

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066848.D
 Acq On : 29 Apr 2021 6:29
 Operator : JC/MD
 Sample : M2196-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 07:47:02 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)

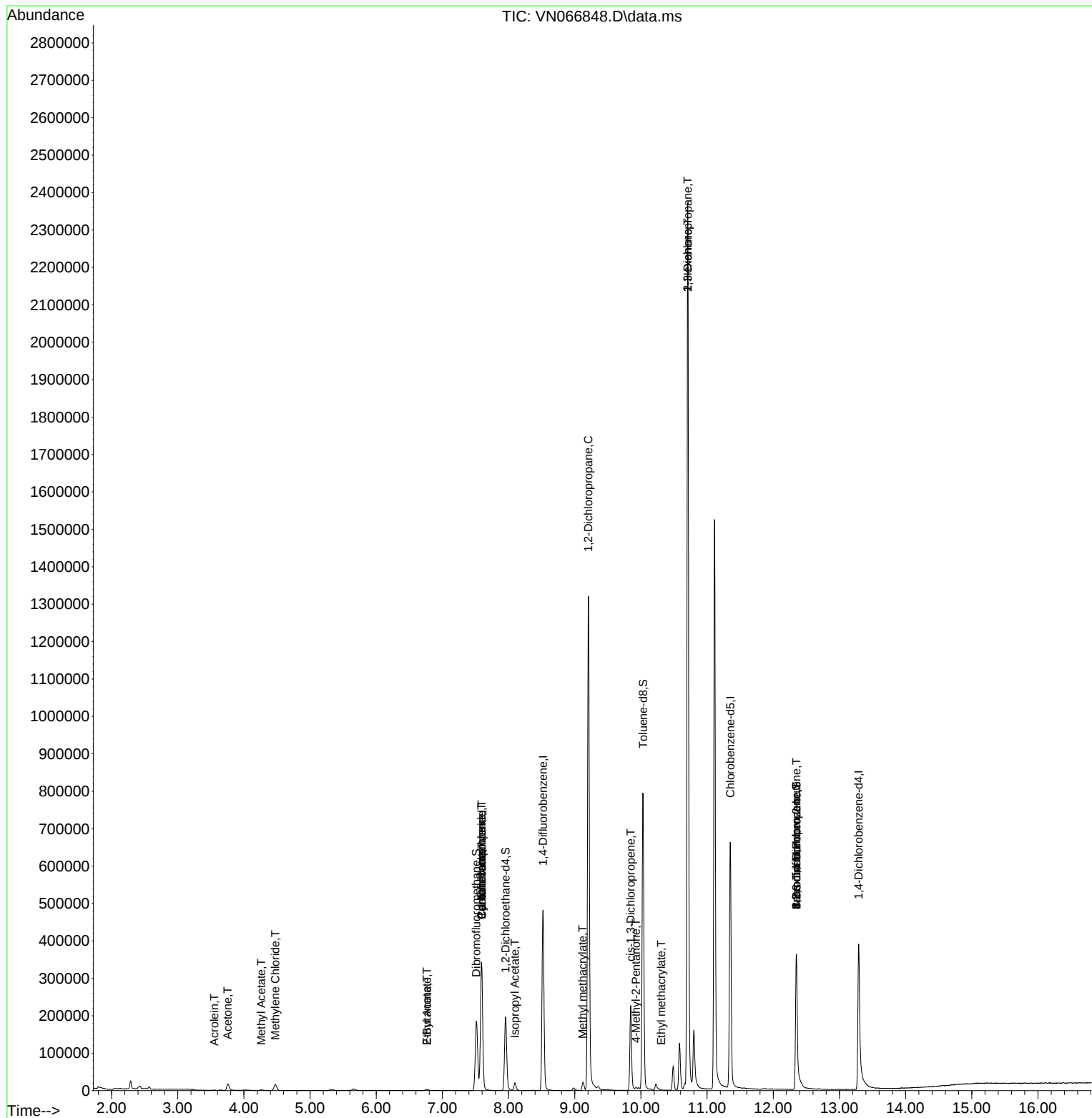
Internal Standards						
1) Pentafluorobenzene	7.594	168	306432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	458219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	428681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	156190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	168298	42.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.50%			
35) Dibromofluoromethane	7.513	113	150154	53.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.18%			
50) Toluene-d8	10.032	98	580702	52.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.60%			
62) 4-Bromofluorobenzene	12.349	95	163329	43.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.96%			
Target Compounds					Qvalue	
13) Acrolein	3.552	56	809	1.60	ug/l #	61
16) Acetone	3.756	43	30116	20.28	ug/l	94
18) Methyl Acetate	4.263	43	4005	2.09	ug/l #	75
20) Methylene Chloride	4.475	84	13678	3.63	ug/l	93
25) 2-Butanone	6.765	43	6913	3.31	ug/l	90
31) Cyclohexane	7.594	56	4621	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19597	4.60	ug/l #	48
37) Ethyl Acetate	6.765	43	6913	1.53	ug/l #	68
38) Carbon Tetrachloride	7.594	117	26003	6.37	ug/l #	18
43) Isopropyl Acetate	8.095	43	24592	3.42	ug/l #	90
45) 1,2-Dichloropropane	9.206	63	1773	0.50	ug/l #	44
48) Methyl methacrylate	9.117	41	5796	1.85	ug/l #	10
51) 4-Methyl-2-Pentanone	9.924	43	5385	1.38	ug/l	89
54) cis-1,3-Dichloropropene	9.847	75	46241	8.54	ug/l #	58
56) Ethyl methacrylate	10.308	69	114	3.19	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	25629	4.91	ug/l #	43
59) 2-Hexanone	10.707	43	319455	115.37	ug/l #	52
71) Bromoform	12.349	173	1056	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	74999	22.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	74999	61.71	ug/l #	12

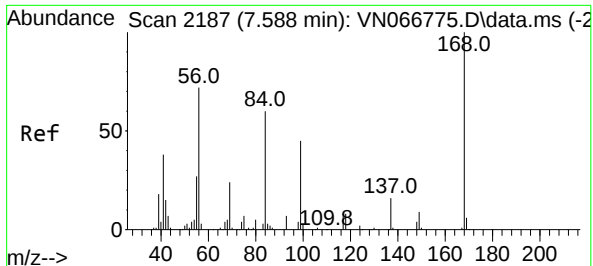
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Apr 29 07:47:02 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

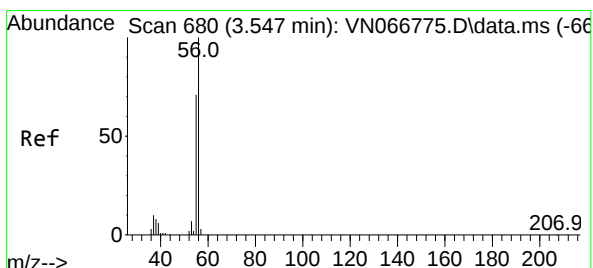
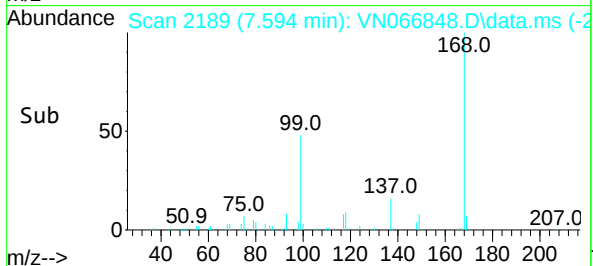
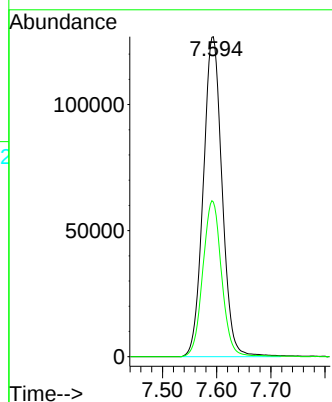
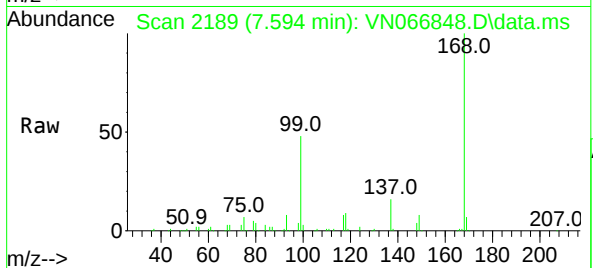




