

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066794.D
 Acq On : 27 Apr 2021 20:25
 Operator : JC/MD
 Sample : M2170-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 28 08:14:30 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

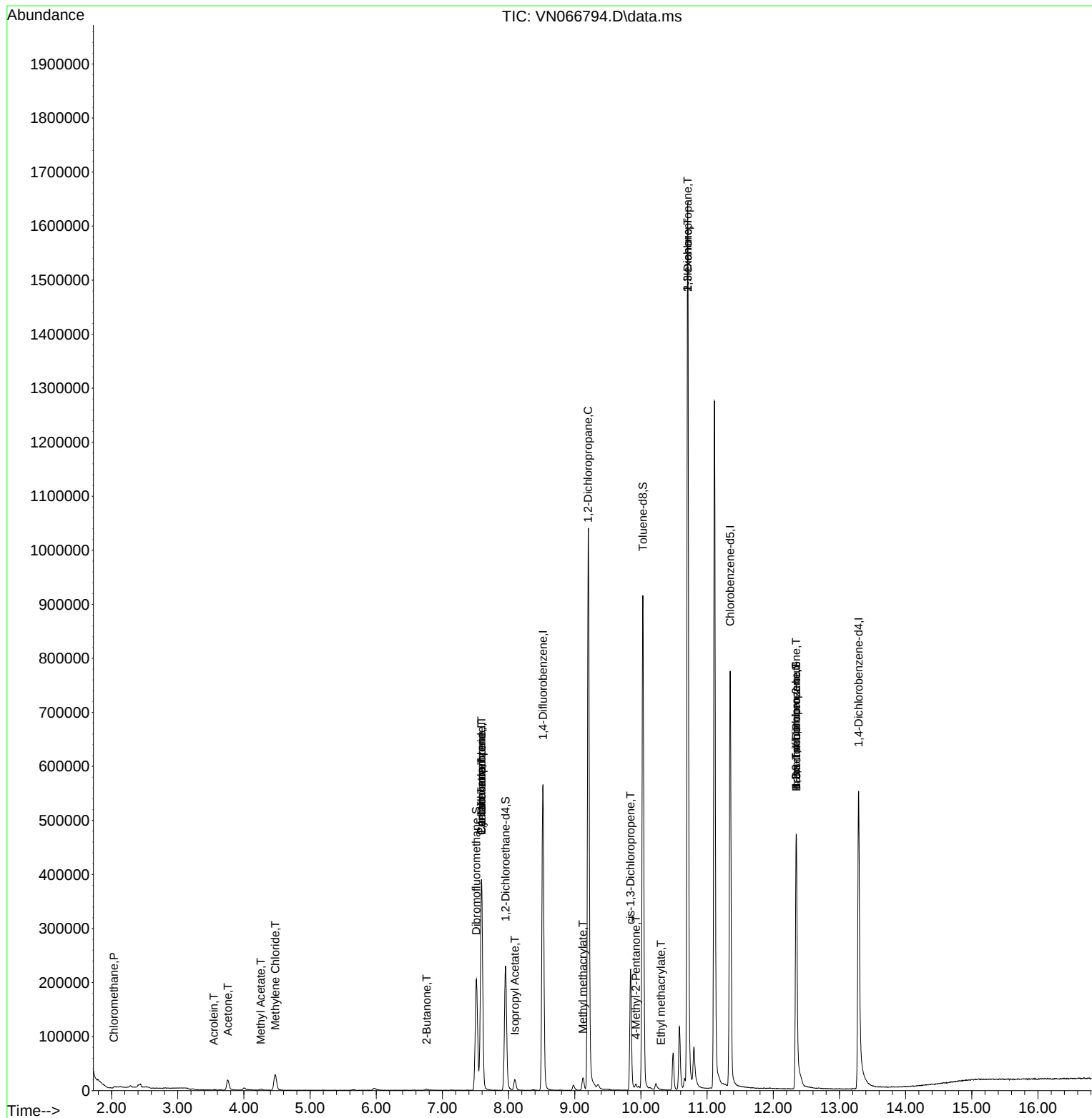
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.591	168	344230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	528405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	480259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	211228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	199944	45.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.42%			
35) Dibromofluoromethane	7.513	113	165704	50.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.60%			
50) Toluene-d8	10.029	98	650989	50.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.70%			
62) 4-Bromofluorobenzene	12.346	95	205389	47.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.82%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.037	50	1102	0.23	ug/l	93
13) Acrolein	3.544	56	402	0.71	ug/l	84
16) Acetone	3.758	43	34272	20.54	ug/l	93
18) Methyl Acetate	4.254	43	3900	1.96	ug/l #	74
20) Methylene Chloride	4.474	84	22553	5.33	ug/l	97
25) 2-Butanone	6.762	43	5431	2.32	ug/l	93
31) Cyclohexane	7.591	56	6411	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	23838	4.86	ug/l #	48
38) Carbon Tetrachloride	7.591	117	29970	6.37	ug/l #	16
43) Isopropyl Acetate	8.092	43	26017	3.14	ug/l #	88
45) 1,2-Dichloropropane	9.200	63	1303	0.32	ug/l #	44
48) Methyl methacrylate	9.122	41	6046	1.67	ug/l #	10
51) 4-Methyl-2-Pentanone	9.924	43	4667	1.04	ug/l #	64
54) cis-1,3-Dichloropropene	9.844	75	44205	7.08	ug/l #	61
56) Ethyl methacrylate	10.302	69	81	3.18	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	17467	2.90	ug/l #	43
59) 2-Hexanone	10.707	43	239634	81.88	ug/l #	50
71) Bromoform	12.349	173	1312	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	100196	22.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	100196	61.05	ug/l #	12

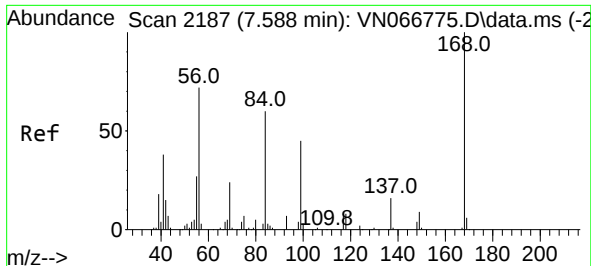
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

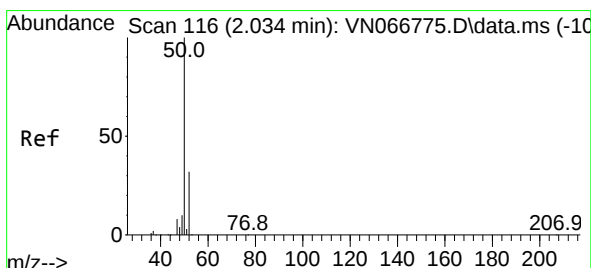
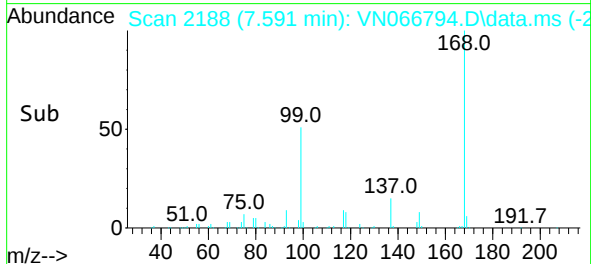
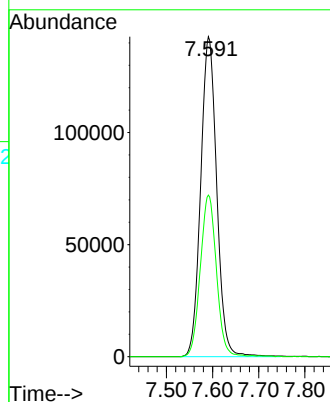
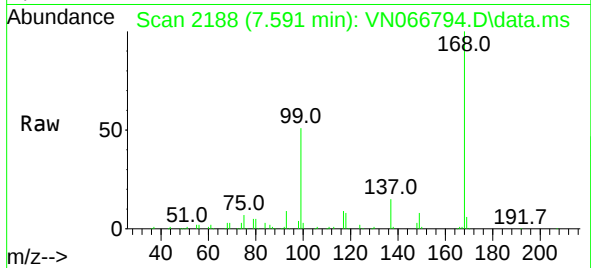




