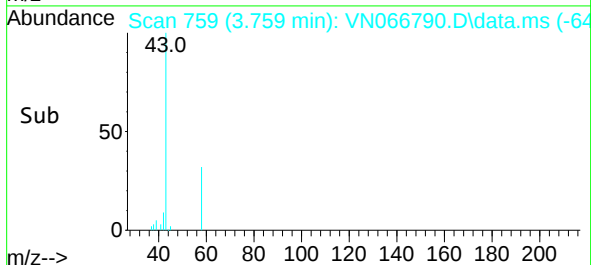
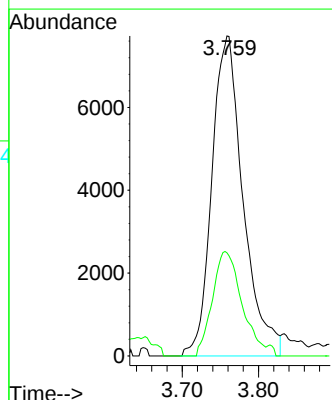
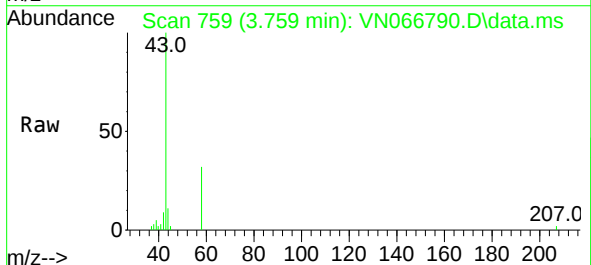
Instrument :
MSVOA_N
ClientSampled :

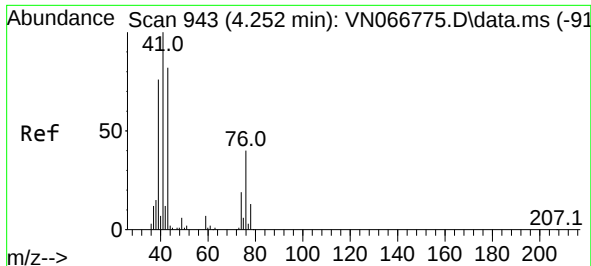
Tgt Ion: 56 Resp: 817
Ion Ratio Lower Upper
56 100
55 69.5 56.0 84.0



#16
Acetone
Concen: 13.10 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.009 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

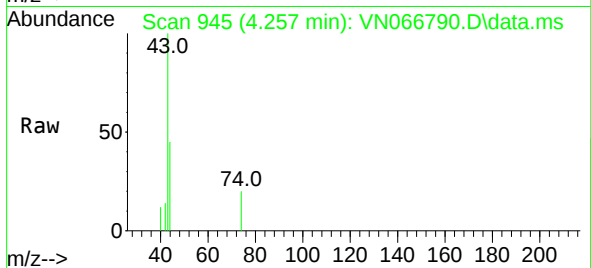
Tgt Ion: 43 Resp: 22007
Ion Ratio Lower Upper
43 100
58 32.2 27.0 40.6



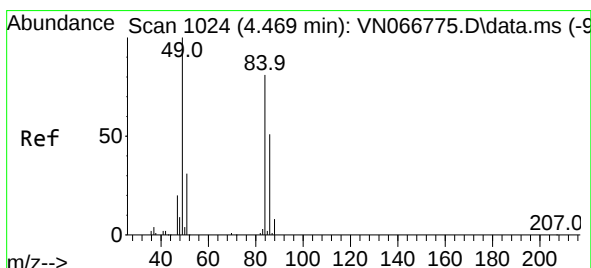
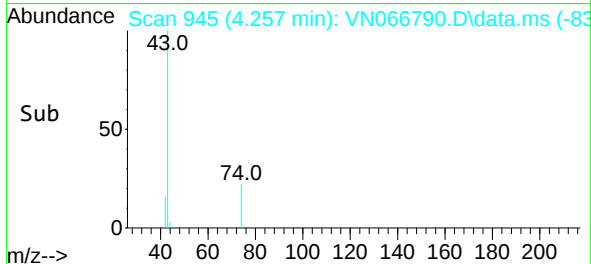
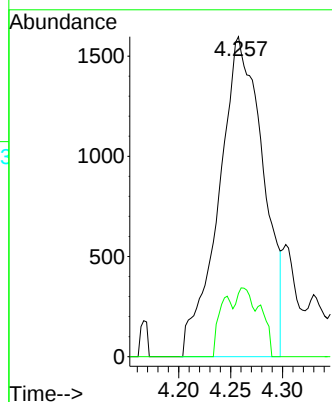


#18
Methyl Acetate
Concen: 2.14 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Instrument :
MSVOA_N
ClientSampled :

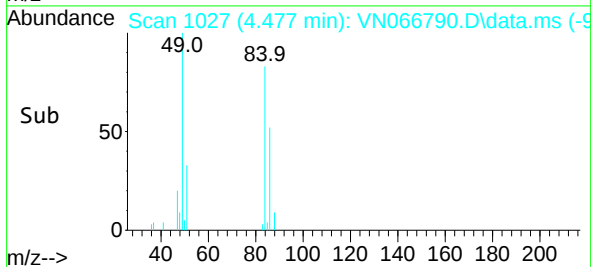
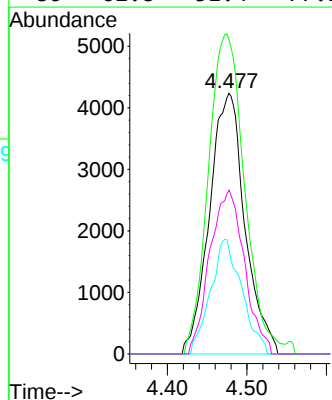
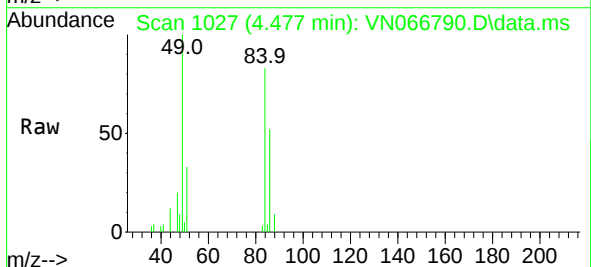


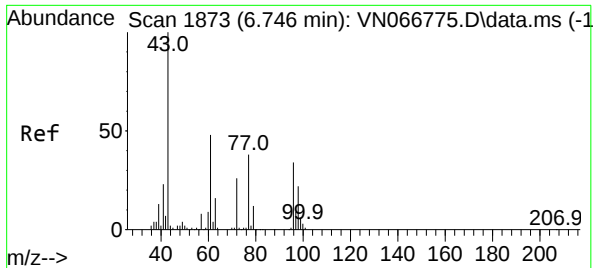
Tgt Ion: 43 Resp: 4748
Ion Ratio Lower Upper
43 100
74 3.4 19.5 29.3#



#20
Methylene Chloride
Concen: 3.08 ug/l
RT: 4.477 min Scan# 1027
Delta R.T. 0.008 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion: 84 Resp: 13096
Ion Ratio Lower Upper
84 100
49 120.6 94.6 141.8
51 40.2 29.9 44.9
86 62.8 51.4 77.2