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

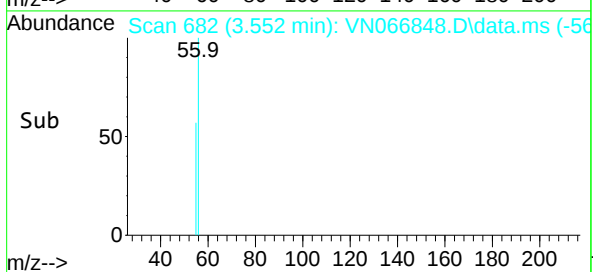
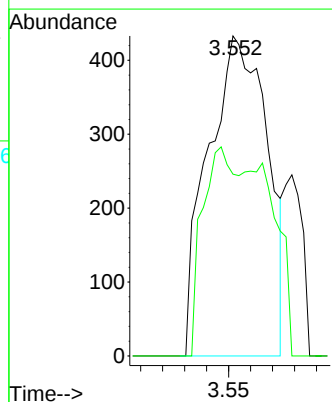
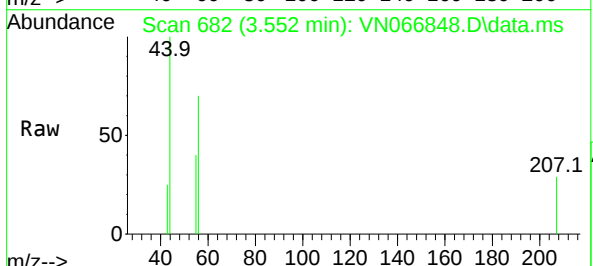
Instrument :
MSVOA_N
ClientSampled :

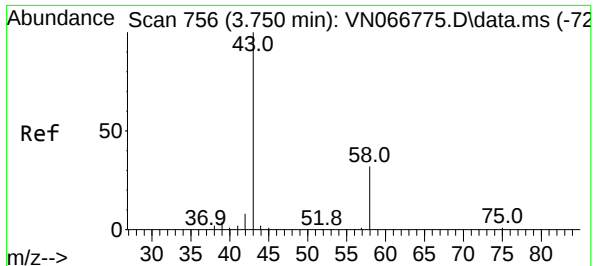
Tgt Ion:168 Resp: 306432
Ion Ratio Lower Upper
168 100
99 48.4 42.6 63.8



#13
Acrolein
Concen: 1.60 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 56 Resp: 809
Ion Ratio Lower Upper
56 100
55 38.2 56.0 84.0#

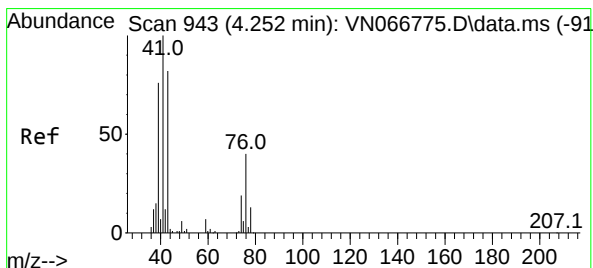
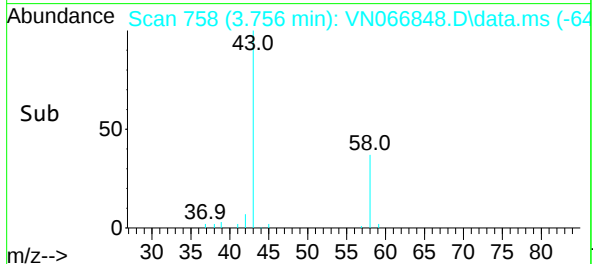
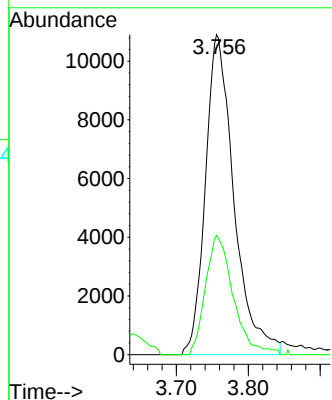
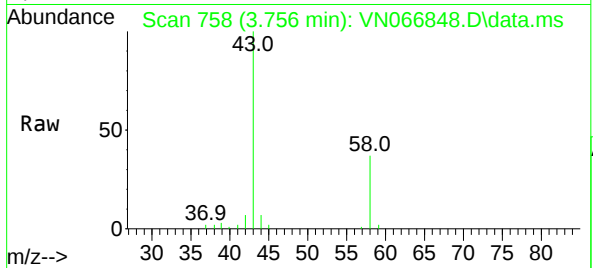




#16
Acetone
Concen: 20.28 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

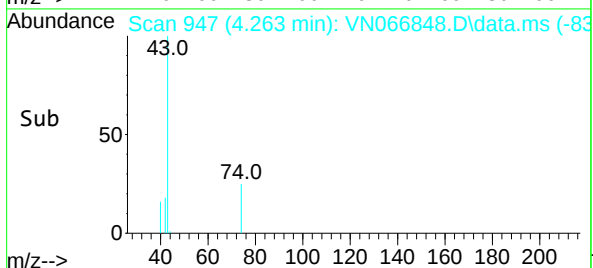
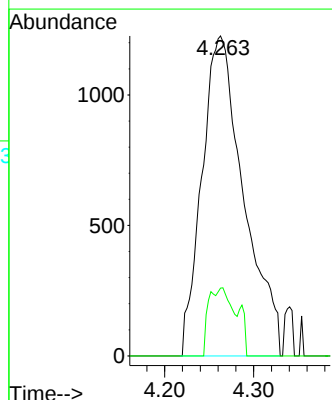
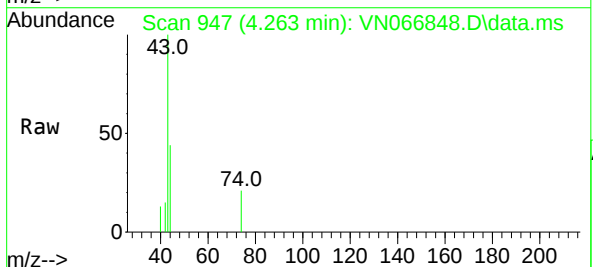
Instrument :
MSVOA_N
ClientSampled :

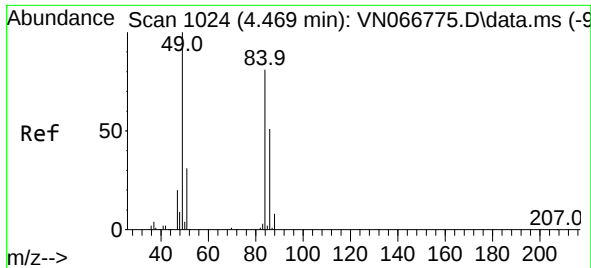
Tgt Ion: 43 Resp: 30116
Ion Ratio Lower Upper
43 100
58 37.3 27.0 40.6



#18
Methyl Acetate
Concen: 2.09 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.011 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

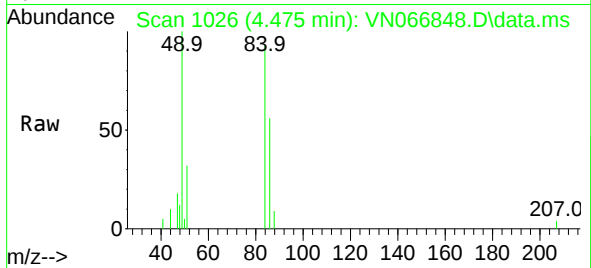
Tgt Ion: 43 Resp: 4005
Ion Ratio Lower Upper
43 100
74 12.0 19.5 29.3#



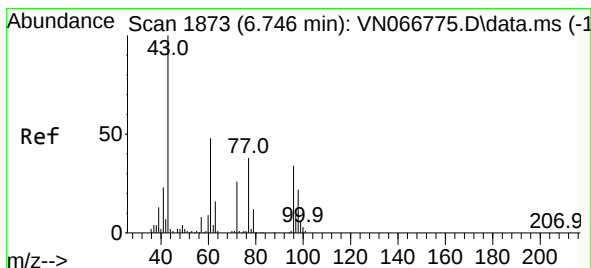
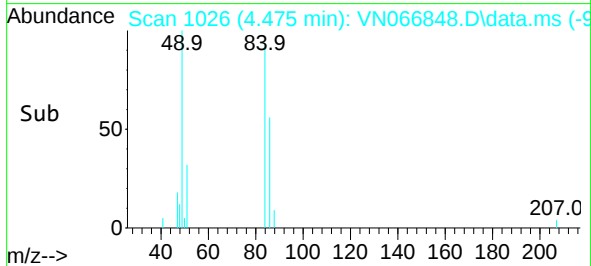
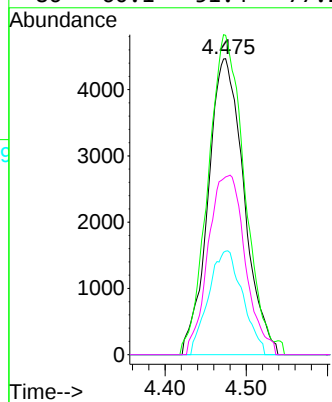


