

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066791.D
 Acq On : 27 Apr 2021 19:13
 Operator : JC/MD
 Sample : M2176-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 28 08:13:14 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)

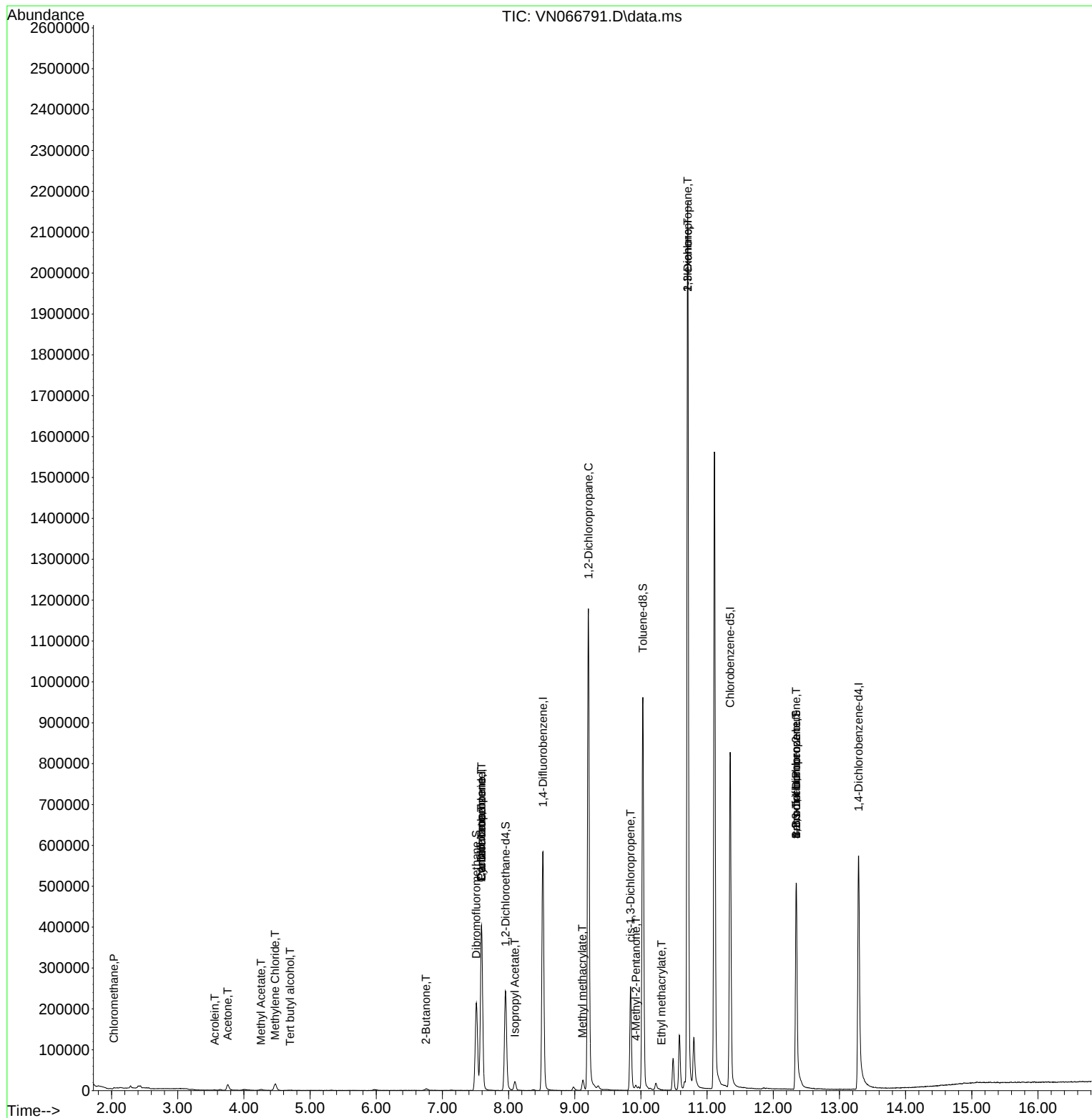
Internal Standards						
1) Pentafluorobenzene	7.591	168	353642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	549136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	500364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	213647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	212091	46.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.36%			
35) Dibromofluoromethane	7.513	113	170896	50.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.84%			
50) Toluene-d8	10.029	98	681841	51.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.50%			
62) 4-Bromofluorobenzene	12.346	95	212110	47.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.24%			
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1240	0.25	ug/l	96
11) Tert butyl alcohol	4.697	59	840	1.20	ug/l #	73
13) Acrolein	3.557	56	763	1.30	ug/l	98
16) Acetone	3.756	43	24019	14.01	ug/l	98
18) Methyl Acetate	4.260	43	4579	2.08	ug/l #	67
20) Methylene Chloride	4.472	84	11950	2.75	ug/l	96
25) 2-Butanone	6.752	43	2911	1.21	ug/l	89
31) Cyclohexane	7.588	56	6649	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	24631	4.83	ug/l #	47
38) Carbon Tetrachloride	7.591	117	30996	6.33	ug/l #	17
43) Isopropyl Acetate	8.095	43	27397	3.18	ug/l #	87
45) 1,2-Dichloropropane	9.208	63	1488	0.35	ug/l #	44
48) Methyl methacrylate	9.114	41	6522	1.74	ug/l #	10
51) 4-Methyl-2-Pentanone	9.924	43	8703	1.86	ug/l	95
54) cis-1,3-Dichloropropene	9.844	75	48392	7.46	ug/l #	62
56) Ethyl methacrylate	10.310	69	51	3.18	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	22325	3.57	ug/l #	43
59) 2-Hexanone	10.707	43	321187	99.93	ug/l #	50
71) Bromoform	12.346	173	1243	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	105279	23.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	105279	63.14	ug/l #	12