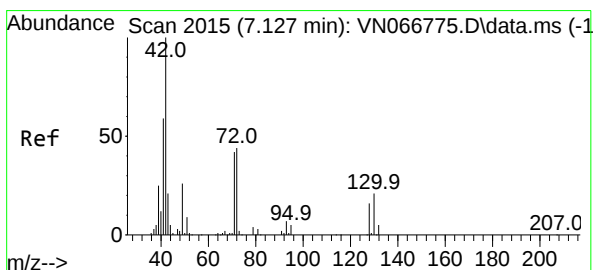
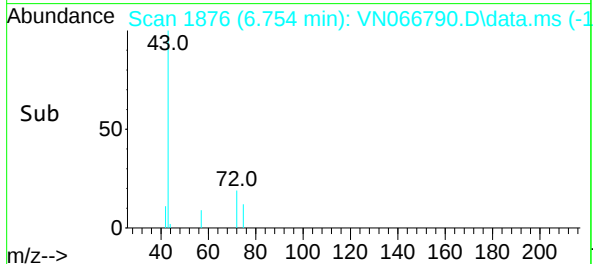
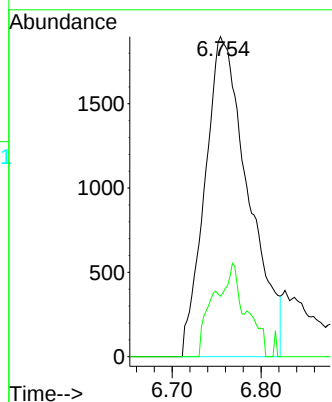
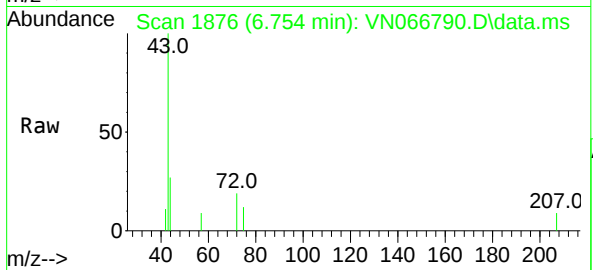




#25
2-Butanone
Concen: 2.72 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

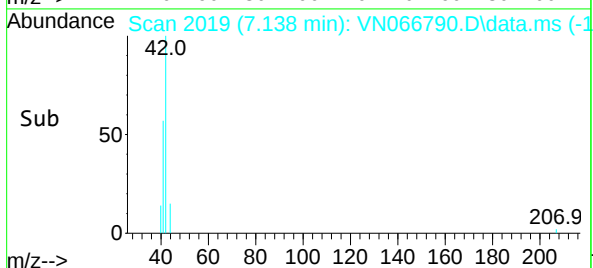
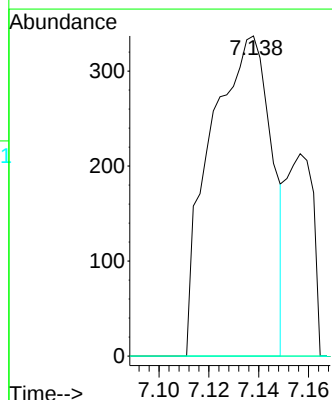
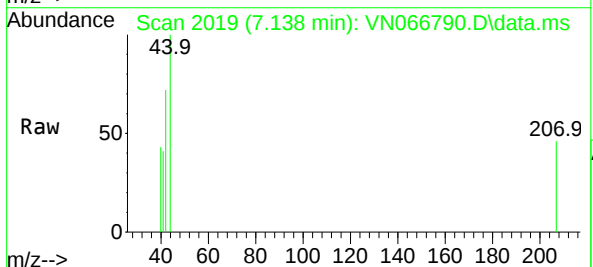
Instrument :
MSVOA_N
ClientSampled :

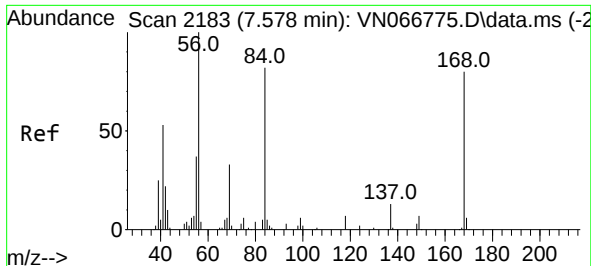
Tgt Ion: 43 Resp: 6431
Ion Ratio Lower Upper
43 100
72 18.9 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 7.138 min Scan# 2019
Delta R.T. 0.011 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

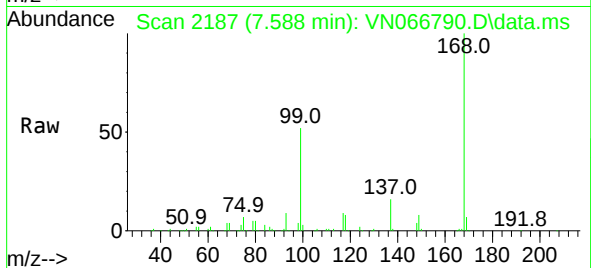
Tgt Ion: 42 Resp: 574
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



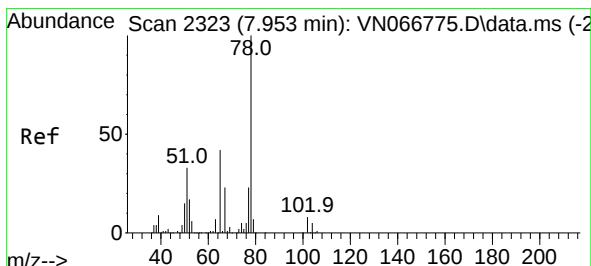
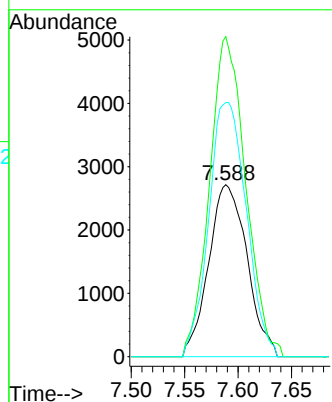
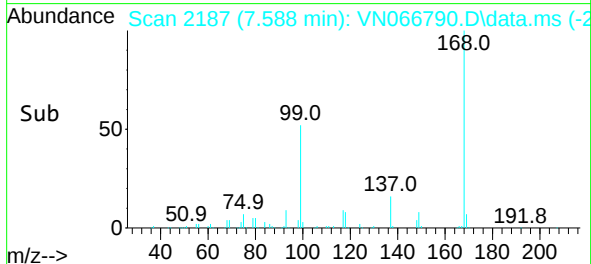


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

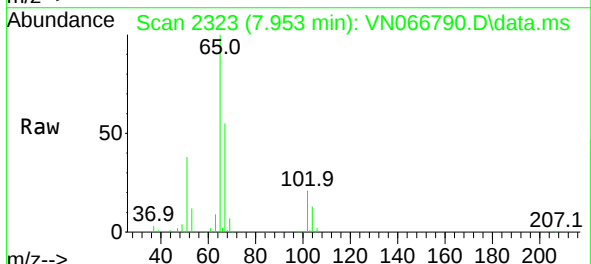
Instrument :
MSVOA_N
ClientSampled :



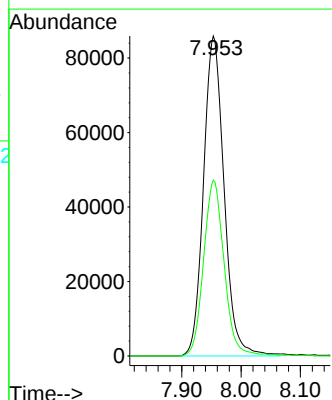
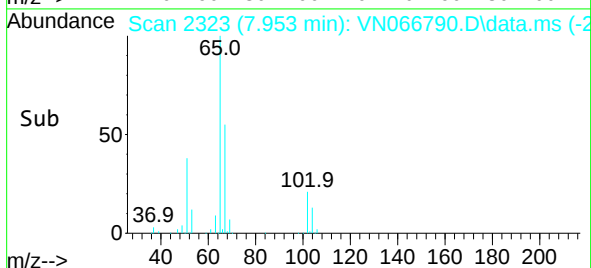
Tgt Ion: 56 Resp: 6779
Ion Ratio Lower Upper
56 100
69 186.1 26.6 39.8#
84 147.8 70.4 105.6#