#20
Methylene Chloride
Concen: 3.63 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Instrument :
MSVOA_N
ClientSampled :

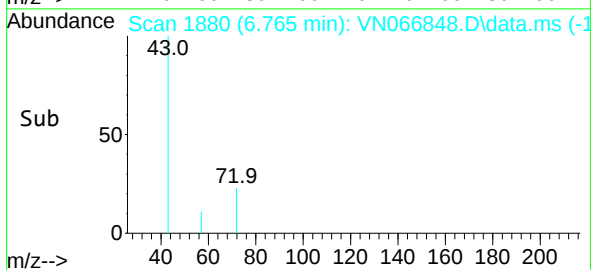
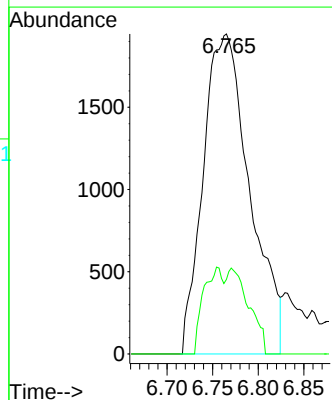
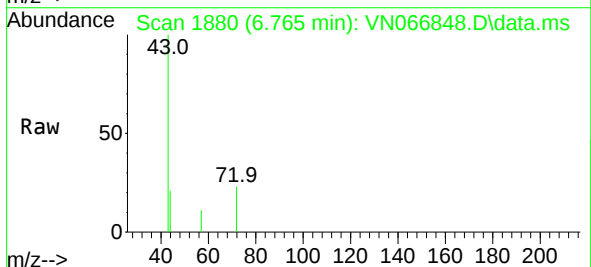


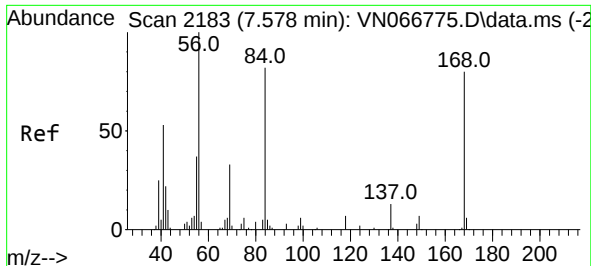
Tgt Ion:	84	Resp:	13678
Ion	Ratio	Lower	Upper
84	100		
49	107.9	94.6	141.8
51	35.0	29.9	44.9
86	60.1	51.4	77.2



#25
2-Butanone
Concen: 3.31 ug/l
RT: 6.765 min Scan# 1880
Delta R.T. 0.019 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion:	43	Resp:	6913
Ion	Ratio	Lower	Upper
43	100		
72	23.3	23.1	34.7

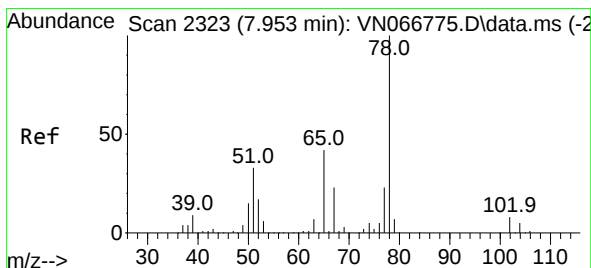
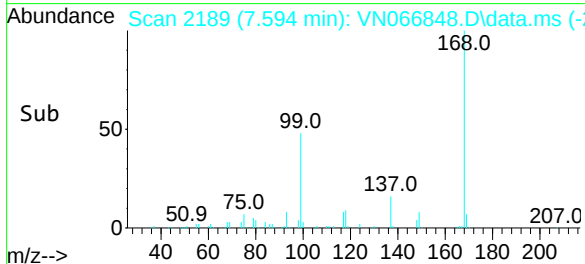
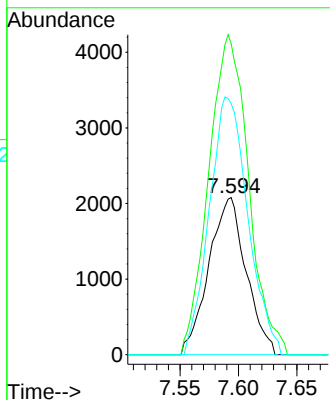
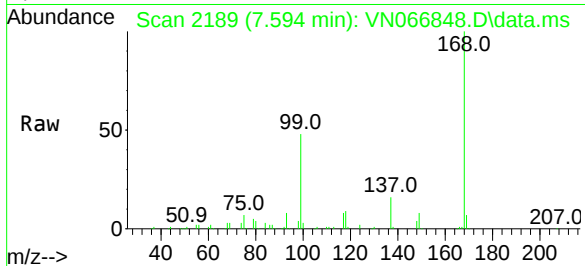




#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

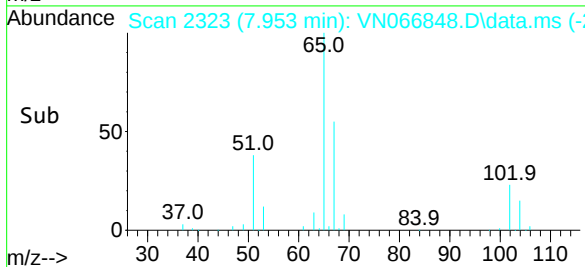
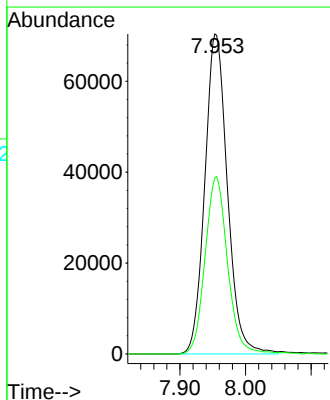
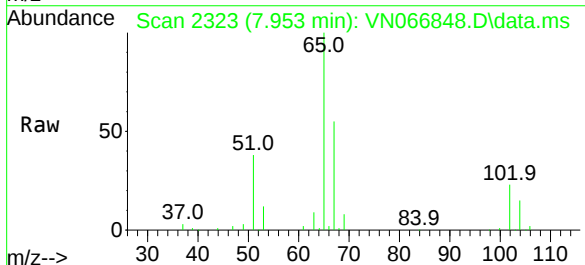
Instrument :
MSVOA_N
ClientSampled :

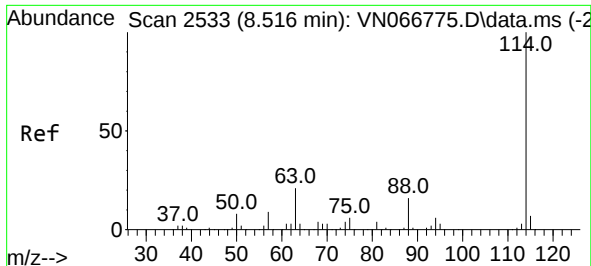
Tgt Ion: 56 Resp: 4621
Ion Ratio Lower Upper
56 100
69 198.0 26.6 39.8#
84 159.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.75 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 65 Resp: 168298
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.2