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

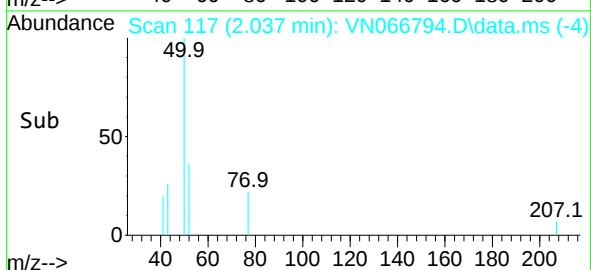
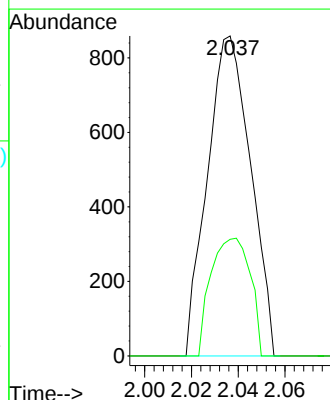
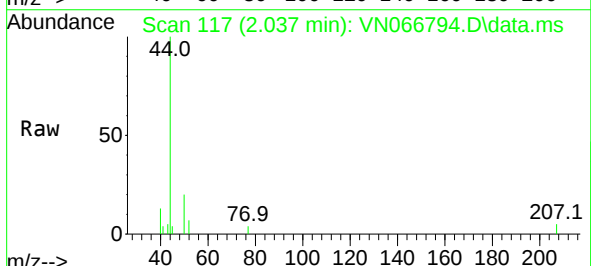
Instrument :
MSVOA_N
ClientSampled :

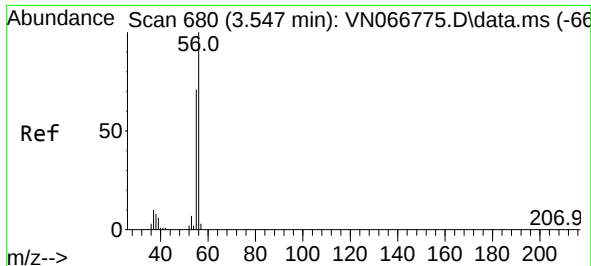
Tgt Ion:168 Resp: 344230
Ion Ratio Lower Upper
168 100
99 50.5 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion: 50 Resp: 1102
Ion Ratio Lower Upper
50 100
52 36.4 25.8 38.8

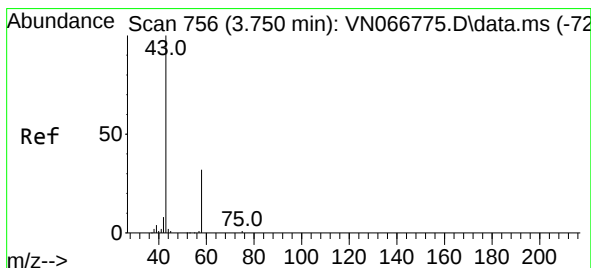
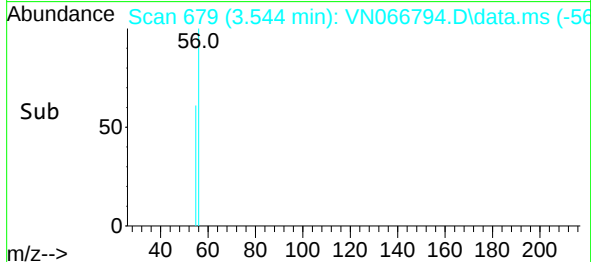
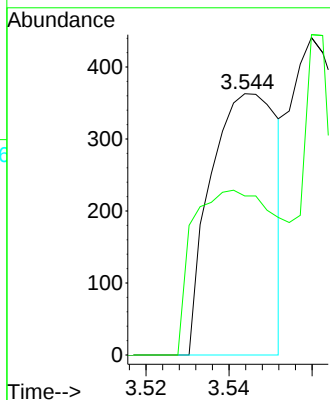
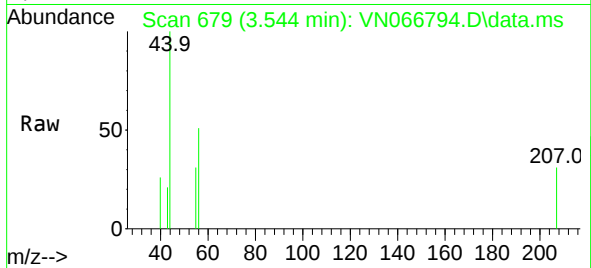




#13
Acrolein
Concen: 0.71 ug/l
RT: 3.544 min Scan# 679
Delta R.T. -0.003 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

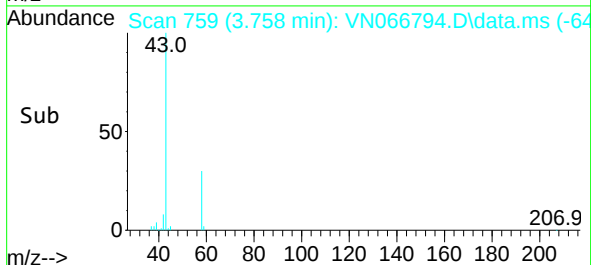
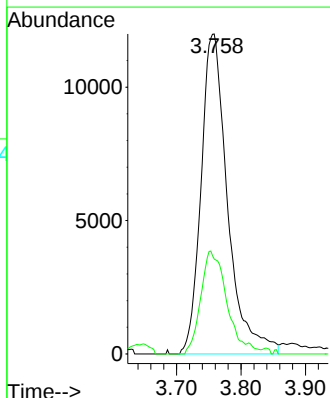
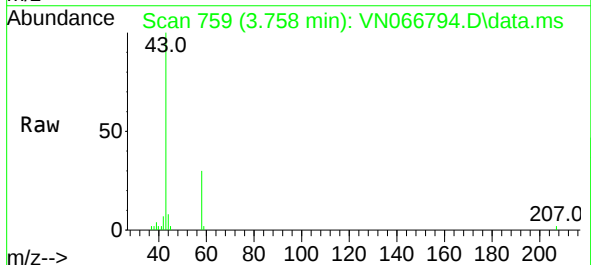
Instrument :
MSVOA_N
ClientSampleId :

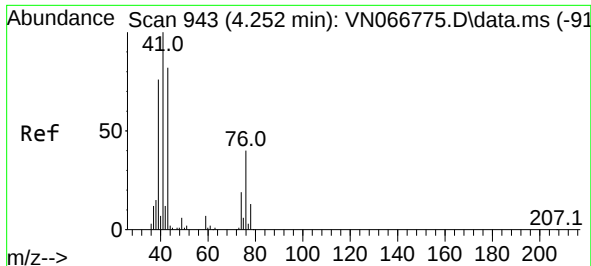
Tgt Ion: 56 Resp: 402
Ion Ratio Lower Upper
56 100
55 82.8 56.0 84.0



#16
Acetone
Concen: 20.54 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

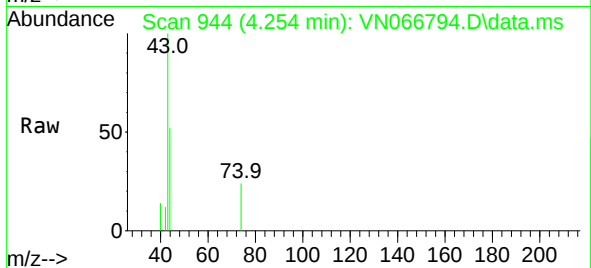
Tgt Ion: 43 Resp: 34272
Ion Ratio Lower Upper
43 100
58 29.6 27.0 40.6



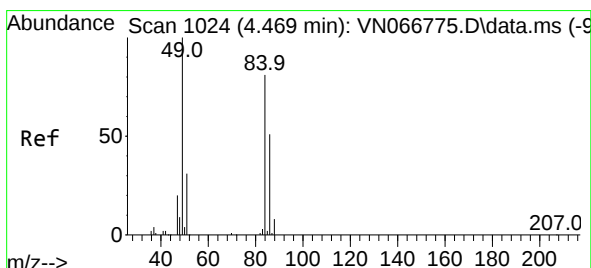
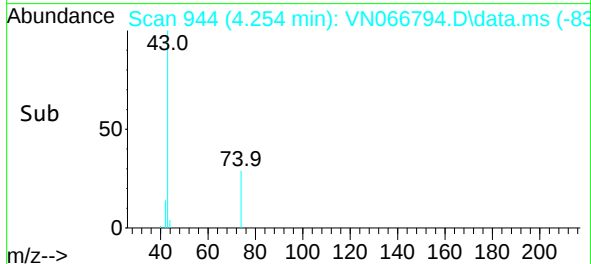
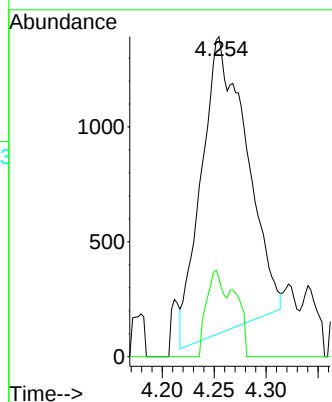