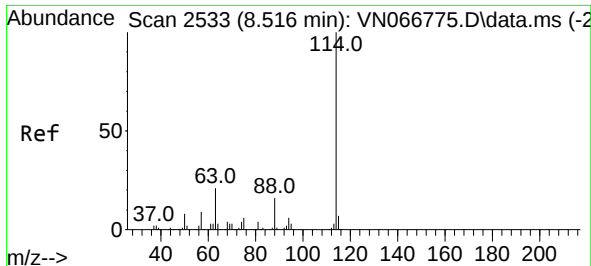


#33
1,2-Dichloroethane-d4
Concen: 46.43 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49



Tgt Ion: 65 Resp: 206710
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.2

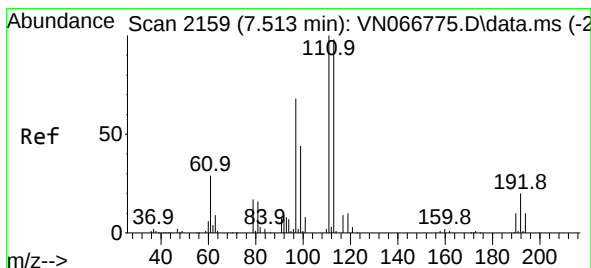
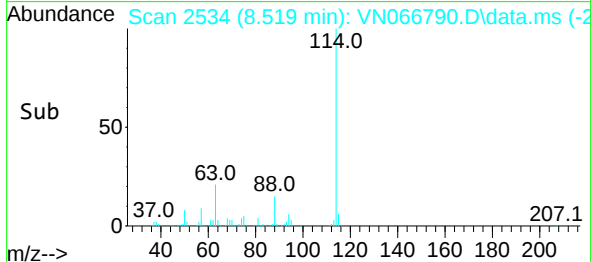
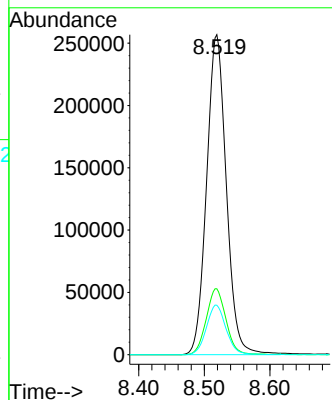
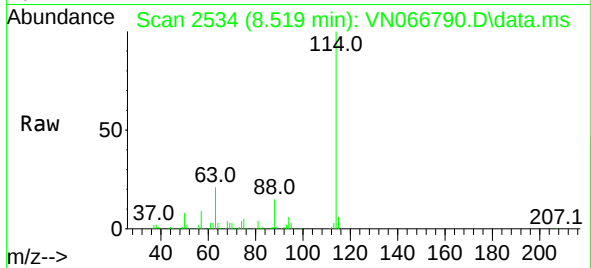




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

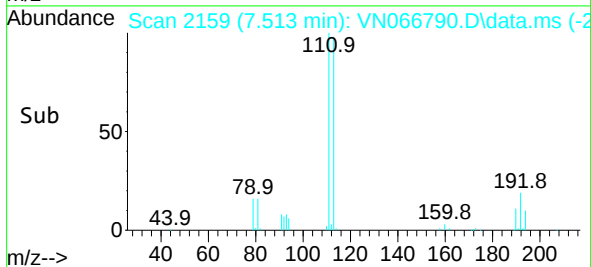
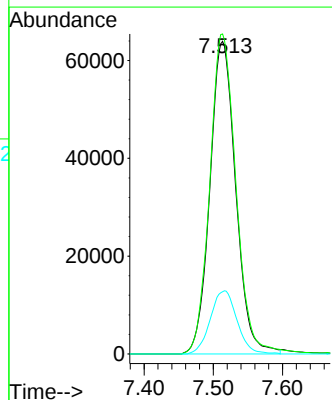
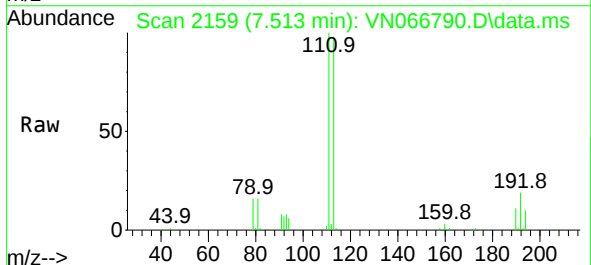
Instrument :
MSVOA_N
ClientSampleId :

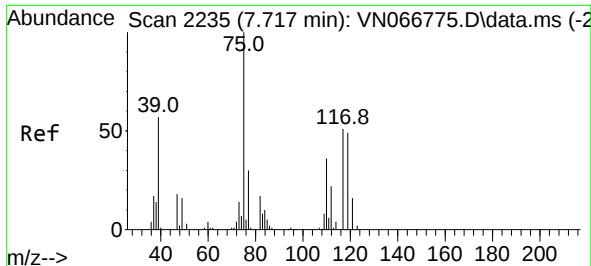
Tgt Ion:114 Resp: 536174
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.95 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion:113 Resp: 165331
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 20.9 15.4 23.0

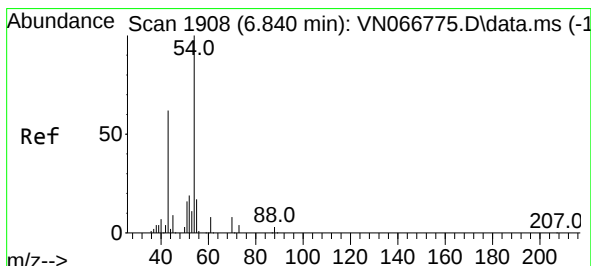
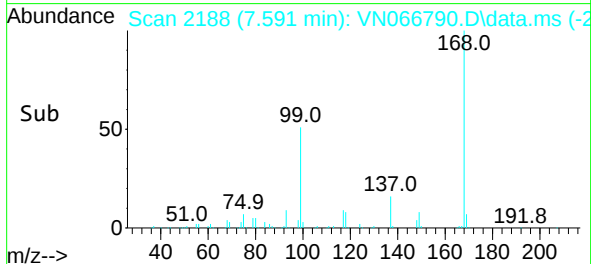
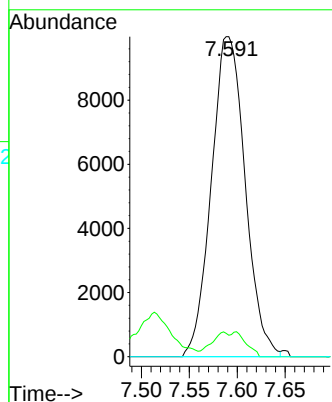
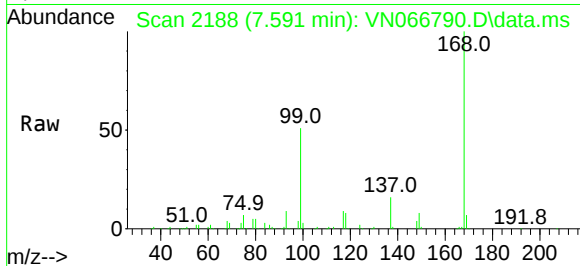