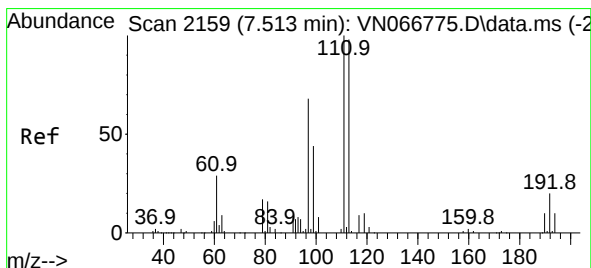
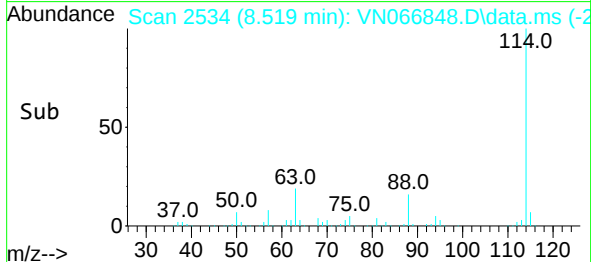
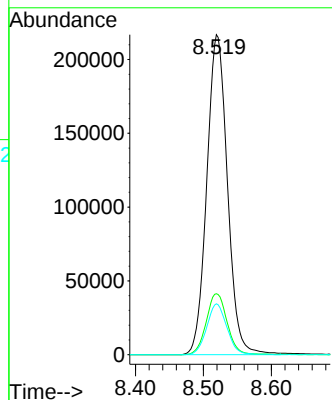
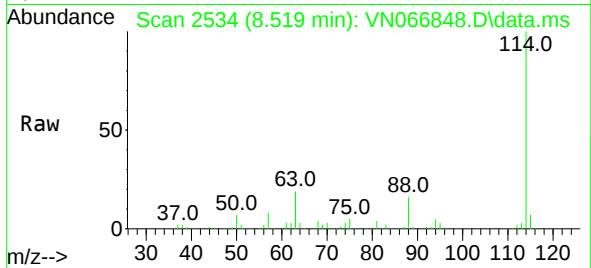




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

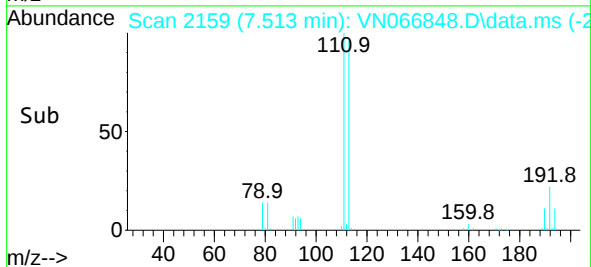
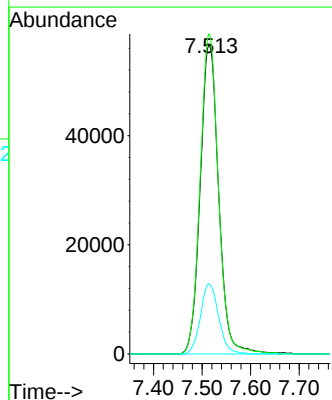
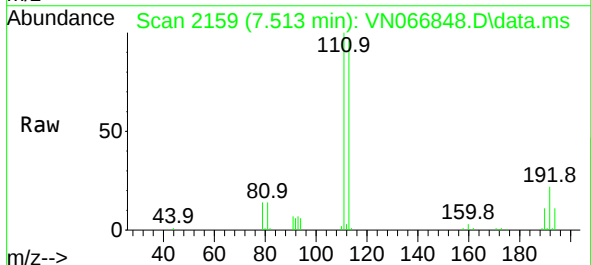
Instrument :
MSVOA_N
ClientSampled :

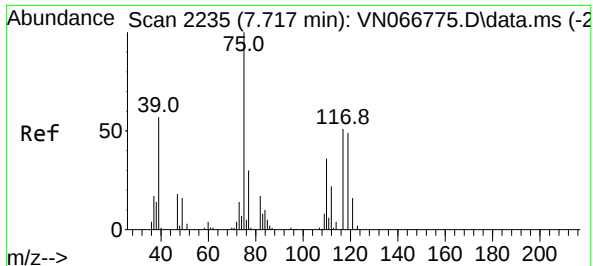
Tgt Ion:114 Resp: 458219
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.09 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion:113 Resp: 150154
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 22.3 15.4 23.0

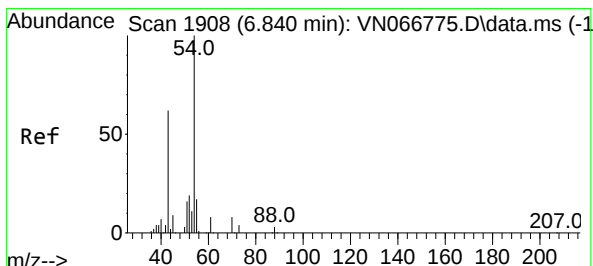
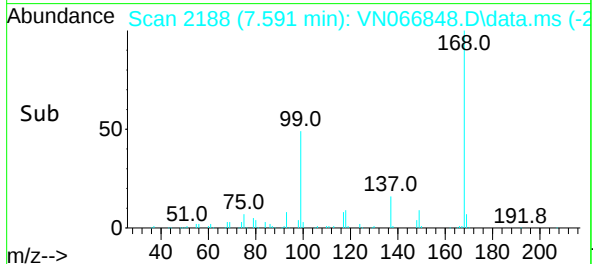
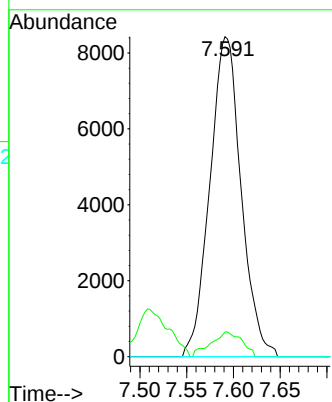
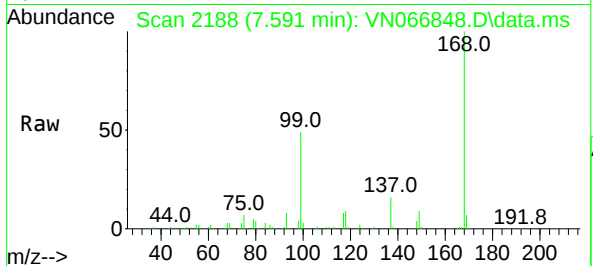




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

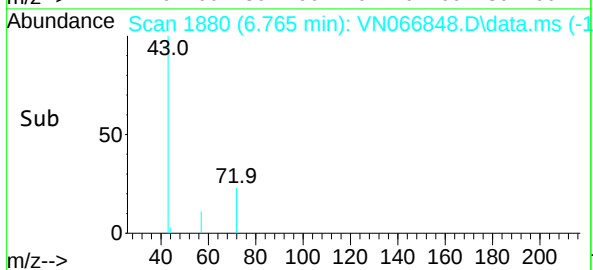
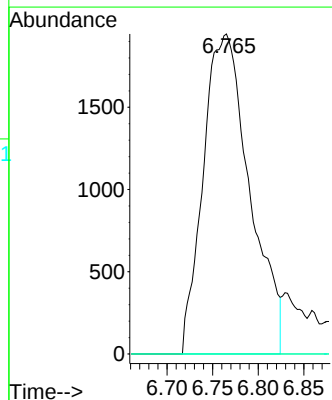
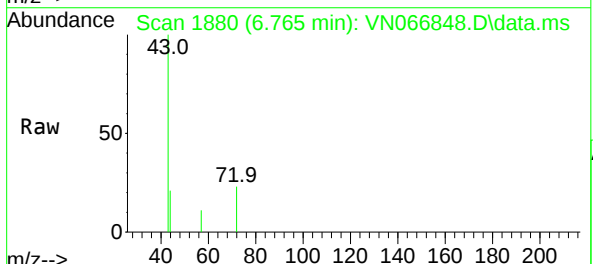
Instrument :
MSVOA_N
ClientSampled :

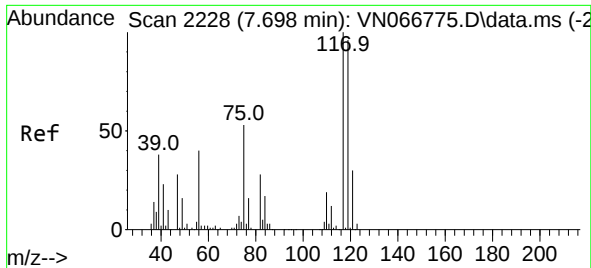
Tgt Ion: 75 Resp: 19597
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.53 ug/l
RT: 6.765 min Scan# 1880
Delta R.T. -0.075 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 43 Resp: 6913
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#