#18
Methyl Acetate
Concen: 1.96 ug/l
RT: 4.254 min Scan# 944
Delta R.T. 0.002 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Instrument :
MSVOA_N
ClientSampled :

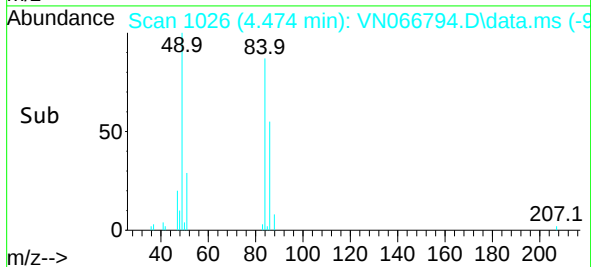
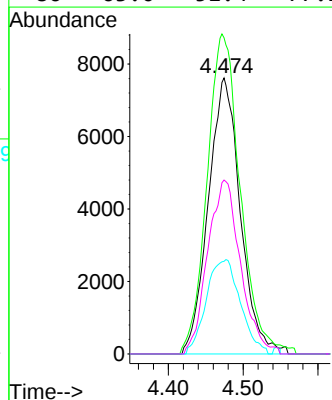
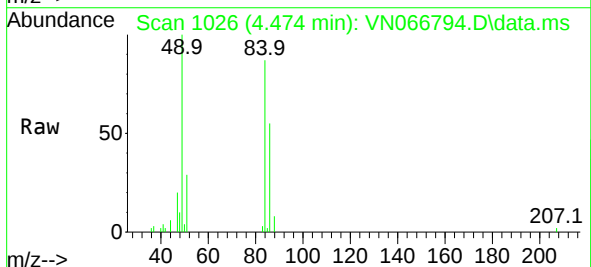


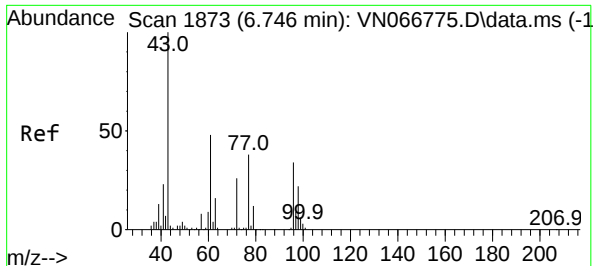
Tgt Ion: 43 Resp: 3900
Ion Ratio Lower Upper
43 100
74 11.7 19.5 29.3#



#20
Methylene Chloride
Concen: 5.33 ug/l
RT: 4.474 min Scan# 1026
Delta R.T. 0.005 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion: 84 Resp: 22553
Ion Ratio Lower Upper
84 100
49 114.6 94.6 141.8
51 33.6 29.9 44.9
86 63.0 51.4 77.2

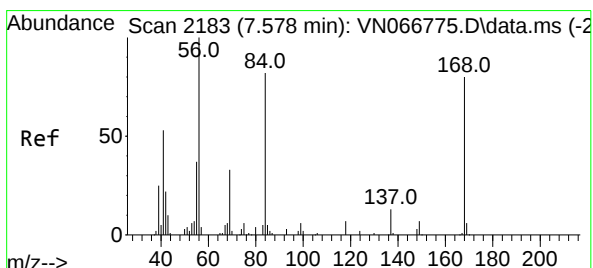
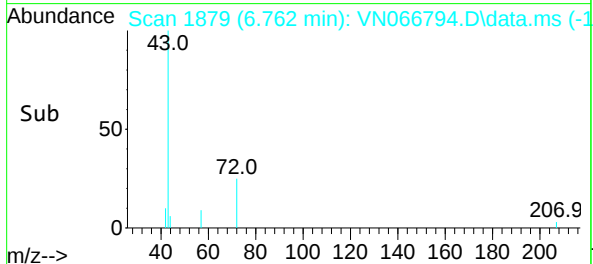
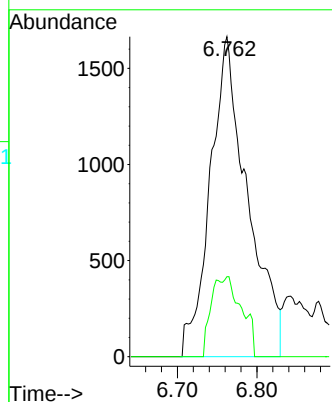
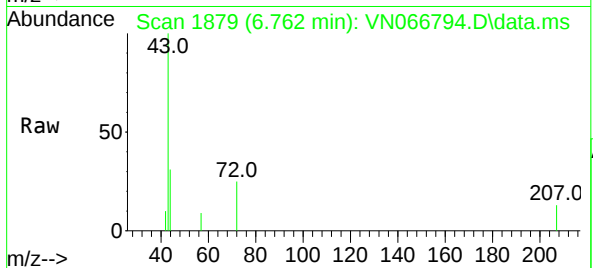




#25
2-Butanone
Concen: 2.32 ug/l
RT: 6.762 min Scan# 1879
Delta R.T. 0.016 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

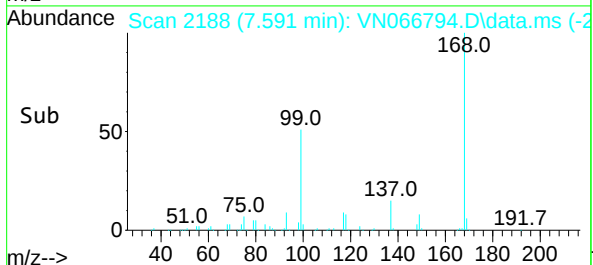
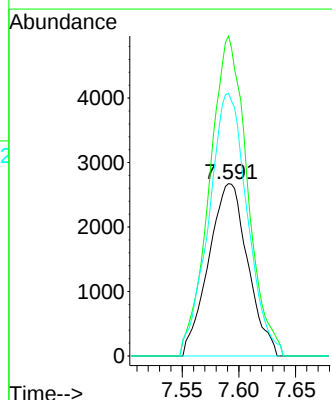
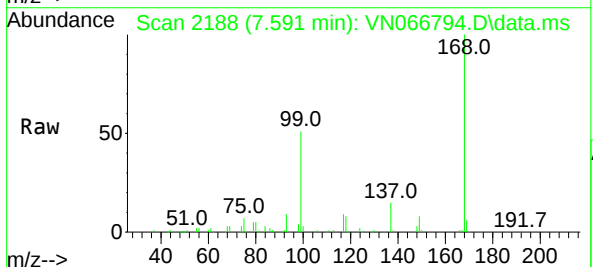
Instrument :
MSVOA_N
ClientSampled :

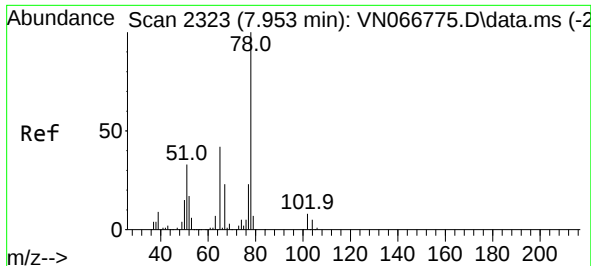
Tgt Ion: 43 Resp: 5431
Ion Ratio Lower Upper
43 100
72 25.0 23.1 34.7



#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion: 56 Resp: 6411
Ion Ratio Lower Upper
56 100
69 185.6 26.6 39.8#
84 152.4 70.4 105.6#