#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

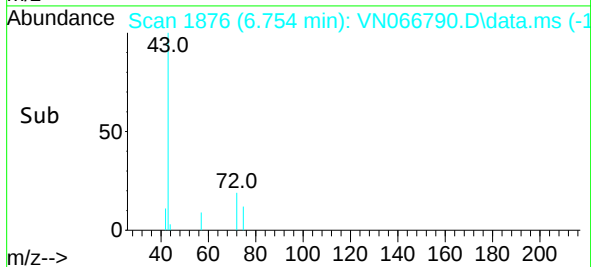
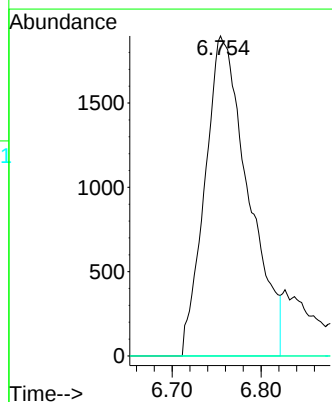
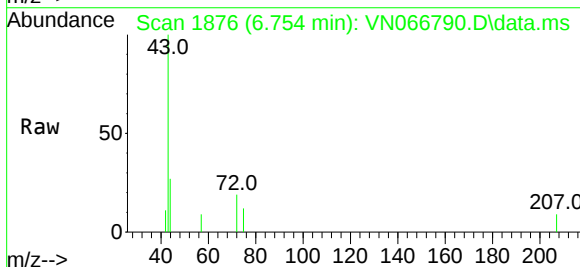
Instrument :
MSVOA_N
ClientSampleId :

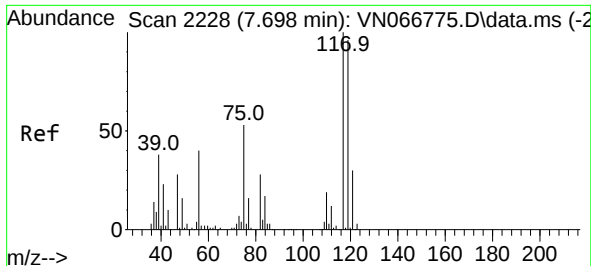
Tgt Ion: 75 Resp: 24464
Ion Ratio Lower Upper
75 100
110 2.7 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.22 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. -0.086 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

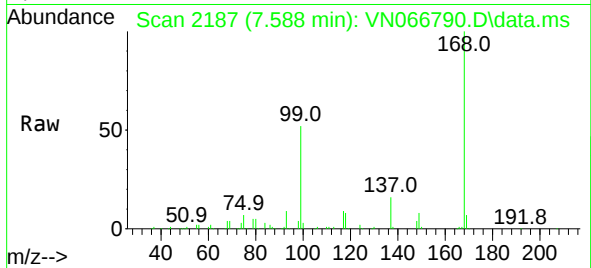
Tgt Ion: 43 Resp: 6431
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



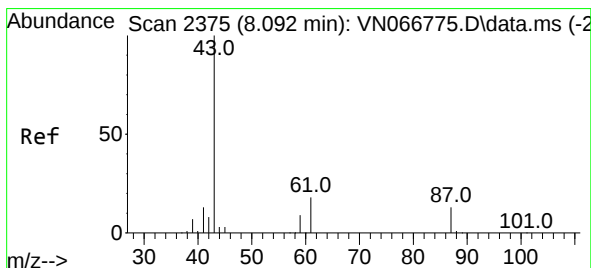
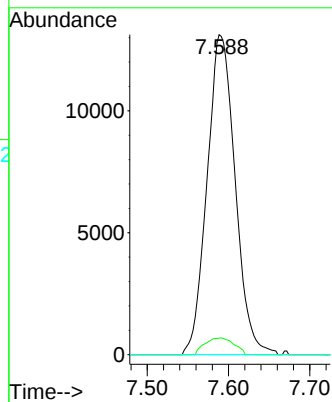
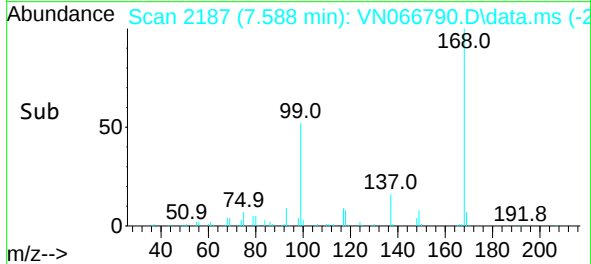


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.110 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

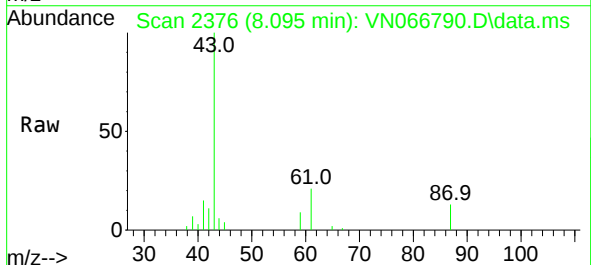
Instrument :
MSVOA_N
ClientSampled :



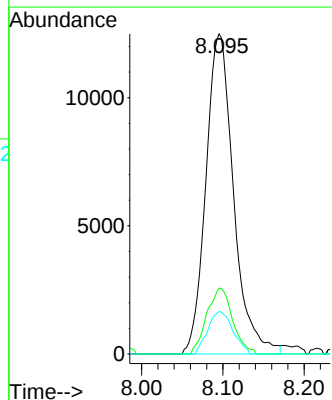
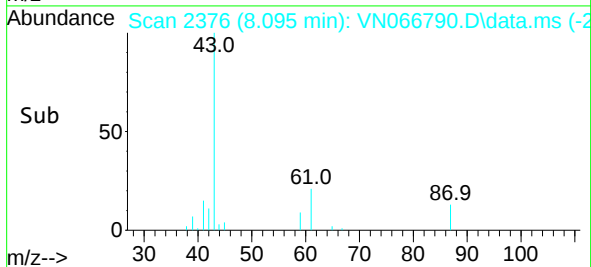
Tgt Ion: 117 Resp: 31534
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#

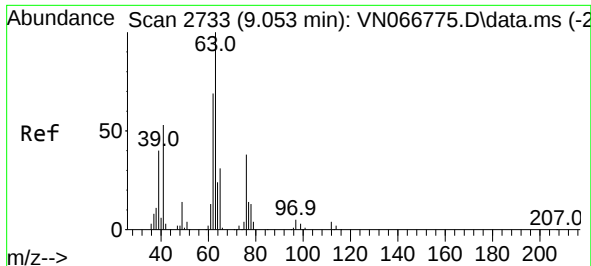


#43
Isopropyl Acetate
Concen: 3.51 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.003 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49



Tgt Ion: 43 Resp: 29527
Ion Ratio Lower Upper
43 100
61 19.1 22.5 33.7#
87 12.1 11.1 16.7





#45

1,2-Dichloropropane

Concen: 0.42 ug/l

RT: 9.203 min Scan# 2789

Delta R.T. 0.150 min

Lab File: VN066790.D

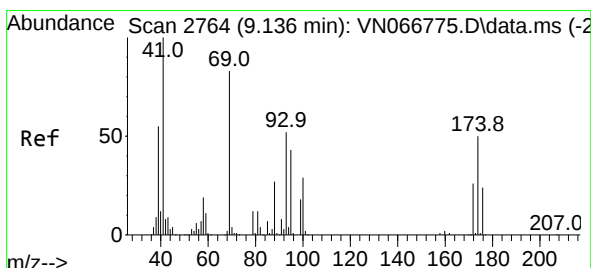
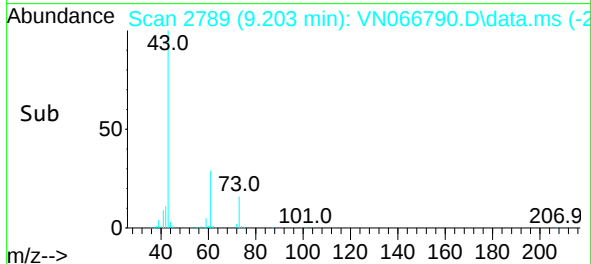
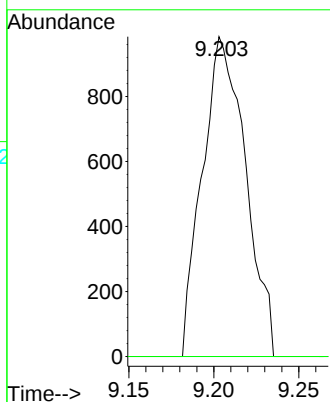
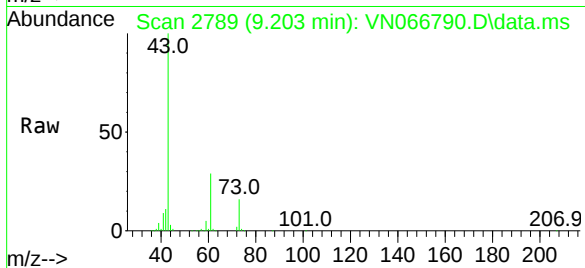
Acq: 27 Apr 2021 18:49