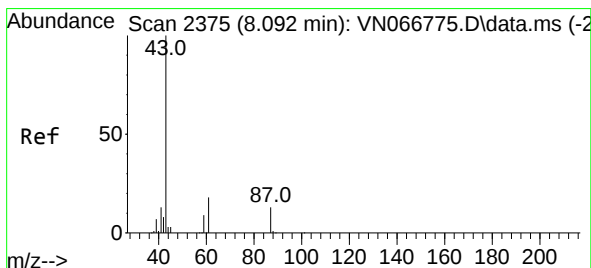
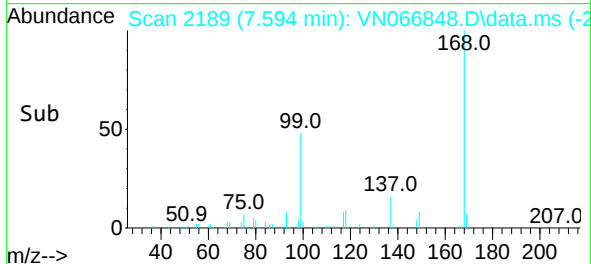
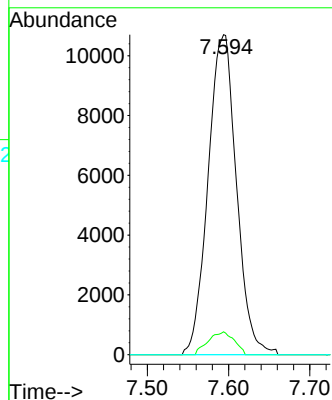
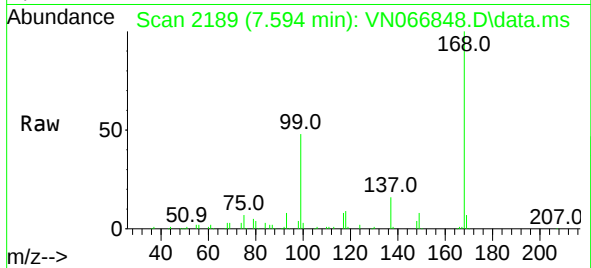




#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

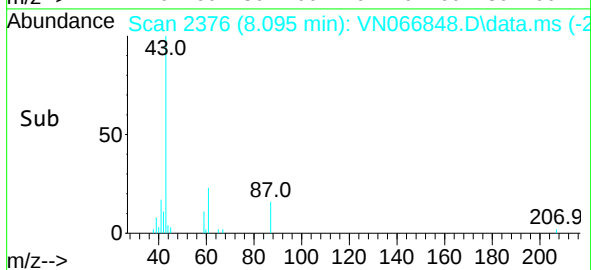
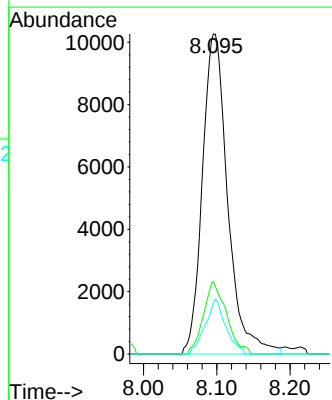
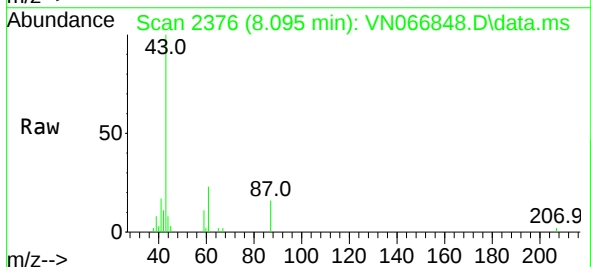
Instrument :
MSVOA_N
ClientSampled :

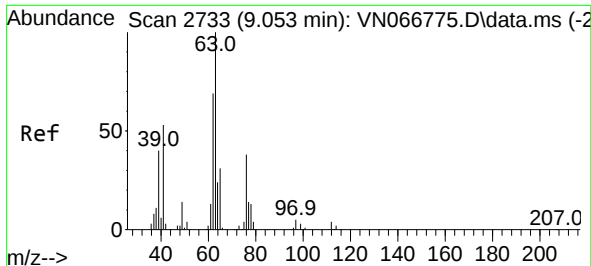
Tgt Ion:117 Resp: 26003
Ion Ratio Lower Upper
117 100
119 7.1 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.42 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.003 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 43 Resp: 24592
Ion Ratio Lower Upper
43 100
61 20.6 22.5 33.7#
87 13.9 11.1 16.7

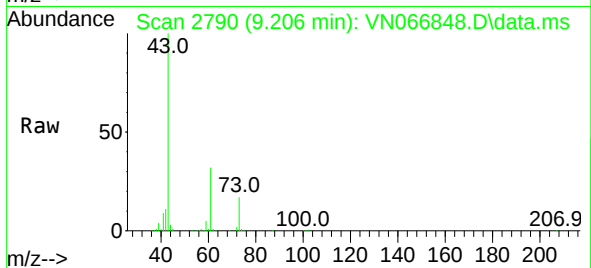




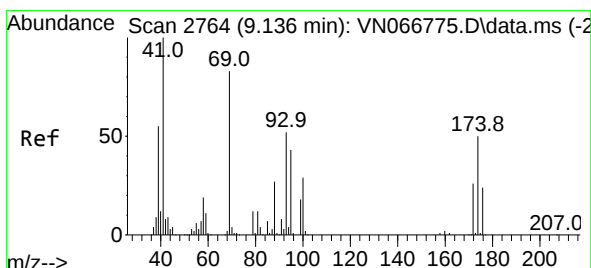
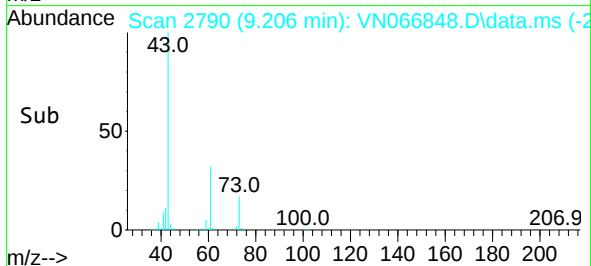
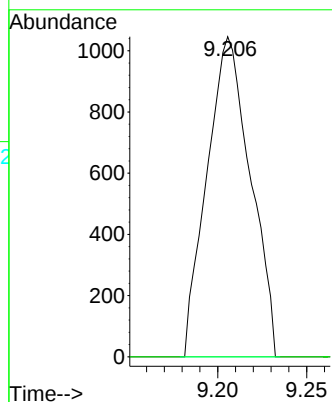
#45

1,2-Dichloropropane
Concen: 0.50 ug/l
RT: 9.206 min Scan# 2790
Delta R.T. 0.153 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Instrument :
MSVOA_N
ClientSampled :

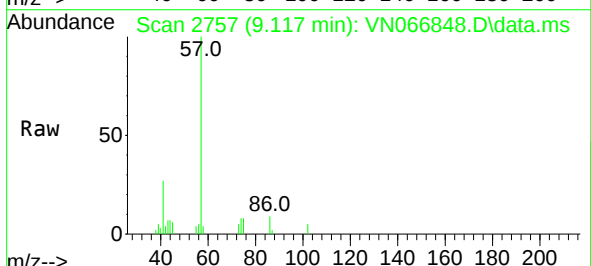


Tgt Ion: 63 Resp: 1773
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

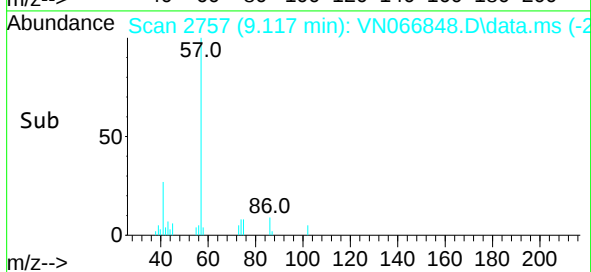
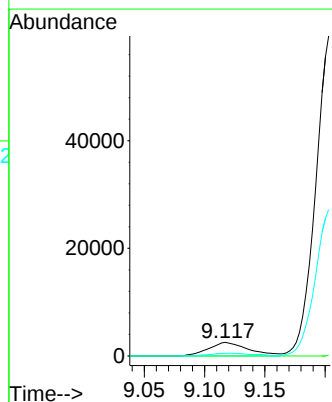