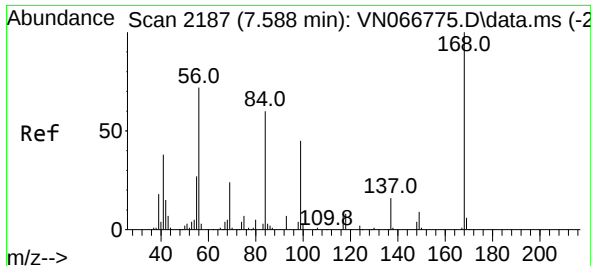
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

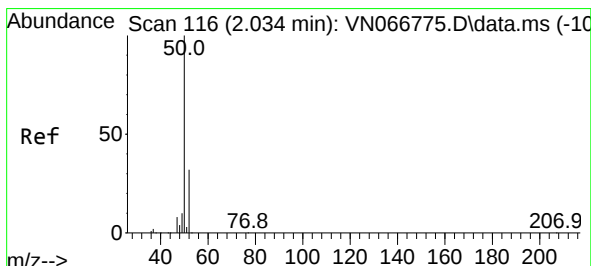
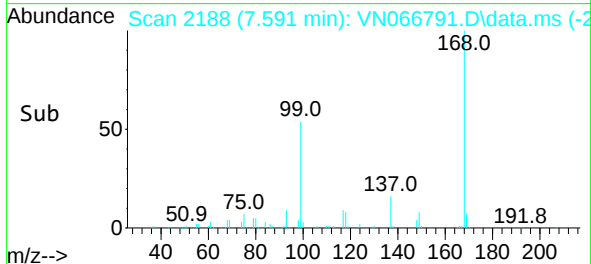
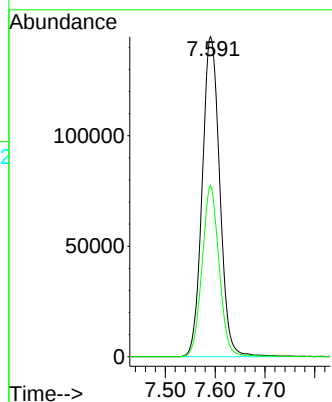
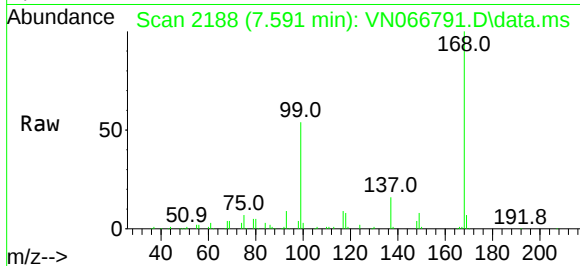




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

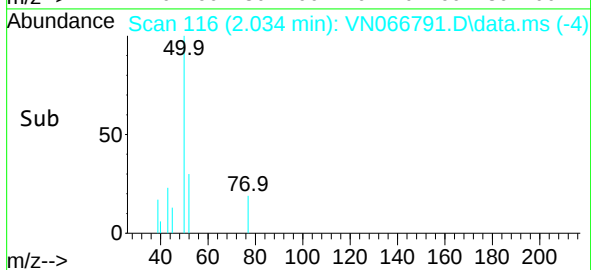
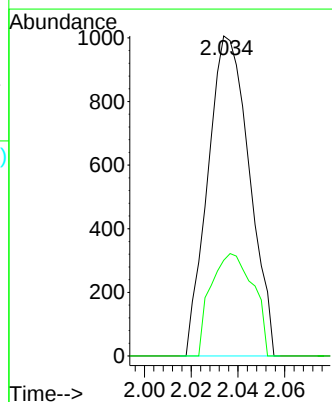
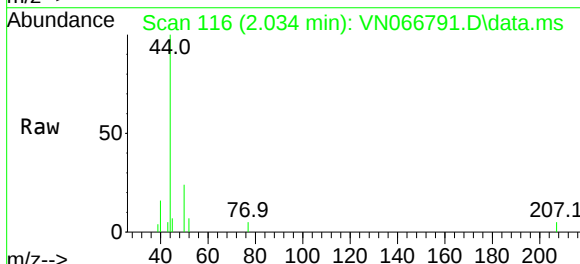
Instrument :
MSVOA_N
ClientSampled :