Tgt Ion: 63 Resp: 1745

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 1.85 ug/l

RT: 9.117 min Scan# 2757

Delta R.T. -0.019 min

Lab File: VN066790.D

Acq: 27 Apr 2021 18:49

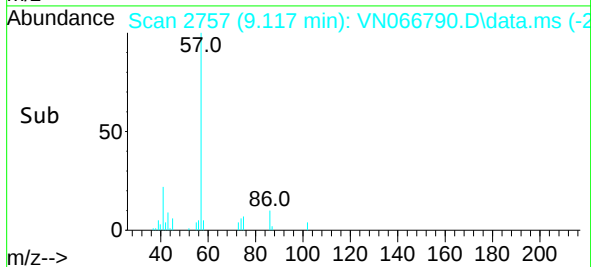
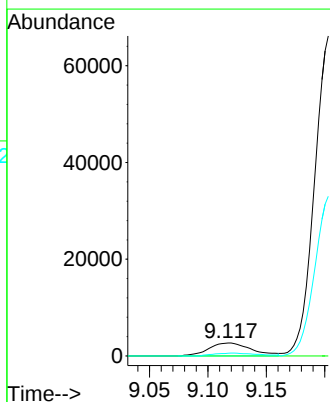
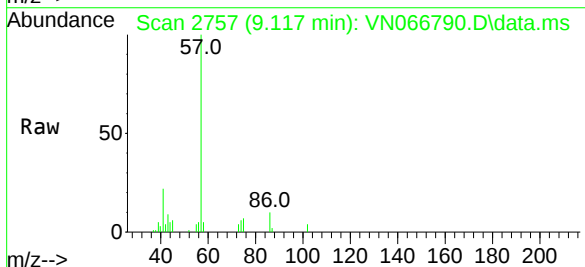
Tgt Ion: 41 Resp: 6787

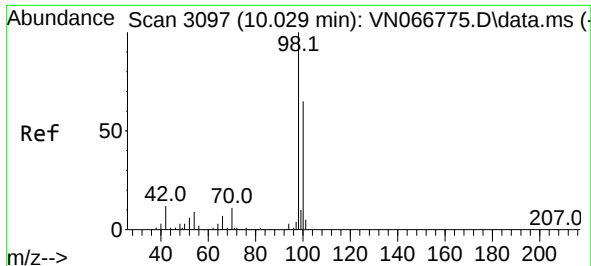
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 46.6 69.8#

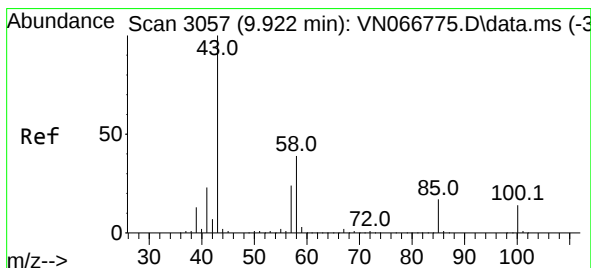
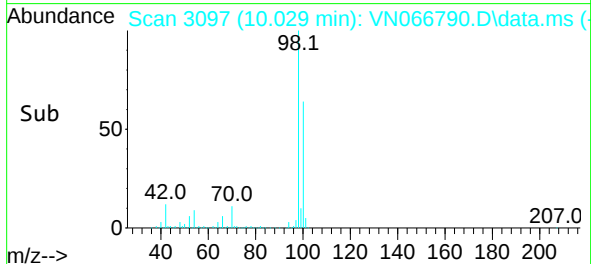
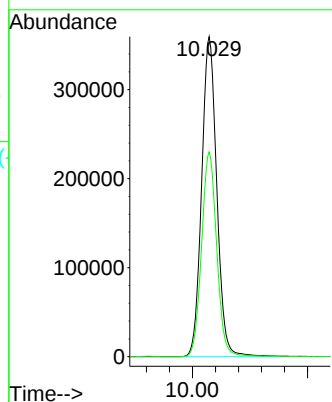
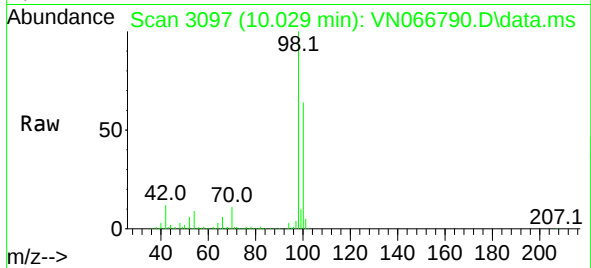




#50
Toluene-d8
Concen: 50.48 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

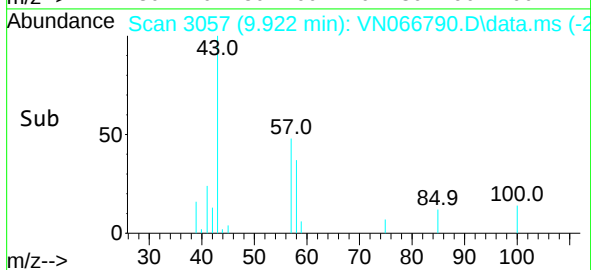
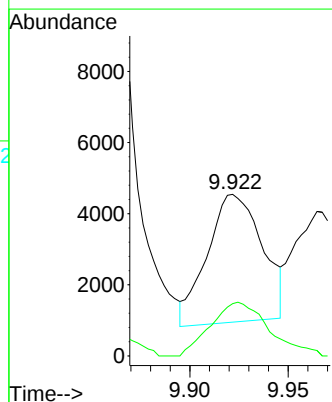
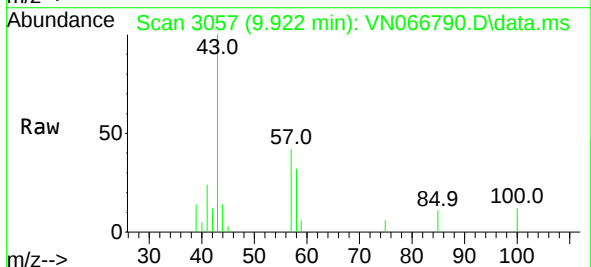
Instrument :
MSVOA_N
ClientSampled :

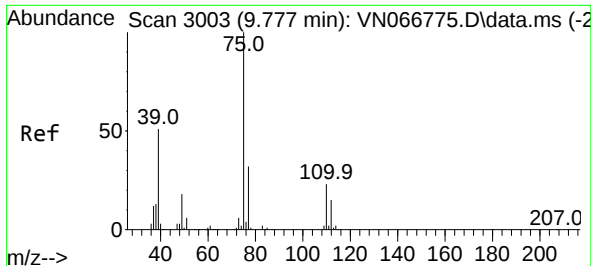
Tgt Ion: 98 Resp: 655842
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion: 43 Resp: 6993
Ion Ratio Lower Upper
43 100
58 44.8 32.5 48.7