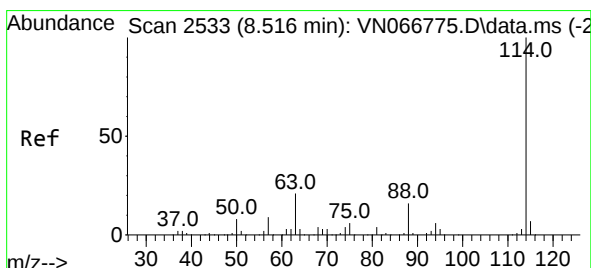
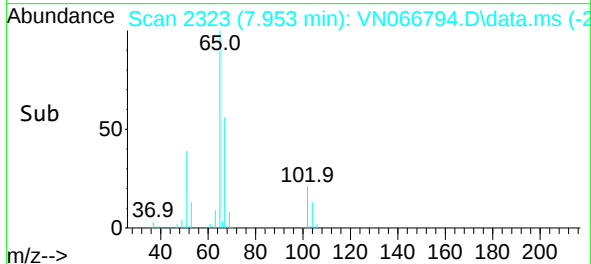
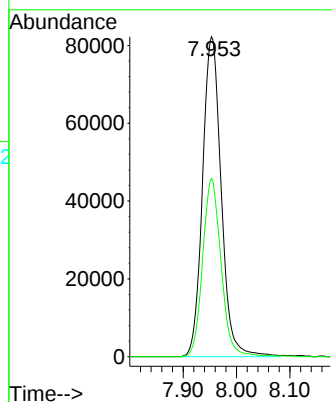
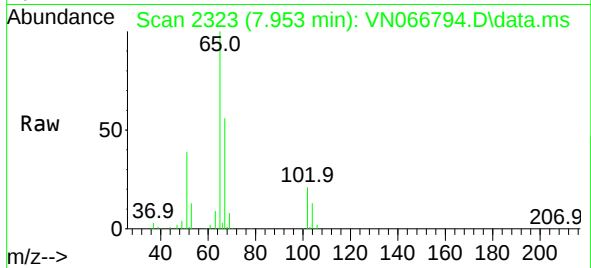




#33
1,2-Dichloroethane-d4
Concen: 45.21 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

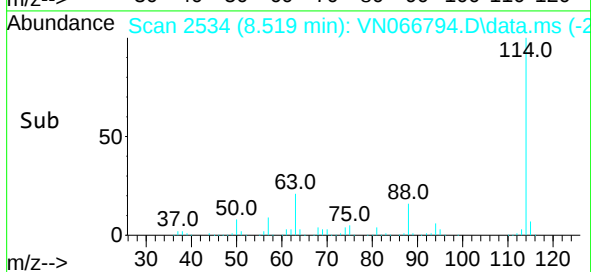
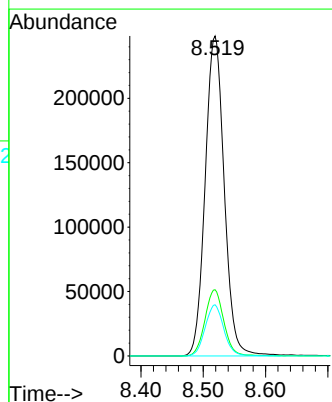
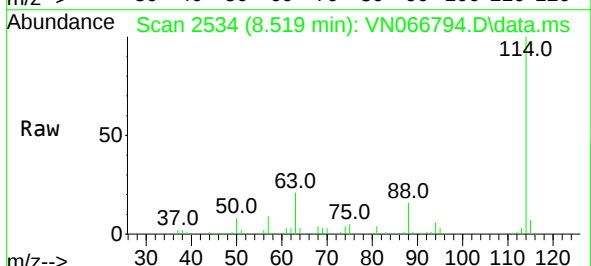
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MSVOA_N
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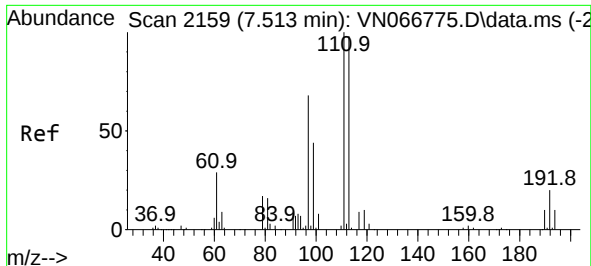
Tgt Ion: 65 Resp: 199944
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion: 114 Resp: 528405
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 16.0 0.0 30.6

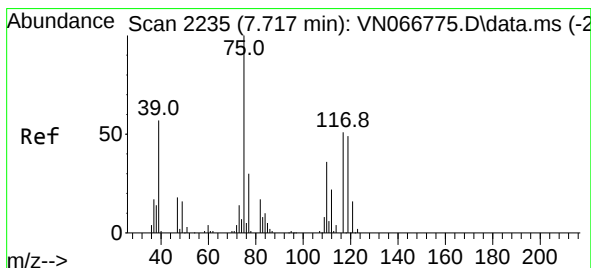
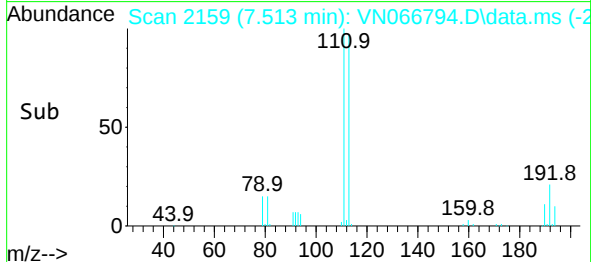
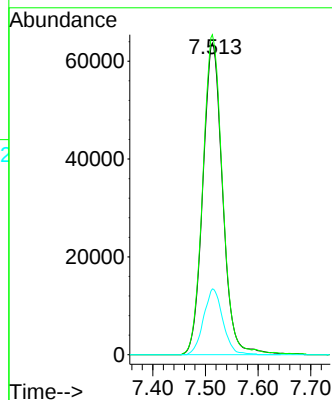
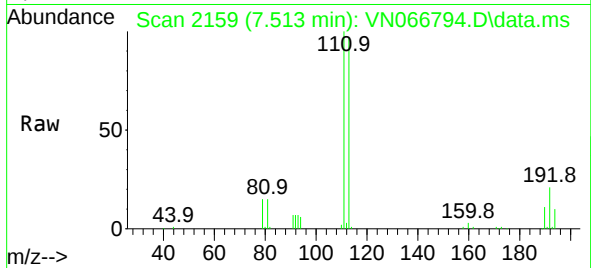




#35
Dibromofluoromethane
Concen: 50.80 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

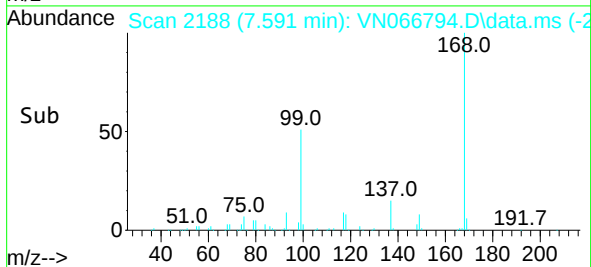
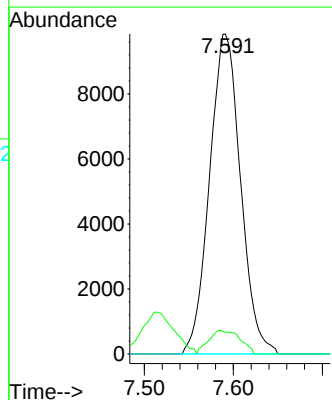
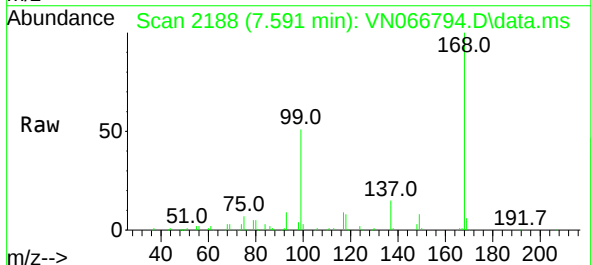
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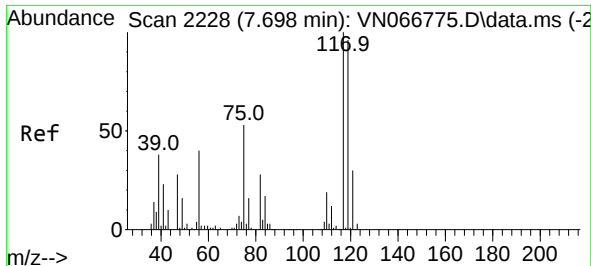
Tgt Ion:113 Resp: 165704
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 20.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

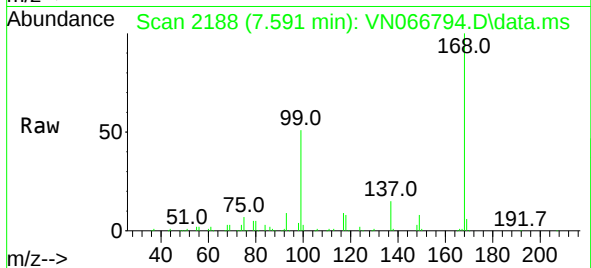
Tgt Ion: 75 Resp: 23838
Ion Ratio Lower Upper
75 100
110 7.4 18.2 54.6#
77 0.0 24.9 37.3#