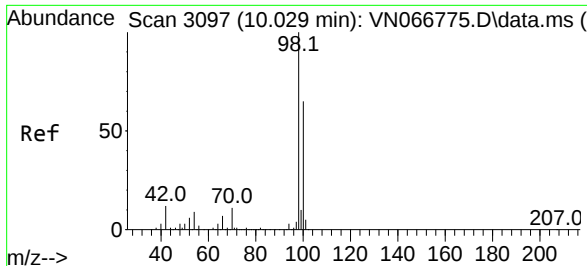
#48

Methyl methacrylate
Concen: 1.85 ug/l
RT: 9.117 min Scan# 2757
Delta R.T. -0.019 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29



Tgt Ion: 41 Resp: 5796
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

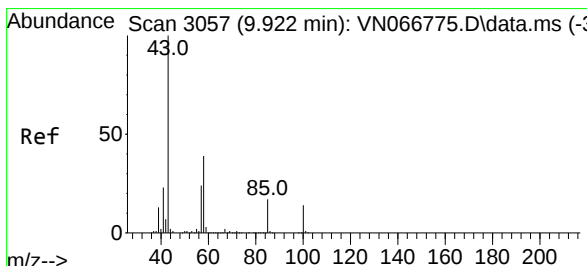
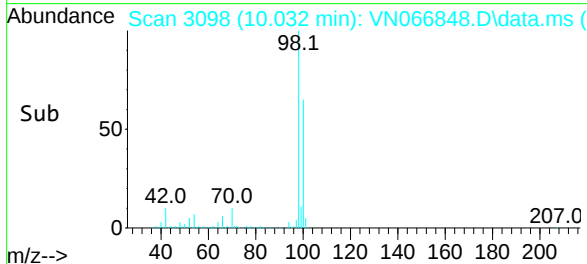
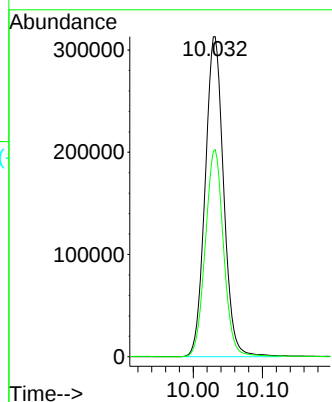
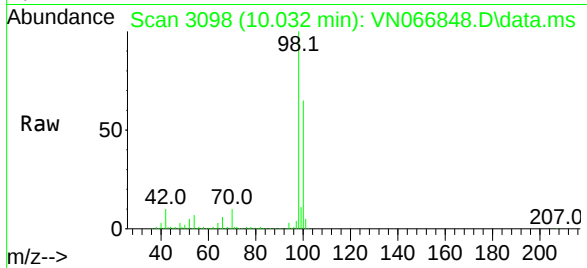




#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

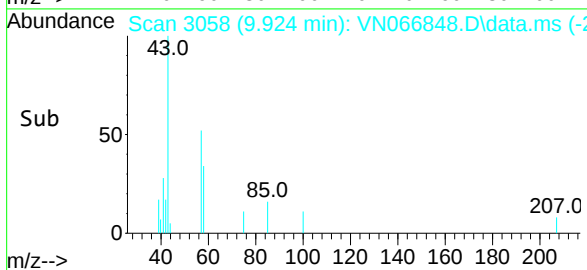
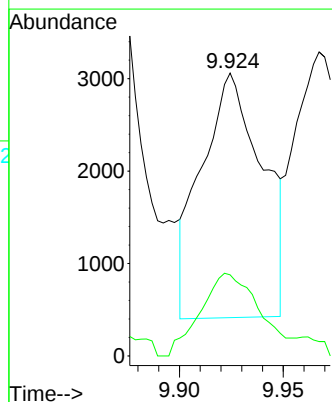
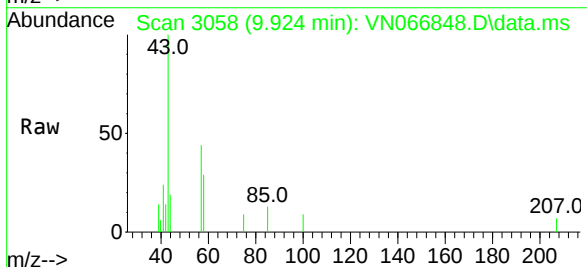
Instrument :
MSVOA_N
ClientSampled :

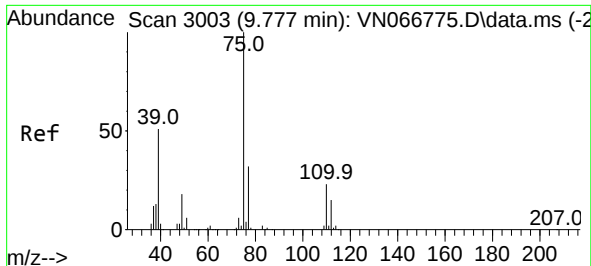
Tgt Ion: 98 Resp: 580702
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.38 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 43 Resp: 5385
Ion Ratio Lower Upper
43 100
58 33.5 32.5 48.7

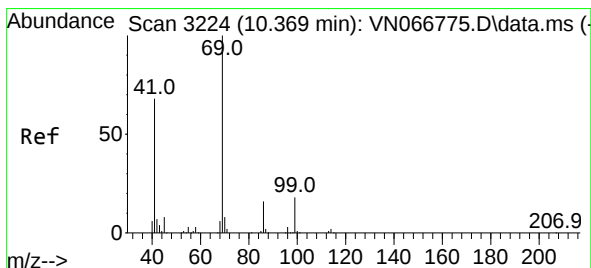
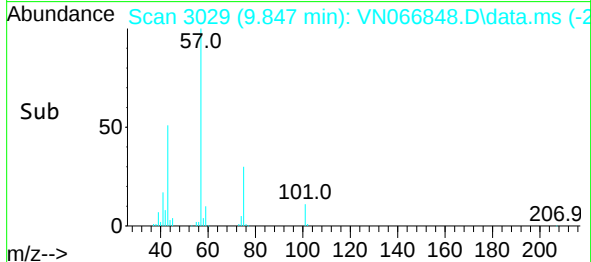
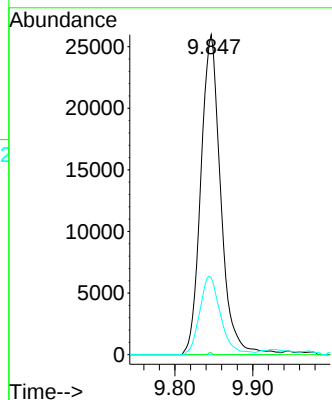
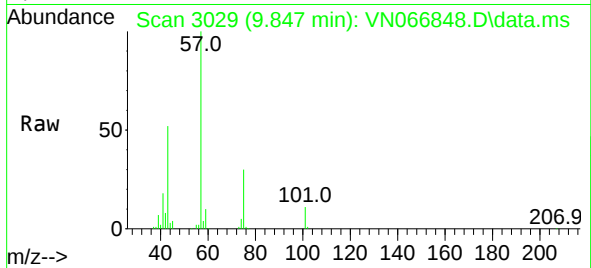




#54
cis-1,3-Dichloropropene
Concen: 8.54 ug/l
RT: 9.847 min Scan# 3029
Delta R.T. 0.070 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

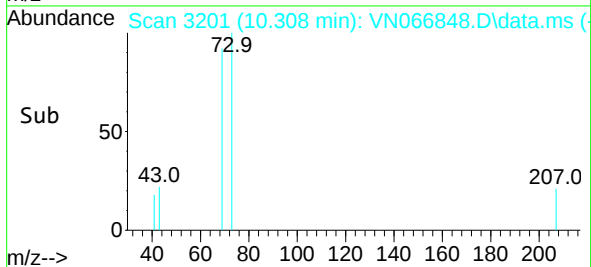
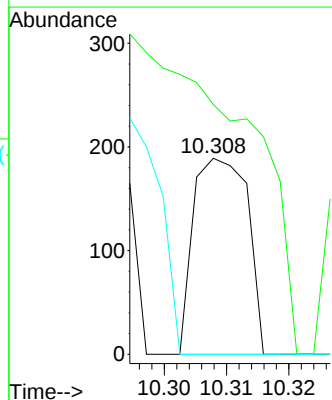
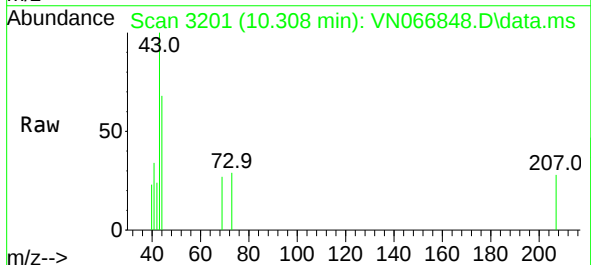
Instrument :
MSVOA_N
ClientSampled :