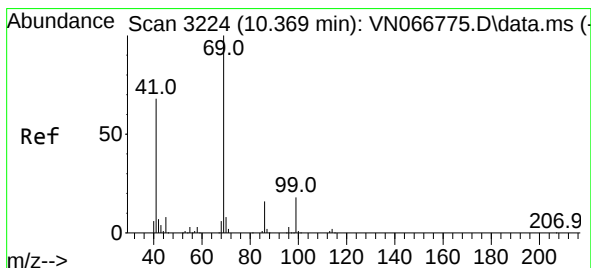
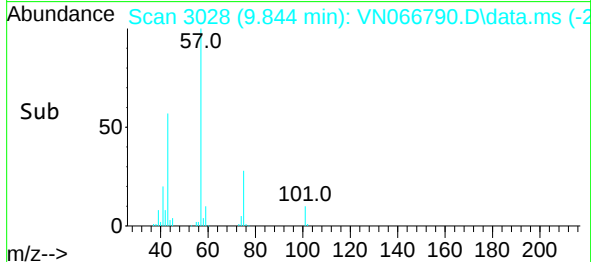
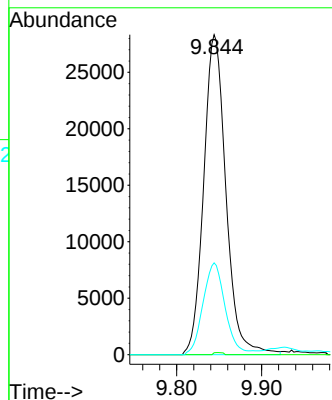
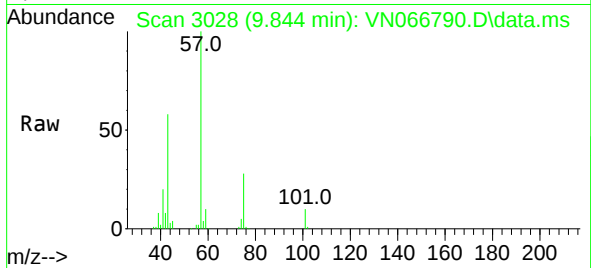




#54
cis-1,3-Dichloropropene
Concen: 8.13 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

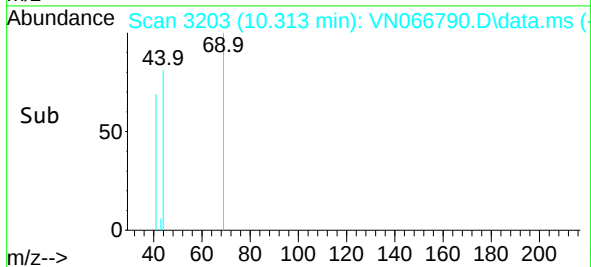
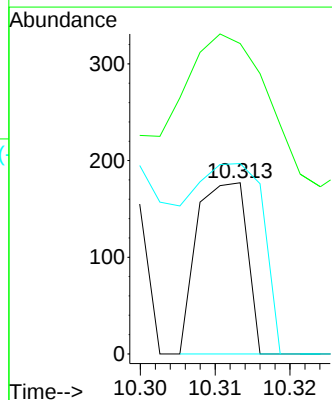
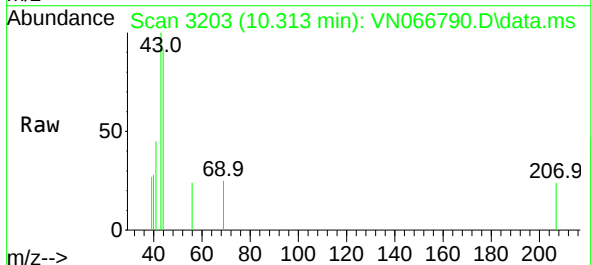
Instrument :
MSVOA_N
ClientSampled :

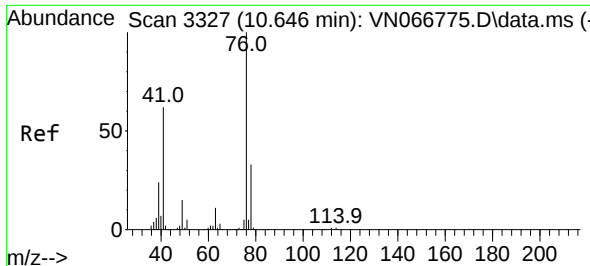
Tgt Ion: 75 Resp: 51530
Ion Ratio Lower Upper
75 100
77 0.6 24.9 37.3#
39 28.7 36.2 54.4#



#56
Ethyl methacrylate
Concen: 3.18 ug/l
RT: 10.313 min Scan# 3203
Delta R.T. -0.056 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion: 69 Resp: 82
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

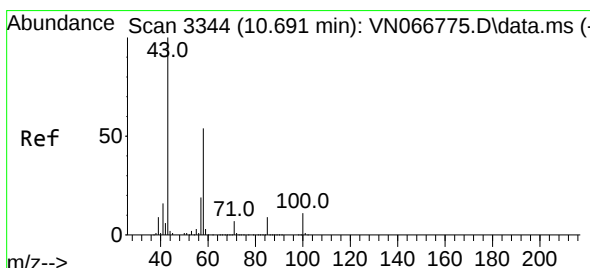
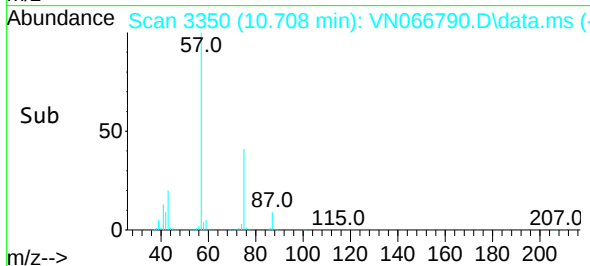
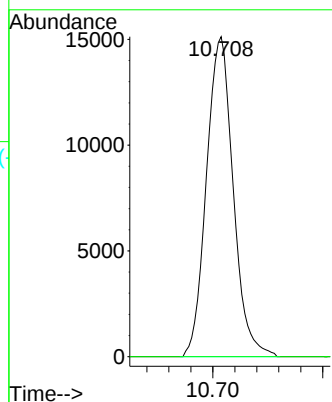
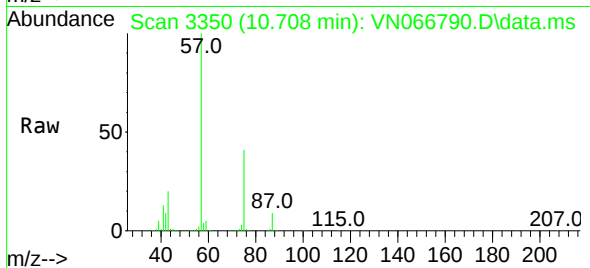




#57
1,3-Dichloropropane
Concen: 4.18 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.062 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