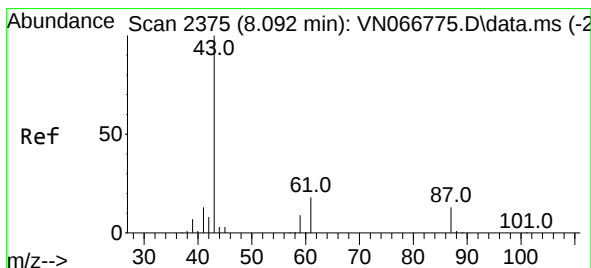
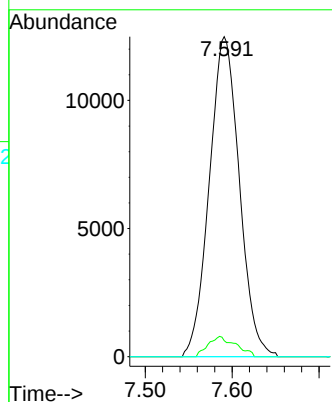
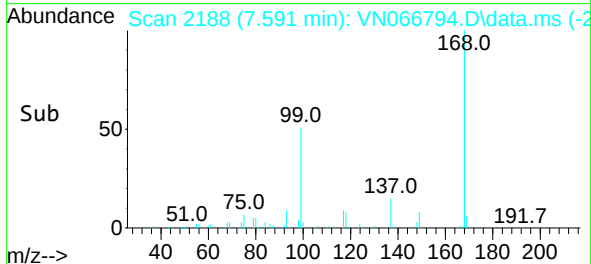


#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

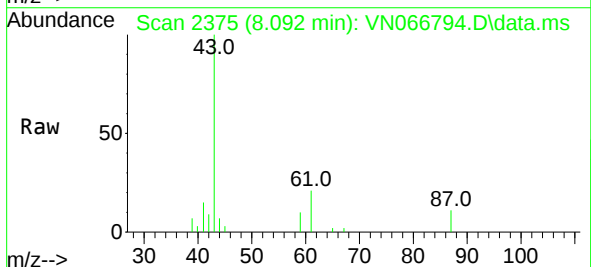
Instrument :
MSVOA_N
ClientSampled :



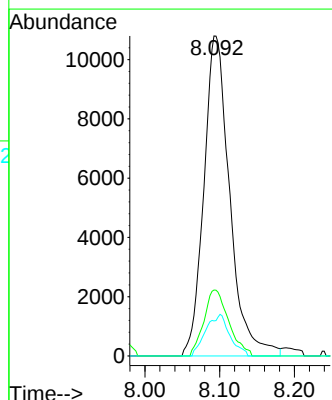
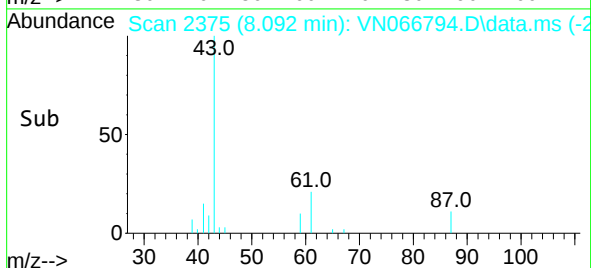
Tgt Ion:117 Resp: 29970
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#

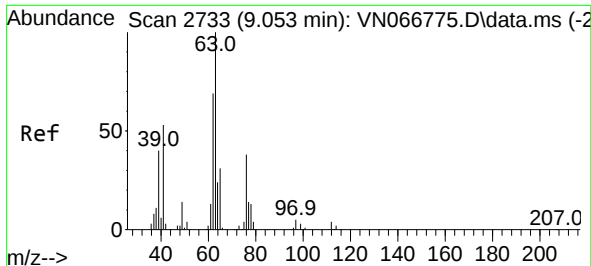


#43
Isopropyl Acetate
Concen: 3.14 ug/l
RT: 8.092 min Scan# 2375
Delta R.T. 0.000 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25



Tgt Ion: 43 Resp: 26017
Ion Ratio Lower Upper
43 100
61 19.7 22.5 33.7#
87 12.0 11.1 16.7





#45

1,2-Dichloropropane

Concen: 0.32 ug/l

RT: 9.200 min Scan# 2788

Delta R.T. 0.147 min

Lab File: VN066794.D

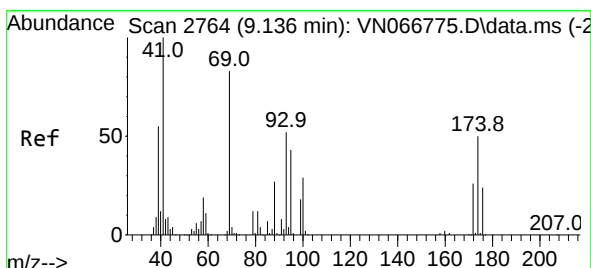
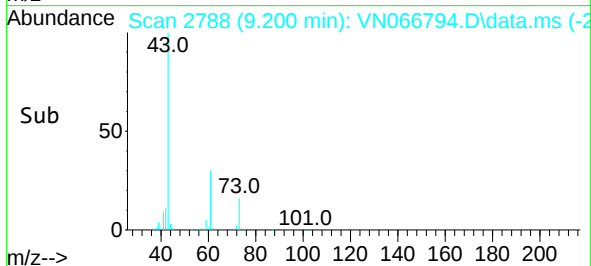
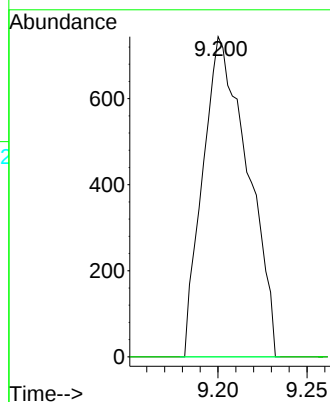
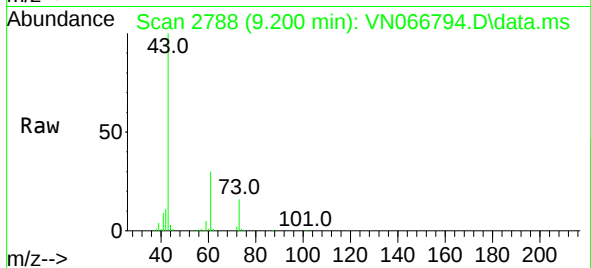
Acq: 27 Apr 2021 20:25

Tgt Ion: 63 Resp: 1303

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 1.67 ug/l

RT: 9.122 min Scan# 2759

Delta R.T. -0.014 min

Lab File: VN066794.D

Acq: 27 Apr 2021 20:25

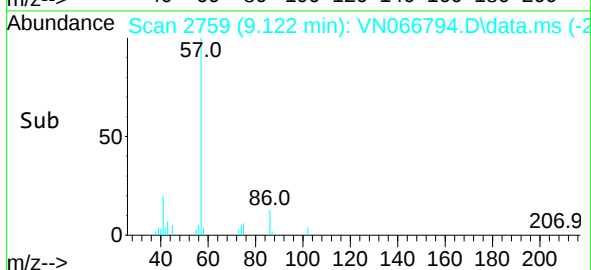
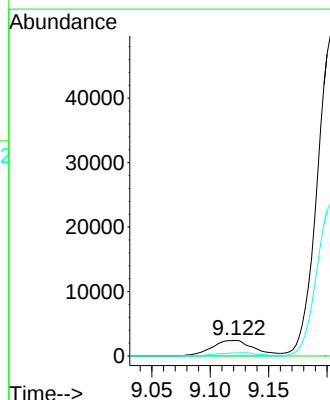
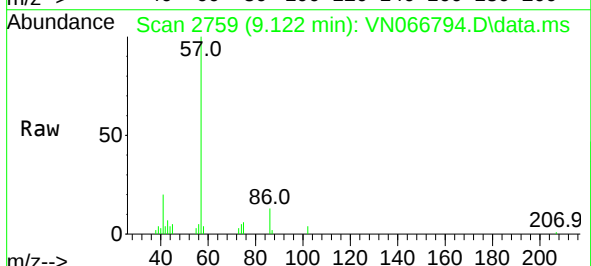
Tgt Ion: 41 Resp: 6046