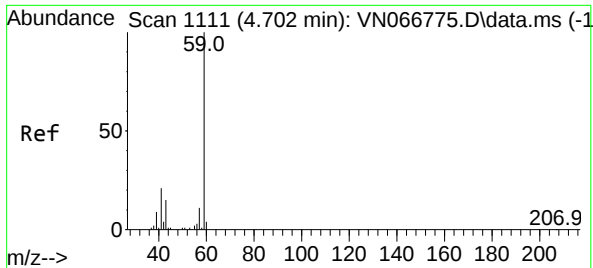
Tgt Ion:168 Resp: 353642
Ion Ratio Lower Upper
168 100
99 53.5 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 29.9 25.8 38.8

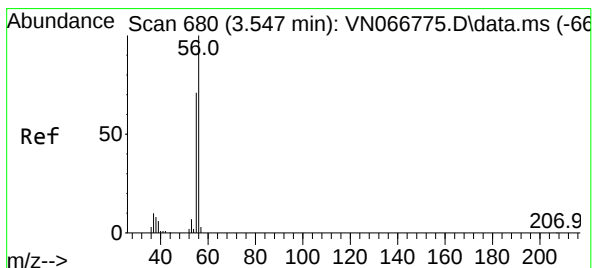
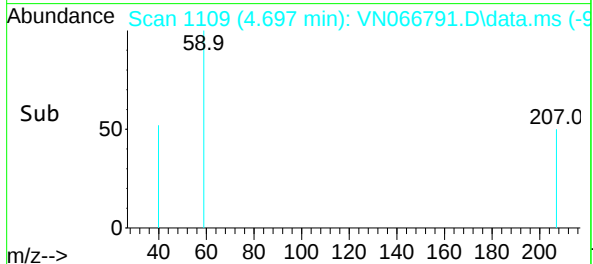
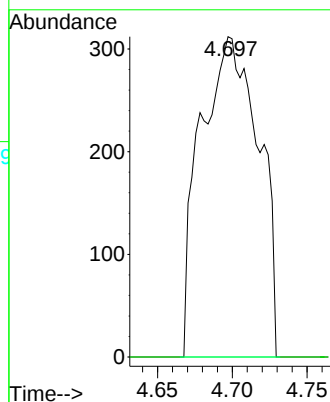
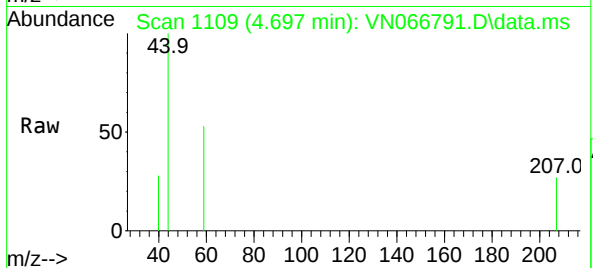




#11
Tert butyl alcohol
Concen: 1.20 ug/l
RT: 4.697 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

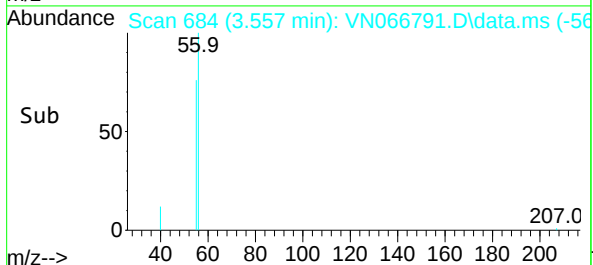
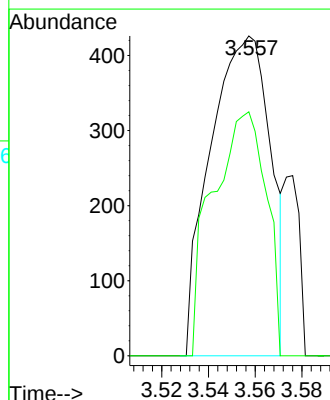
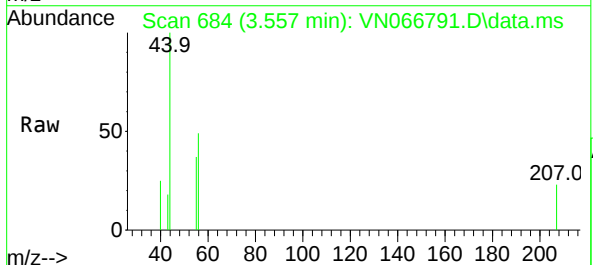
Instrument :
MSVOA_N
ClientSampled :

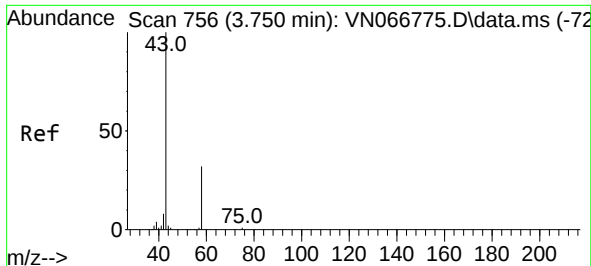
Tgt Ion: 59 Resp: 840
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 1.30 ug/l
RT: 3.557 min Scan# 684
Delta R.T. 0.010 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