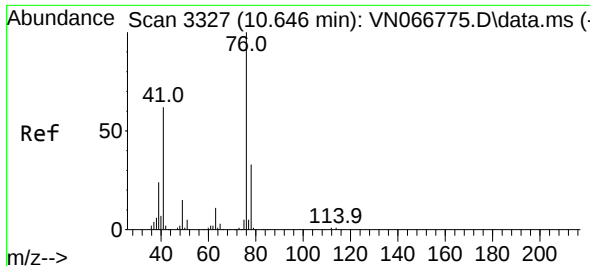
Tgt Ion: 75 Resp: 46241
Ion Ratio Lower Upper
75 100
77 0.6 24.9 37.3#
39 24.0 36.2 54.4#



#56
Ethyl methacrylate
Concen: 3.19 ug/l
RT: 10.308 min Scan# 3201
Delta R.T. -0.061 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 69 Resp: 114
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

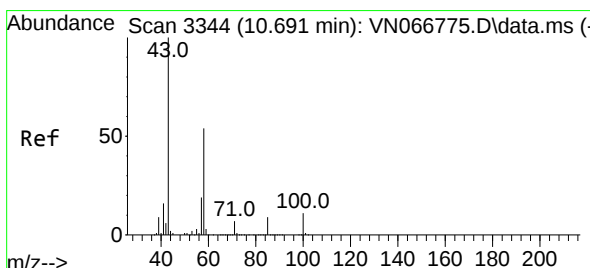
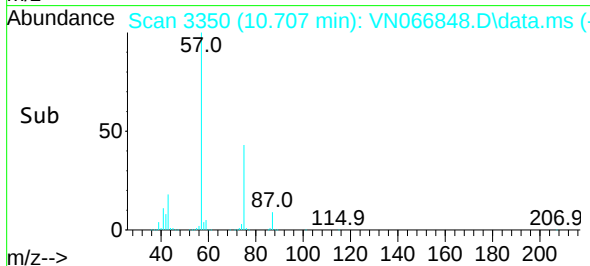
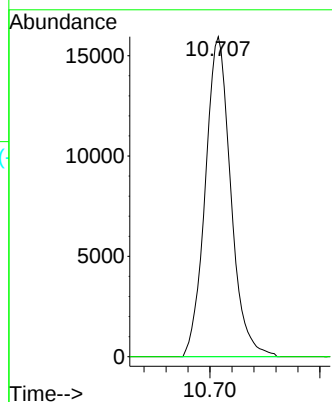
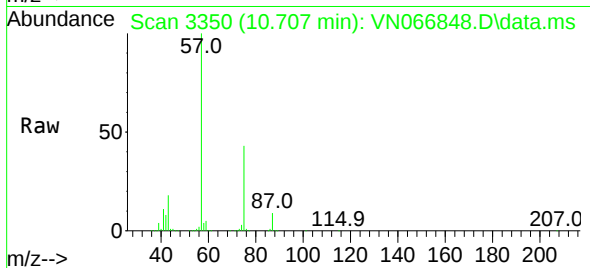




#57
1,3-Dichloropropane
Concen: 4.91 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

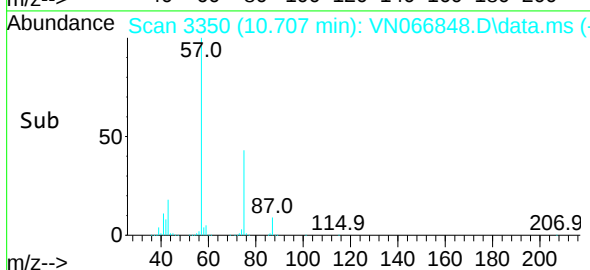
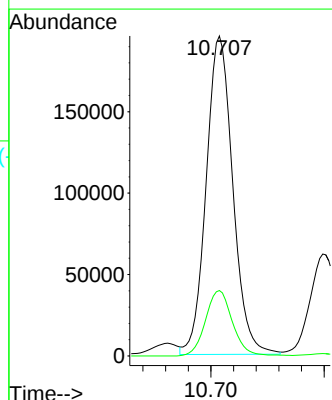
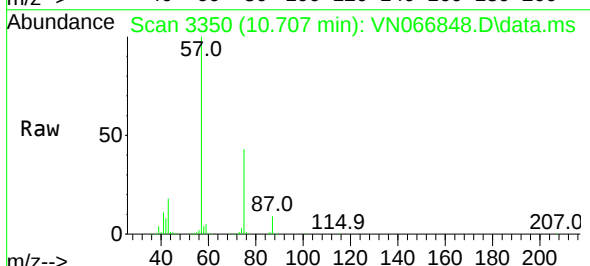
Instrument :
MSVOA_N
ClientSampled :

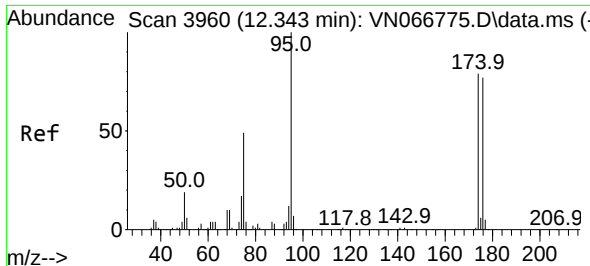
Tgt Ion: 76 Resp: 25629
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 115.37 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.016 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 43 Resp: 319455
Ion Ratio Lower Upper
43 100
58 20.9 28.1 84.3#

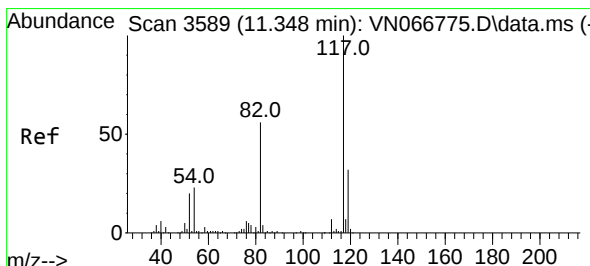
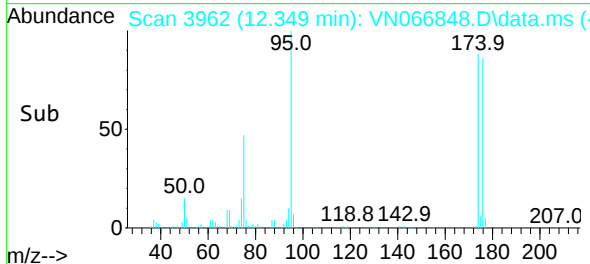
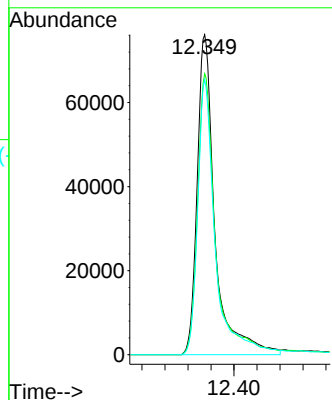
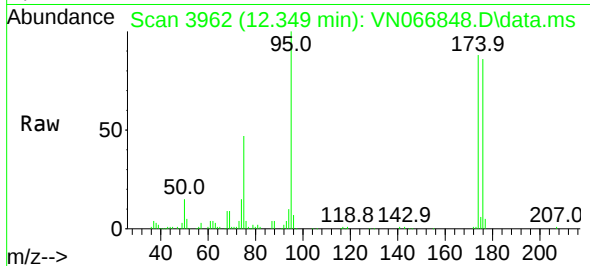




#62
4-Bromofluorobenzene
Concen: 43.48 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