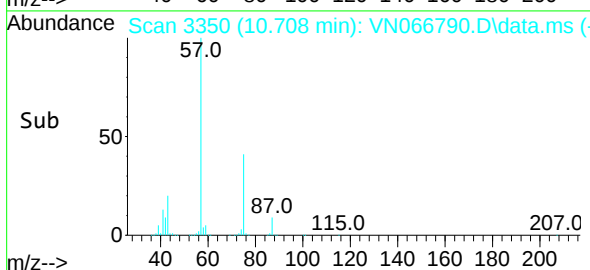
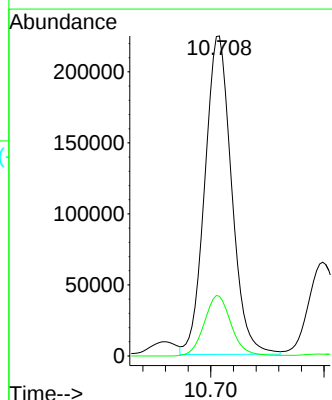
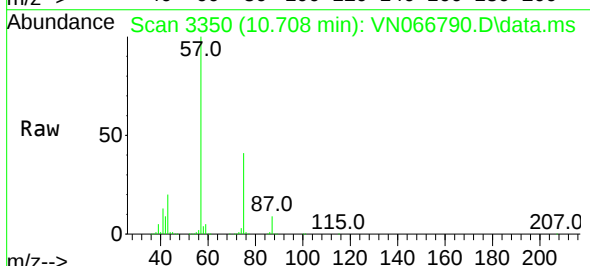
Instrument :
MSVOA_N
ClientSampled :

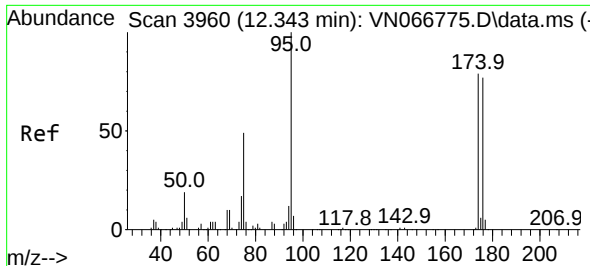
Tgt Ion: 76 Resp: 25559
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 113.82 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.017 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion: 43 Resp: 367786
Ion Ratio Lower Upper
43 100
58 19.3 28.1 84.3#

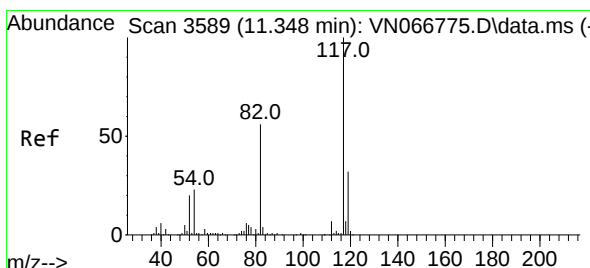
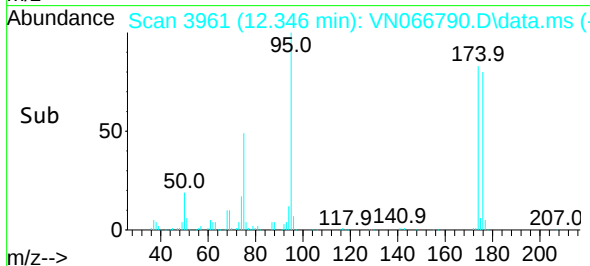
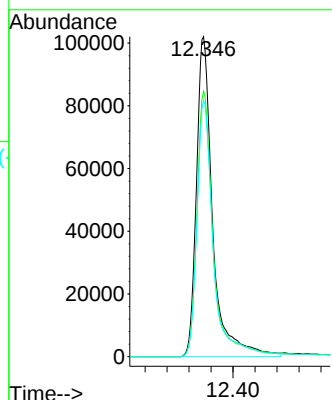
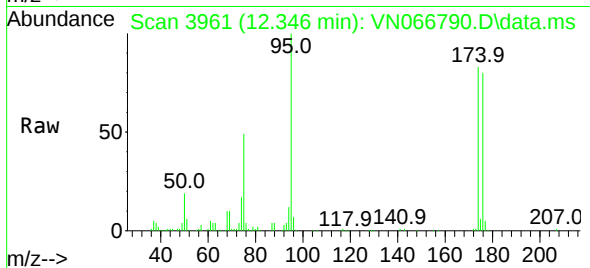




#62
4-Bromofluorobenzene
Concen: 47.65 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

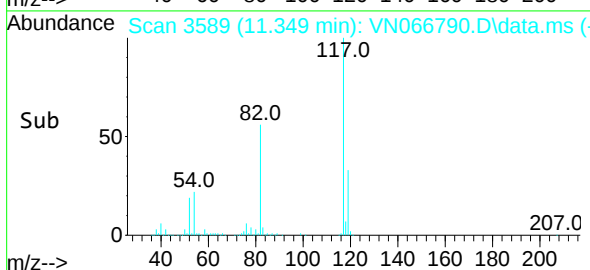
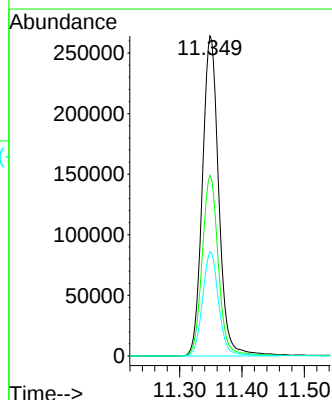
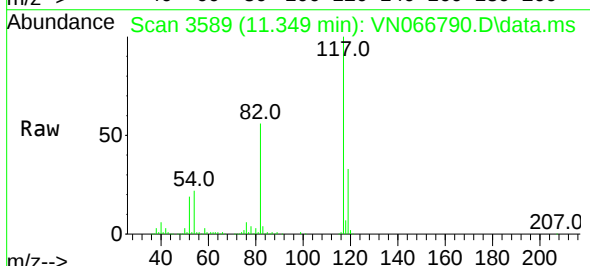
Instrument :
MSVOA_N
ClientSampleId :

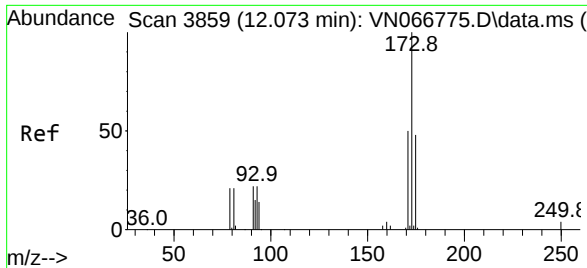
Tgt Ion: 95 Resp: 209439
Ion Ratio Lower Upper
95 100
174 83.3 0.0 169.0
176 80.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. 0.001 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion: 117 Resp: 481794
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 32.6 26.1 39.1

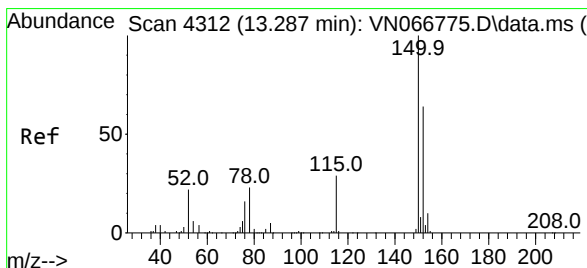
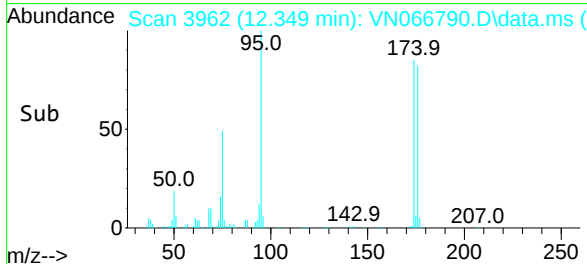
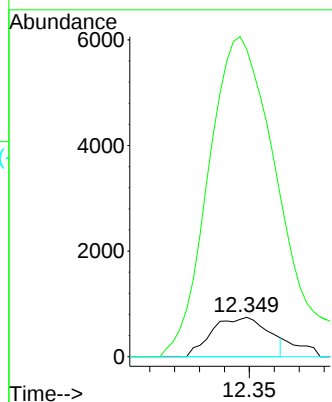
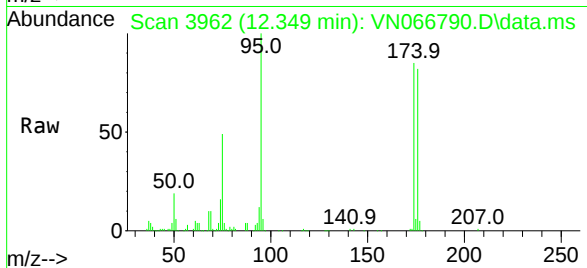