Tgt Ion: 56 Resp: 763
Ion Ratio Lower Upper
56 100
55 68.0 56.0 84.0

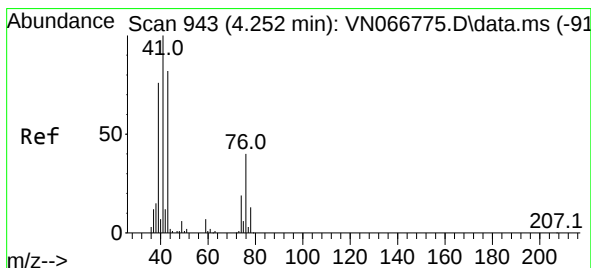
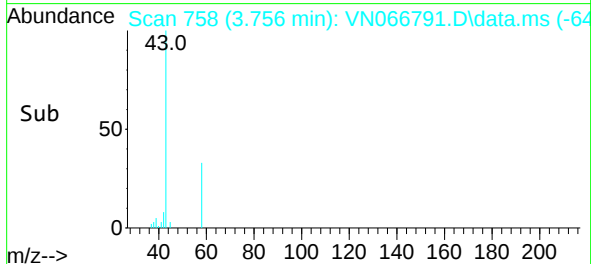
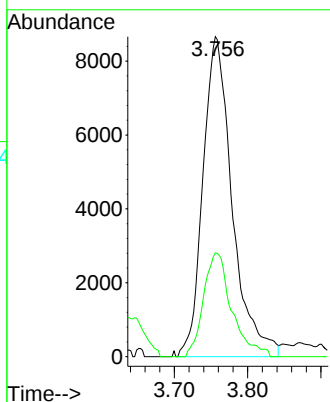
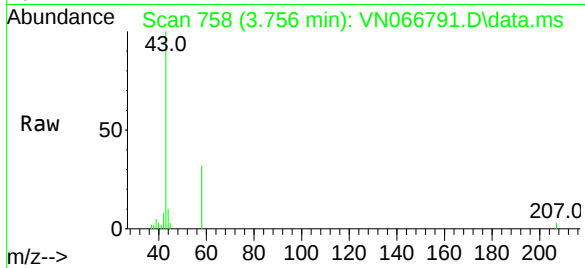




#16
Acetone
Concen: 14.01 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

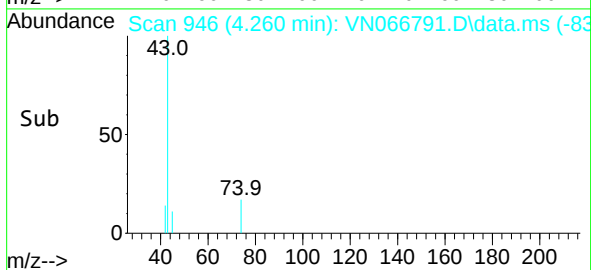
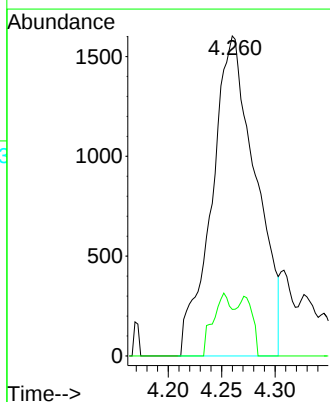
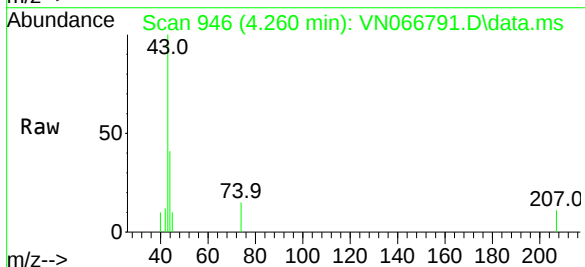
Instrument :
MSVOA_N
ClientSampled :

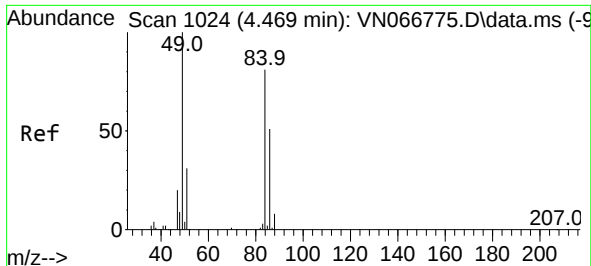
Tgt Ion: 43 Resp: 24019
Ion Ratio Lower Upper
43 100
58 32.4 27.0 40.6



#18
Methyl Acetate
Concen: 2.08 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.008 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

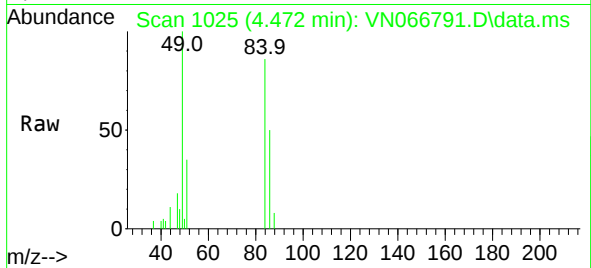
Tgt Ion: 43 Resp: 4579
Ion Ratio Lower Upper
43 100
74 8.0 19.5 29.3#