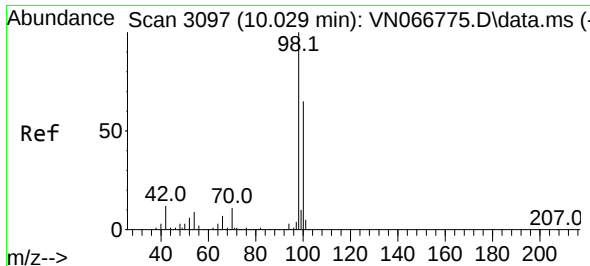
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

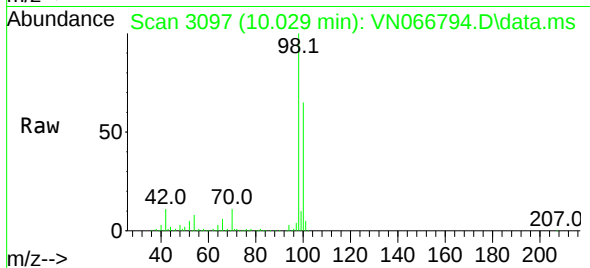
39 0.0 46.6 69.8#



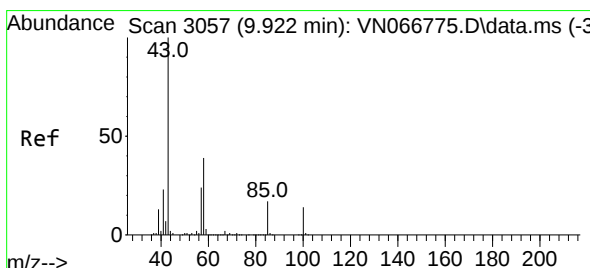
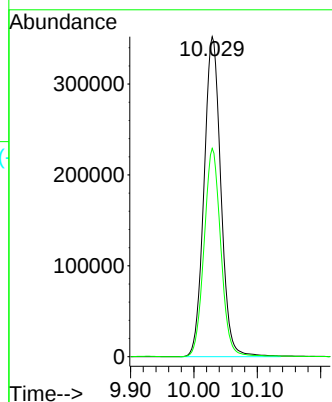
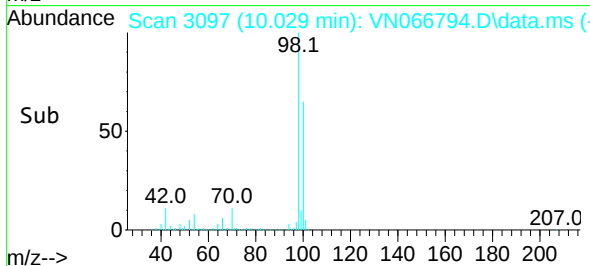


#50
Toluene-d8
Concen: 50.85 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

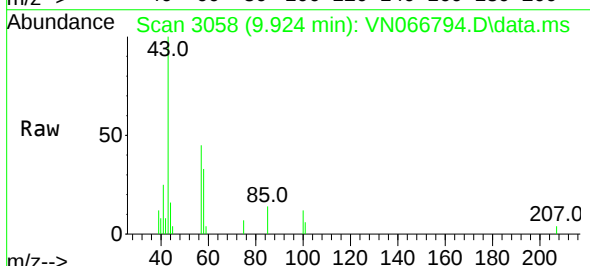
Instrument :
MSVOA_N
ClientSampled :



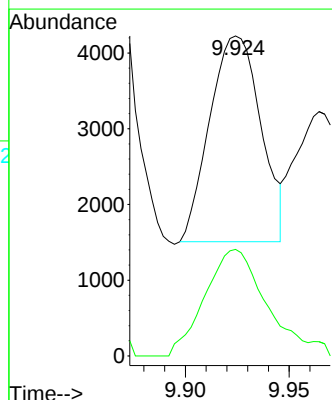
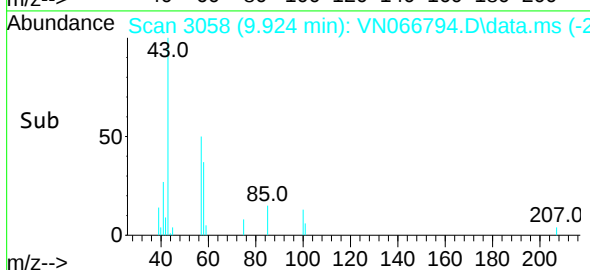
Tgt Ion: 98 Resp: 650989
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

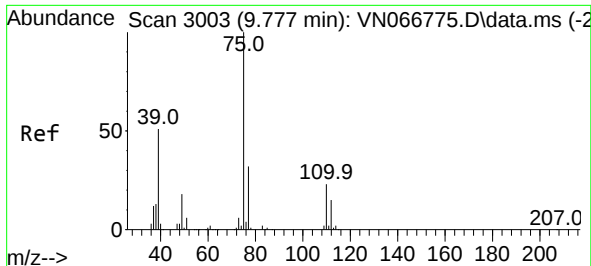


#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25



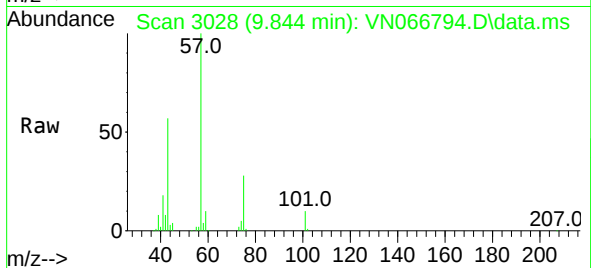
Tgt Ion: 43 Resp: 4667
Ion Ratio Lower Upper
43 100
58 62.8 32.5 48.7#



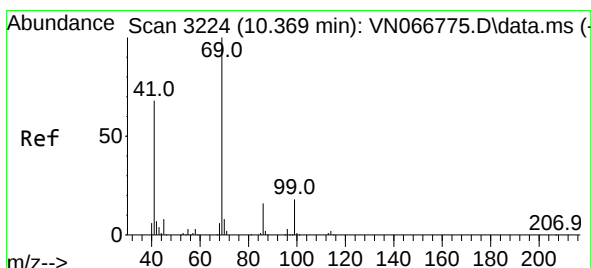
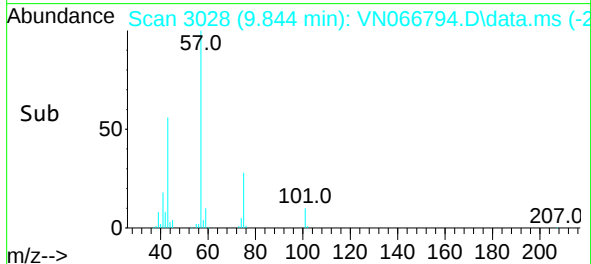
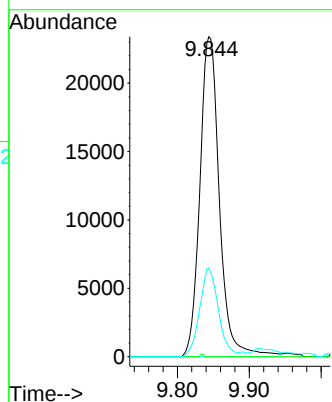


#54
cis-1,3-Dichloropropene
Concen: 7.08 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Instrument :
MSVOA_N
ClientSampled :

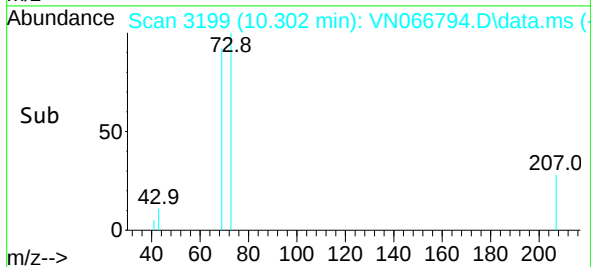
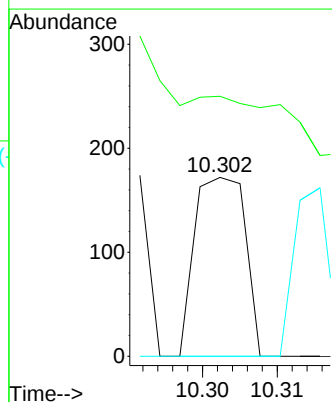
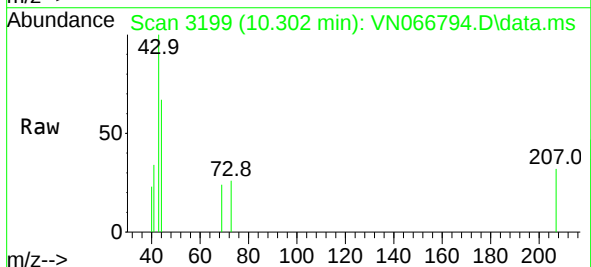