#71
Bromoform
Concen: 0.45 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

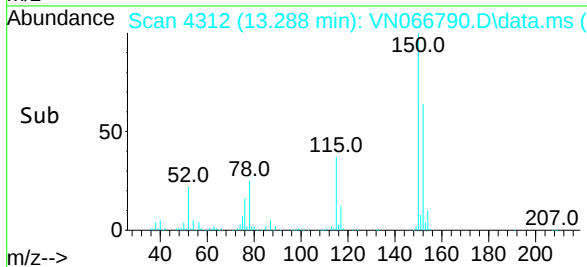
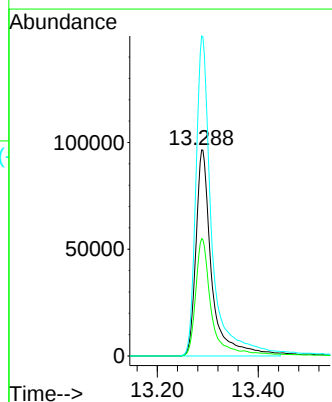
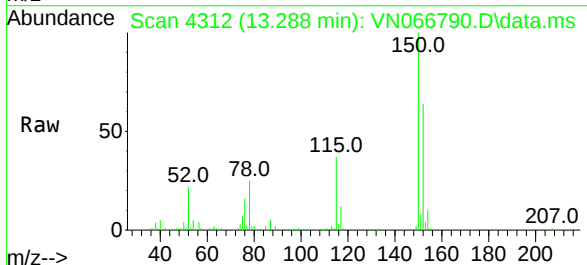
Instrument :
MSVOA_N
ClientSampleId :

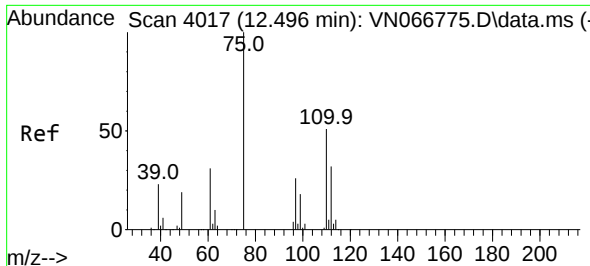
Tgt Ion:173 Resp: 1166
Ion Ratio Lower Upper
173 100
175 871.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4312
Delta R.T. 0.000 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion:152 Resp: 209726
Ion Ratio Lower Upper
152 100
115 53.9 28.5 85.6
150 157.8 0.0 347.6

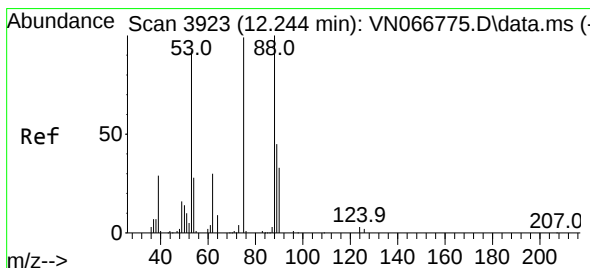
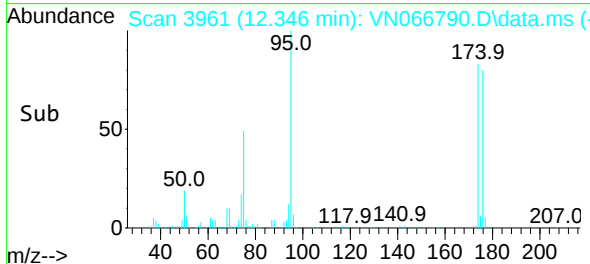
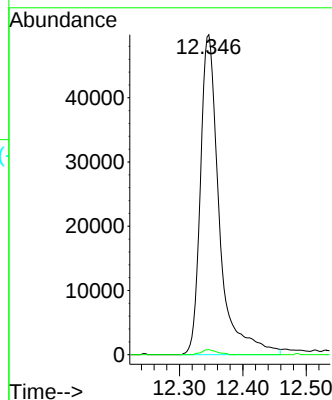
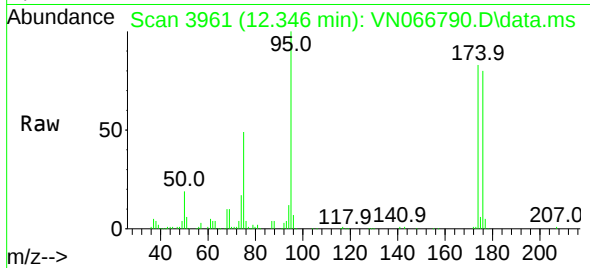




#76
1,2,3-Trichloropropane
Concen: 23.39 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

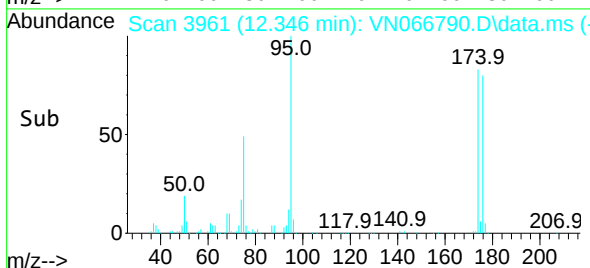
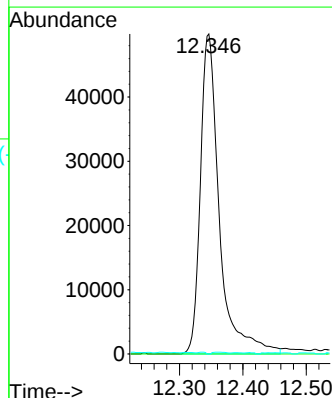
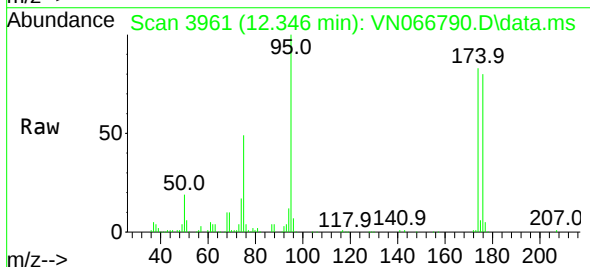
Instrument :
MSVOA_N
ClientSampled :

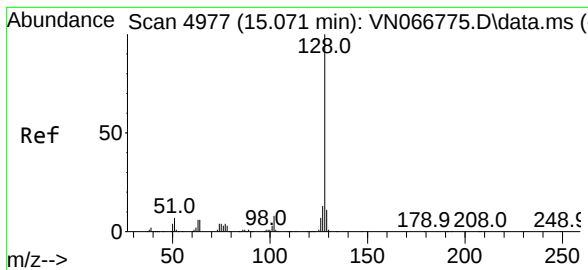
Tgt Ion: 75 Resp: 103372
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.15 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Tgt Ion: 75 Resp: 103372
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.2 35.8 53.8#





#95
Naphthalene
Concen: 0.26 ug/l
RT: 15.093 min Scan# 4985
Delta R.T. 0.022 min
Lab File: VN066790.D
Acq: 27 Apr 2021 18:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2419
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