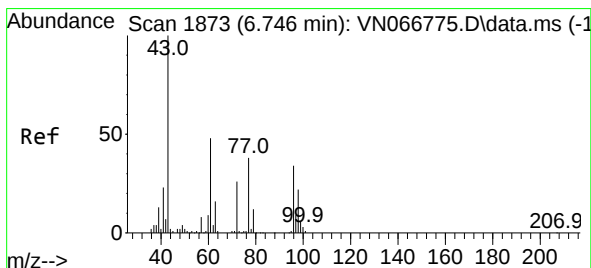
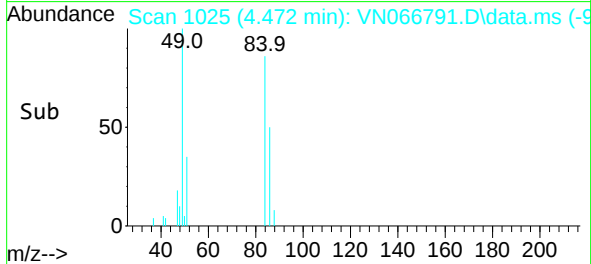
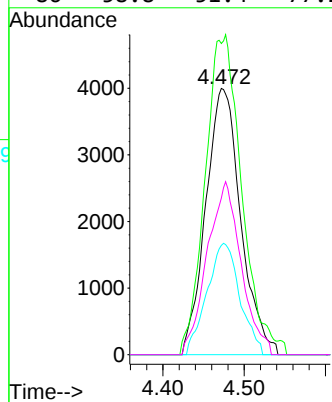


#20
Methylene Chloride
Concen: 2.75 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. 0.003 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

Instrument :
MSVOA_N
ClientSampled :

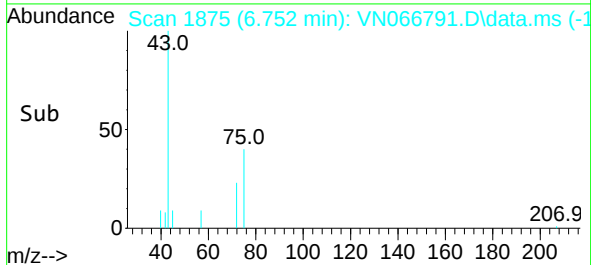
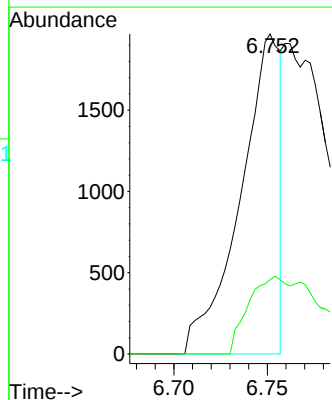
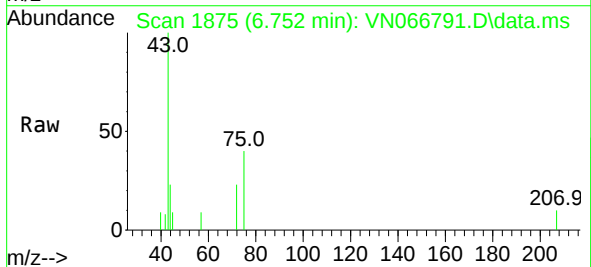


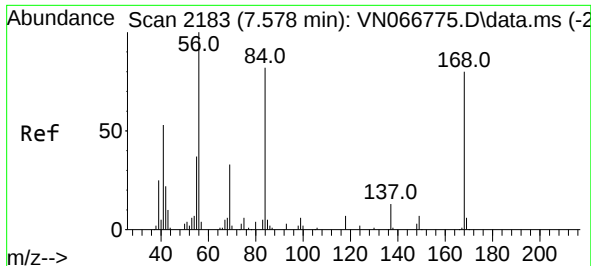
Tgt Ion:	84	Resp:	11950
Ion	Ratio	Lower	Upper
84	100		
49	116.9	94.6	141.8
51	41.1	29.9	44.9
86	58.8	51.4	77.2



#25
2-Butanone
Concen: 1.21 ug/l
RT: 6.752 min Scan# 1875
Delta R.T. 0.005 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

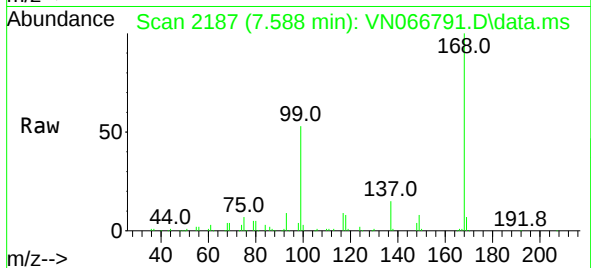
Tgt Ion:	43	Resp:	2911
Ion	Ratio	Lower	Upper
43	100		
72	23.3	23.1	34.7