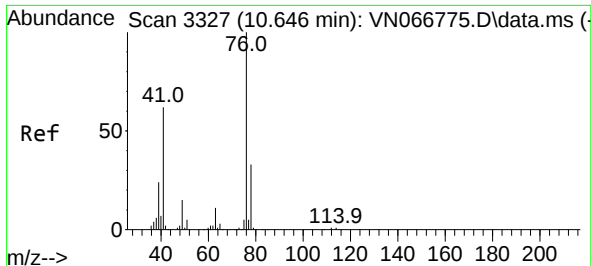
Tgt Ion: 75 Resp: 44205
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 27.7 36.2 54.4#



#56
Ethyl methacrylate
Concen: 3.18 ug/l
RT: 10.302 min Scan# 3199
Delta R.T. -0.067 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion: 69 Resp: 81
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

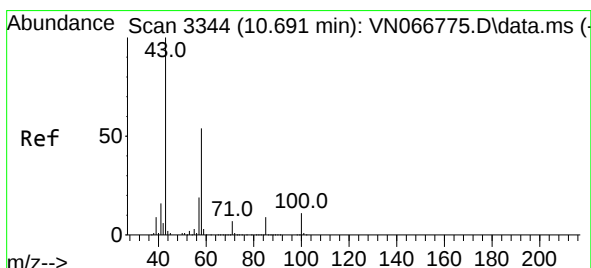
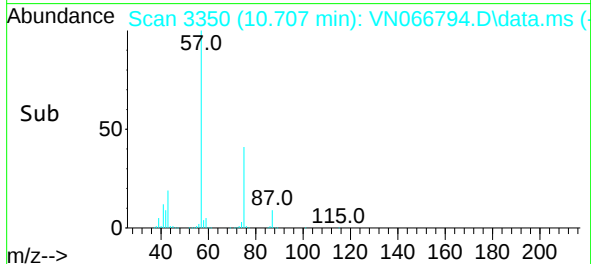
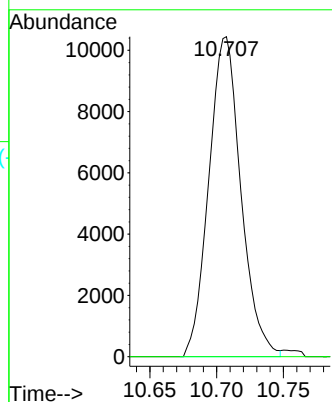
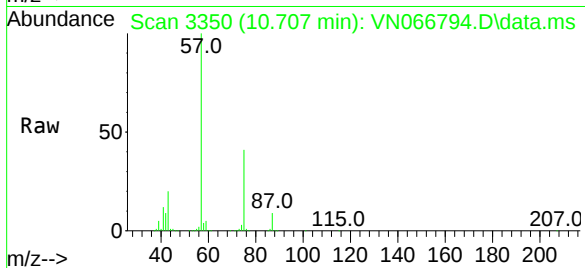




#57
1,3-Dichloropropane
Concen: 2.90 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

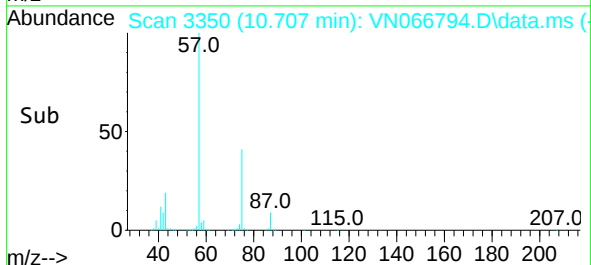
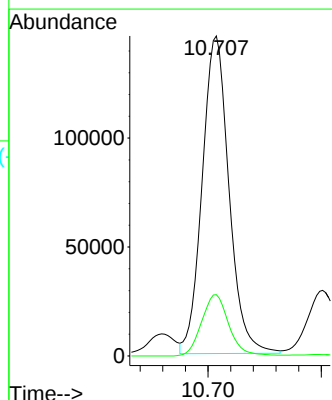
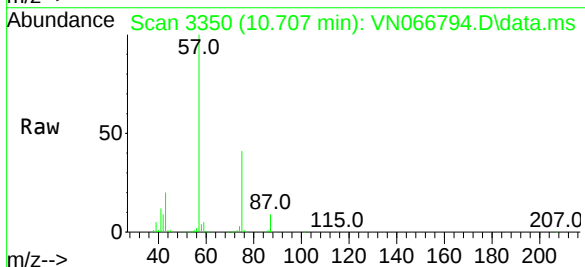
Instrument :
MSVOA_N
ClientSampleId :

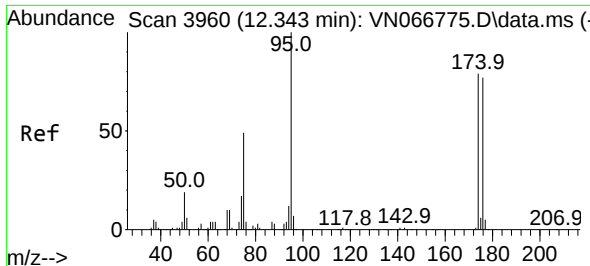
Tgt Ion: 76 Resp: 17467
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 81.88 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.016 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion: 43 Resp: 239634
Ion Ratio Lower Upper
43 100
58 19.7 28.1 84.3#

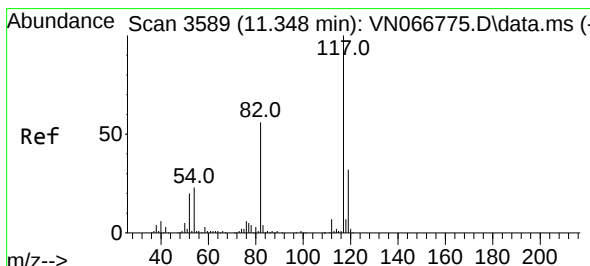
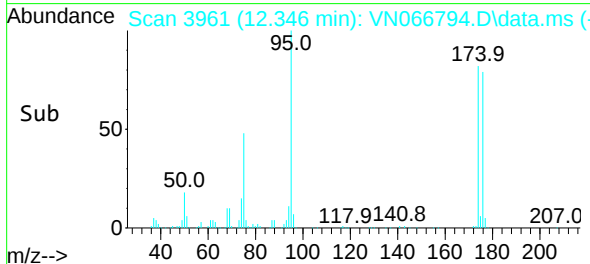
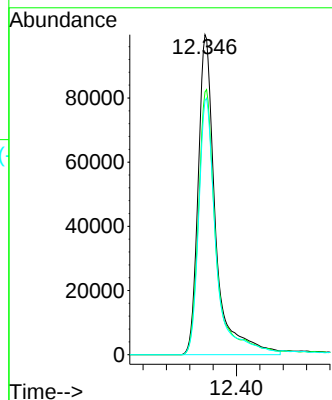
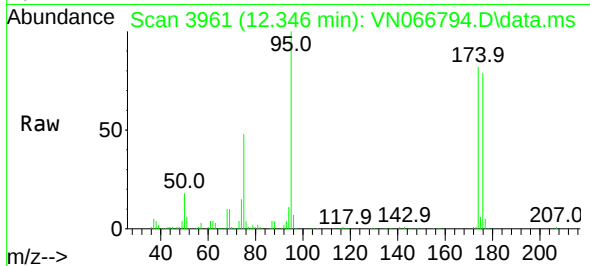




#62
4-Bromofluorobenzene
Concen: 47.41 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