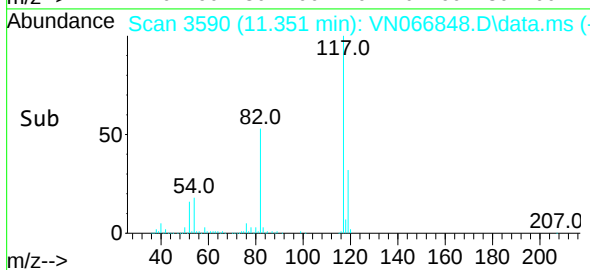
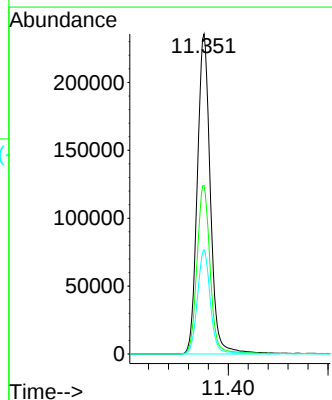
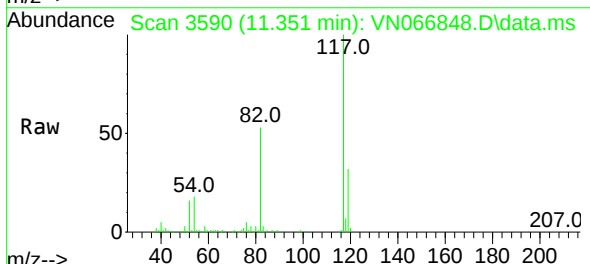
Instrument :
MSVOA_N
ClientSampleId :

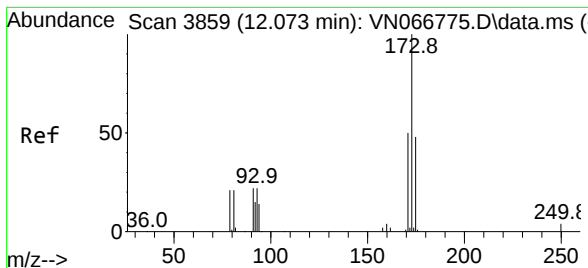
Tgt Ion: 95 Resp: 163329
Ion Ratio Lower Upper
95 100
174 88.8 0.0 169.0
176 84.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 117 Resp: 428681
Ion Ratio Lower Upper
117 100
82 52.7 43.7 65.5
119 32.5 26.1 39.1

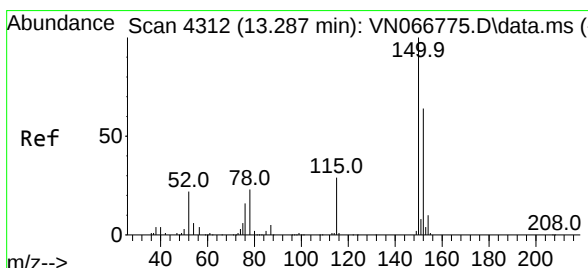
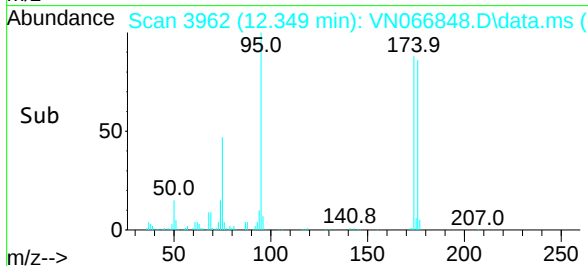
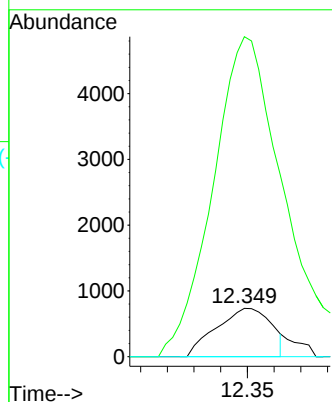
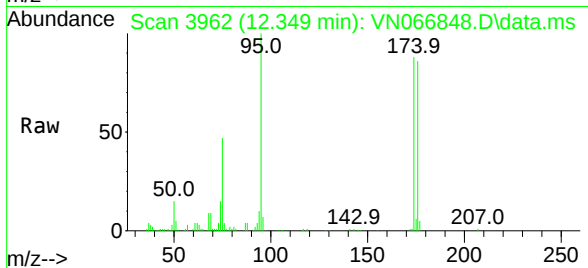




#71
Bromoform
Concen: 0.45 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

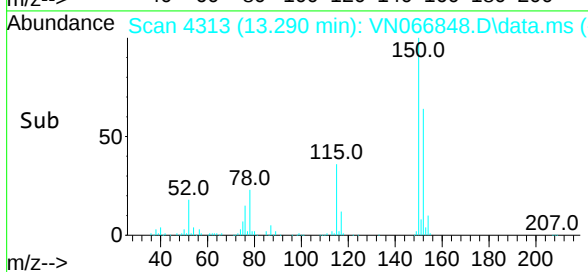
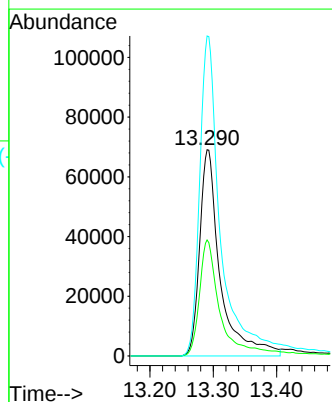
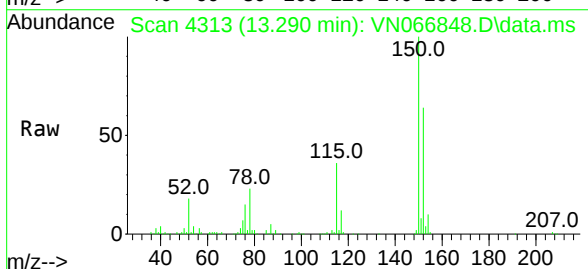
Instrument :
MSVOA_N
ClientSampled :

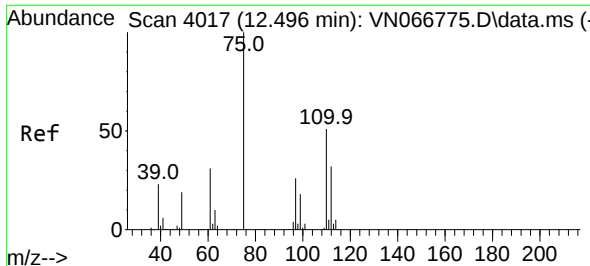
Tgt Ion:173 Resp: 1056
Ion Ratio Lower Upper
173 100
175 698.7 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion:152 Resp: 156190
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.6
150 163.7 0.0 347.6

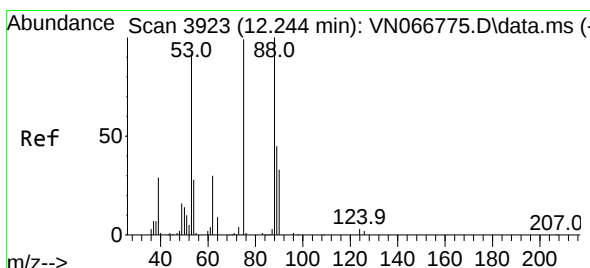
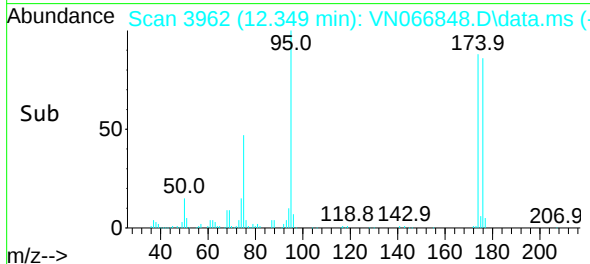
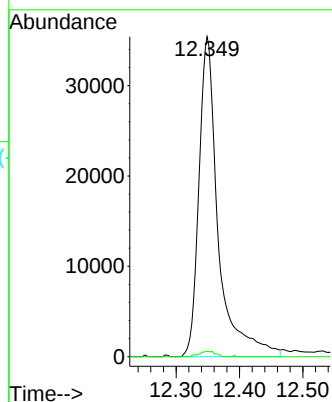
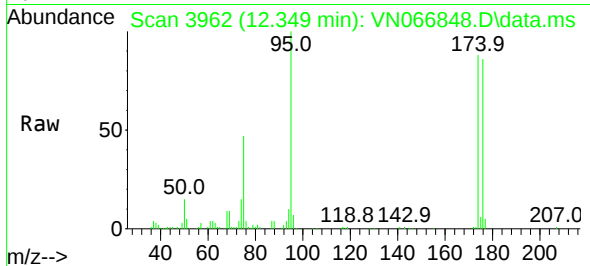




#76
1,2,3-Trichloropropane
Concen: 22.78 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 74999
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.71 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066848.D
Acq: 29 Apr 2021 6:29

Tgt Ion: 75 Resp: 74999
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.3 35.8 53.8#