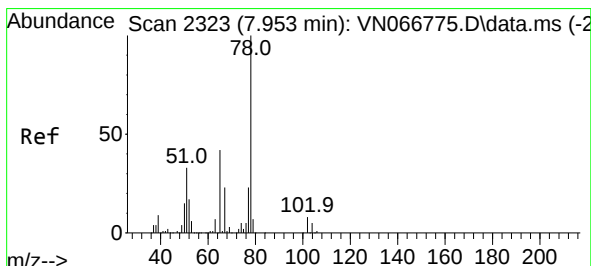
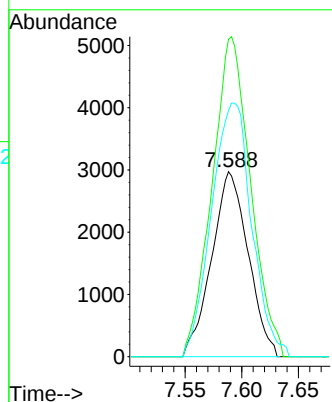
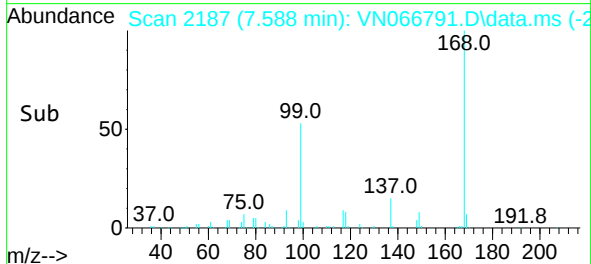


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

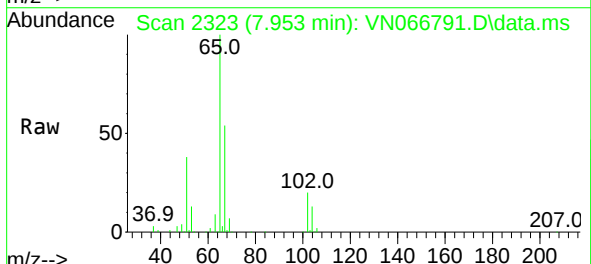
Instrument :
MSVOA_N
ClientSampleId :



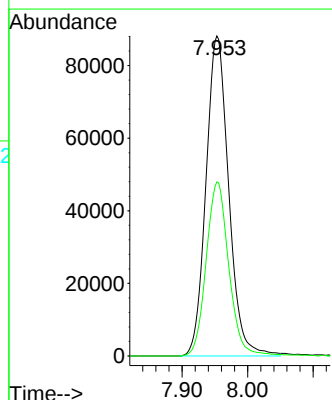
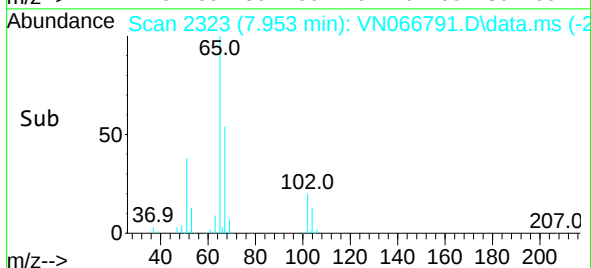
Tgt Ion: 56 Resp: 6649
Ion Ratio Lower Upper
56 100
69 171.7 26.6 39.8#
84 133.1 70.4 105.6#

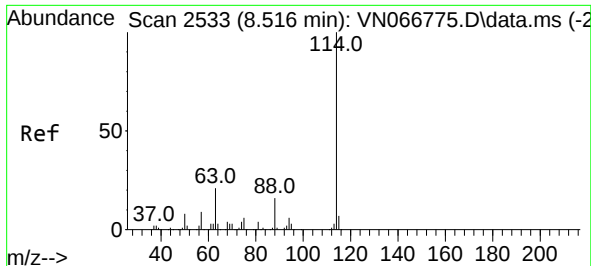


#33
1,2-Dichloroethane-d4
Concen: 46.68 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13



Tgt Ion: 65 Resp: 212091
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2

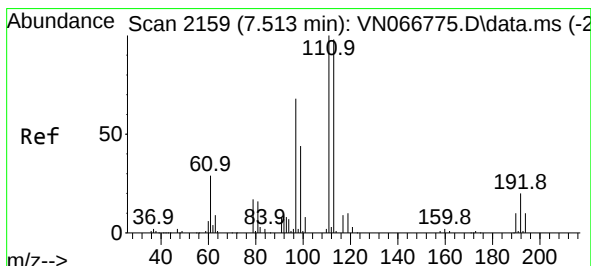
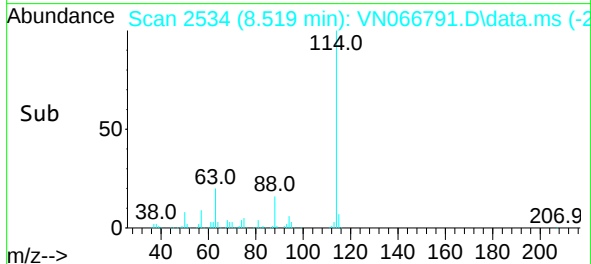
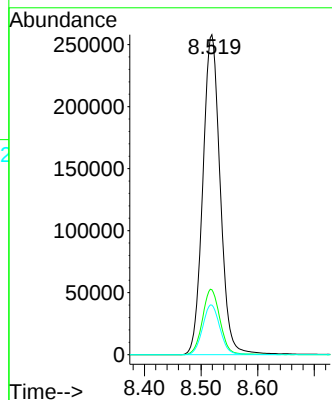
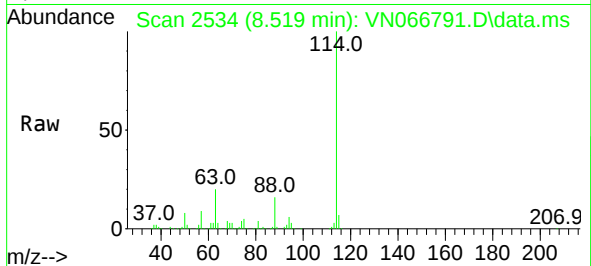