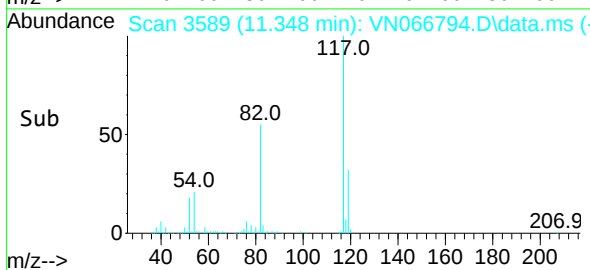
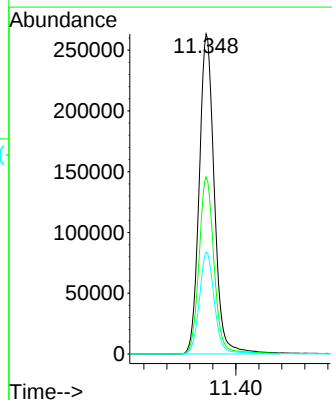
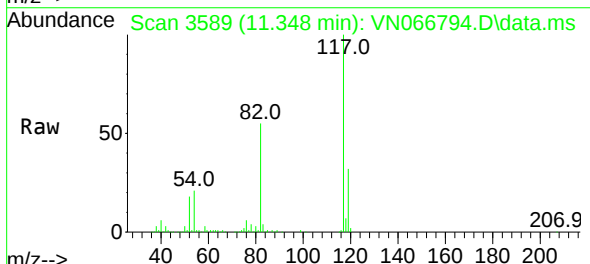
Instrument :
MSVOA_N
ClientSampleId :

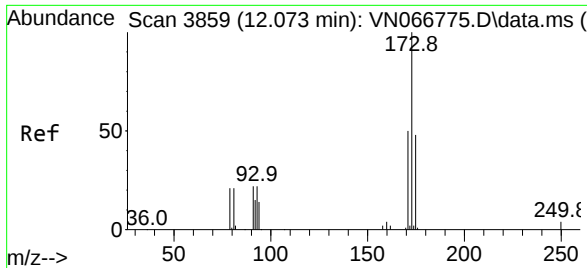
Tgt Ion: 95 Resp: 205389
Ion Ratio Lower Upper
95 100
174 79.2 0.0 169.0
176 80.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion: 117 Resp: 480259
Ion Ratio Lower Upper
117 100
82 55.3 43.7 65.5
119 31.8 26.1 39.1

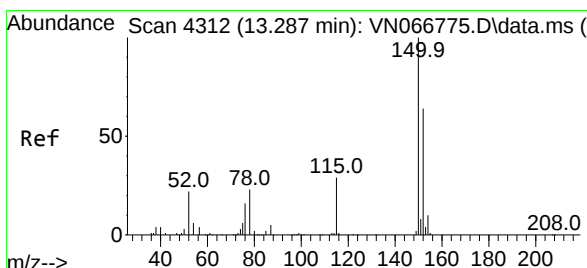
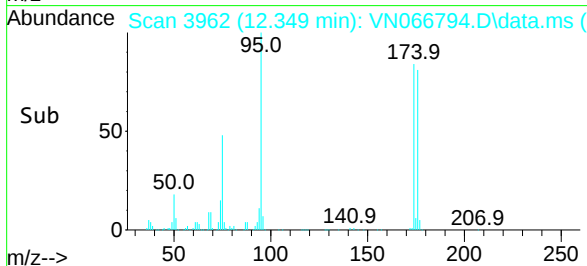
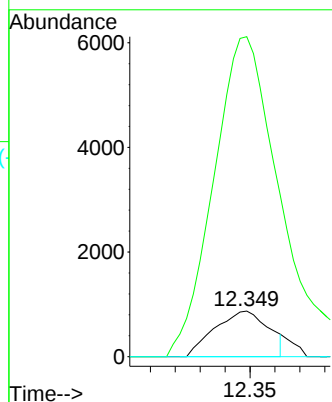
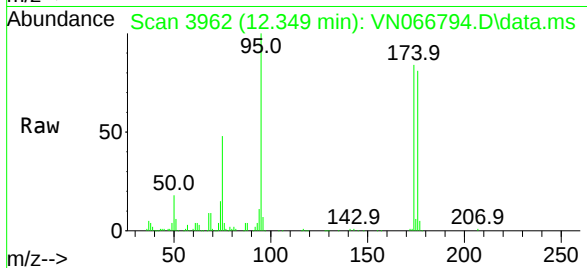




#71
Bromoform
Concen: 0.50 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

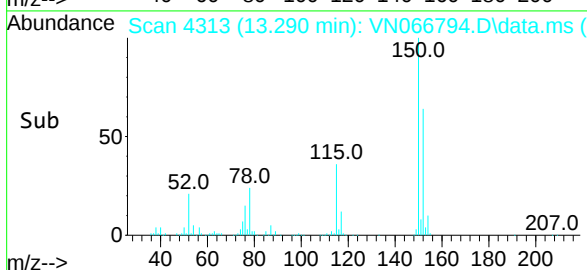
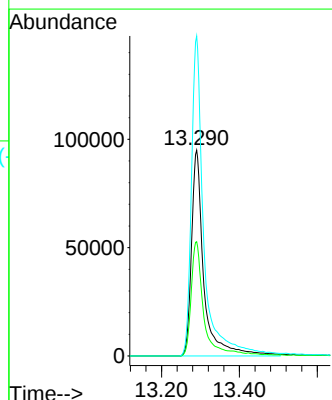
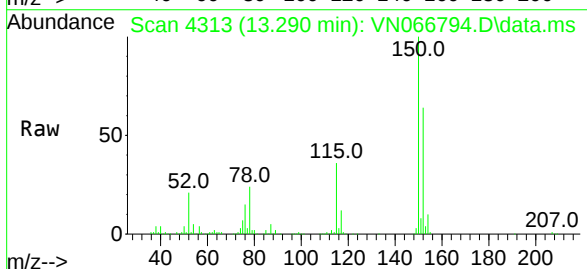
Instrument :
MSVOA_N
ClientSampled :

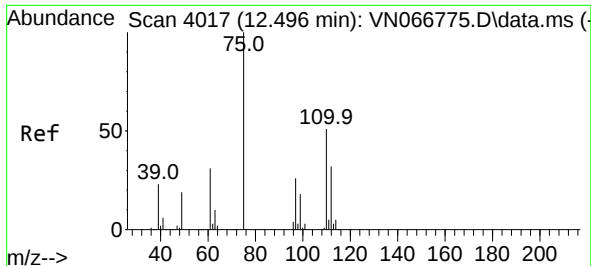
Tgt Ion:173 Resp: 1312
Ion Ratio Lower Upper
173 100
175 731.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion:152 Resp: 211228
Ion Ratio Lower Upper
152 100
115 55.4 28.5 85.6
150 154.0 0.0 347.6

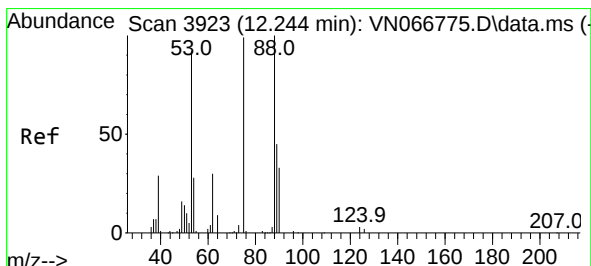
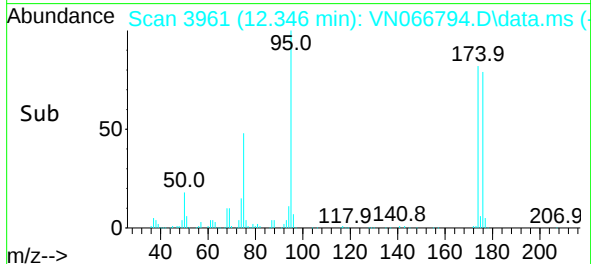
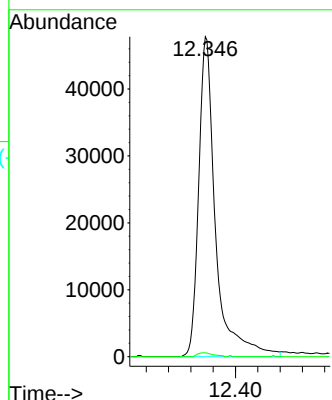
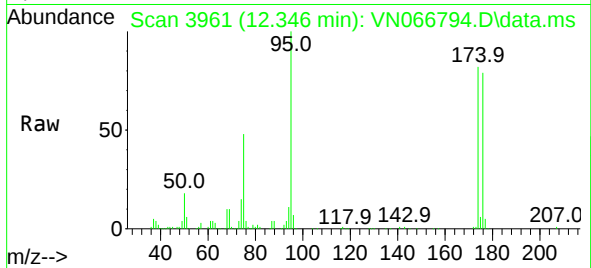




#76
1,2,3-Trichloropropane
Concen: 22.51 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 100196
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.05 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066794.D
Acq: 27 Apr 2021 20:25

Tgt Ion: 75 Resp: 100196
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.2 35.8 53.8#