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

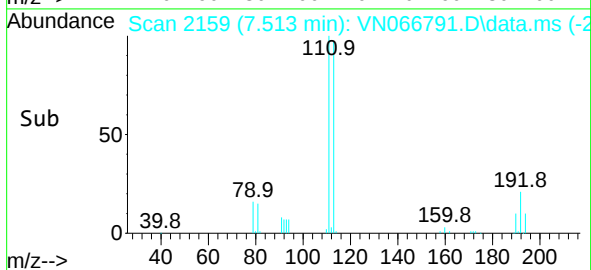
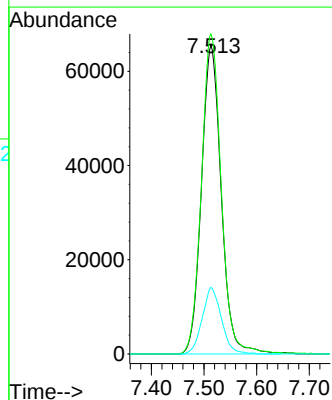
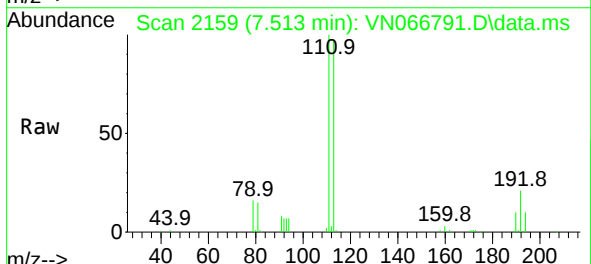
Instrument :
MSVOA_N
ClientSampleId :

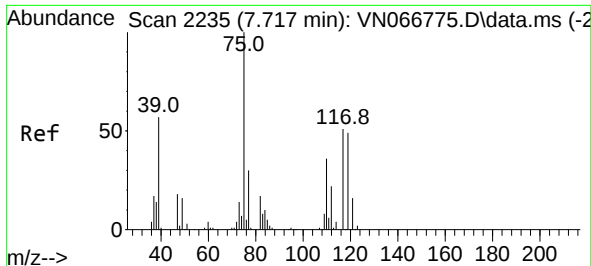
Tgt Ion:114 Resp: 549136
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.42 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

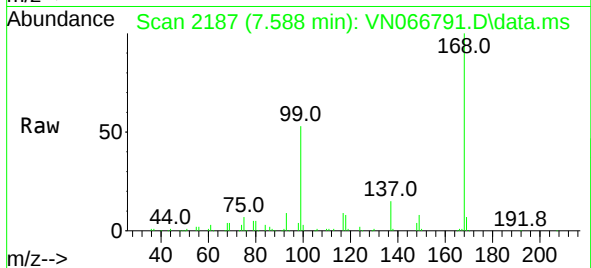
Tgt Ion:113 Resp: 170896
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 20.8 15.4 23.0



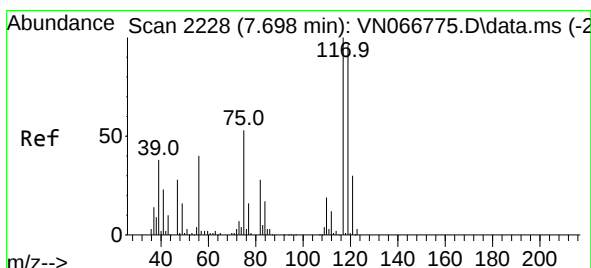
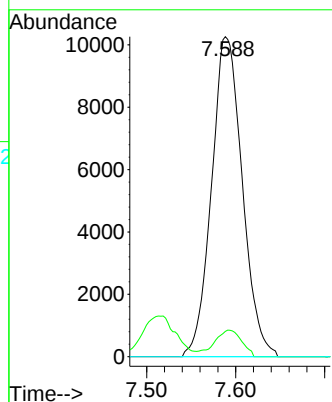
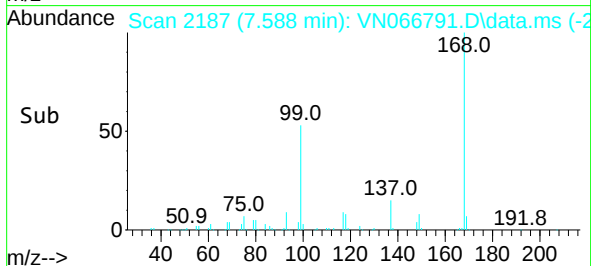


#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

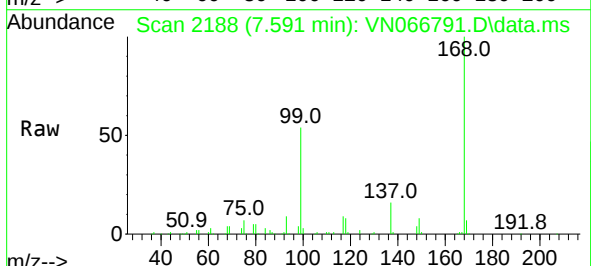
Instrument :
MSVOA_N
ClientSampled :



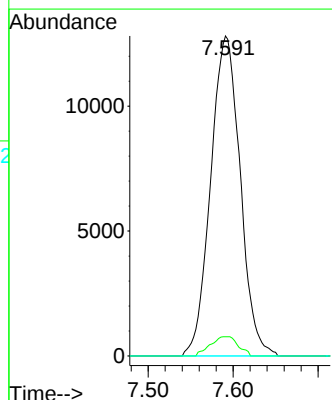
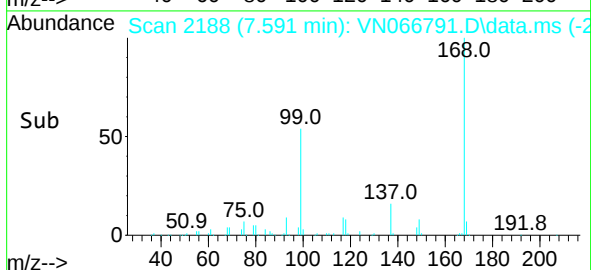
Tgt Ion: 75 Resp: 24631
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#

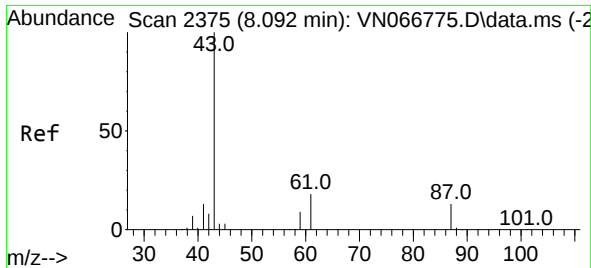


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13



Tgt Ion: 117 Resp: 30996
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.5 36.7#

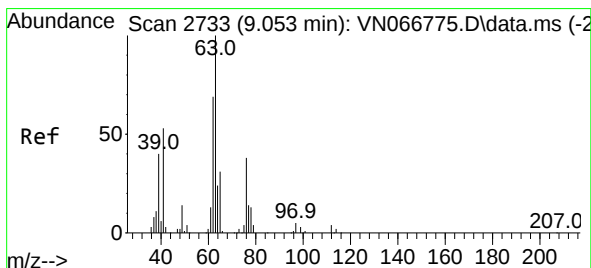
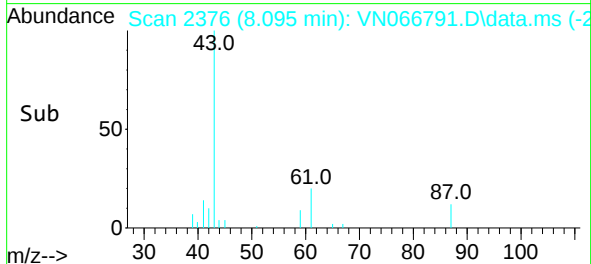
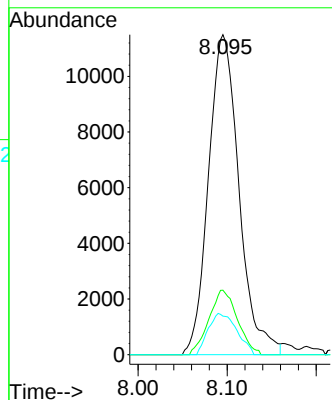
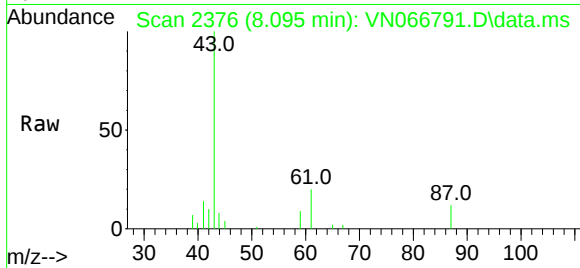




#43
Isopropyl Acetate
Concen: 3.18 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.003 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

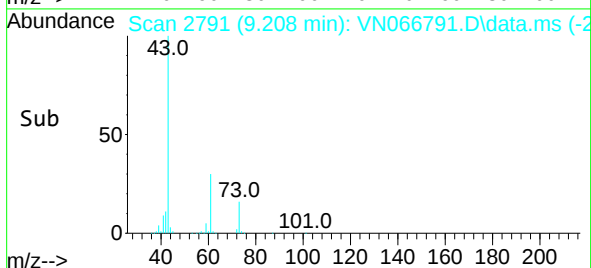
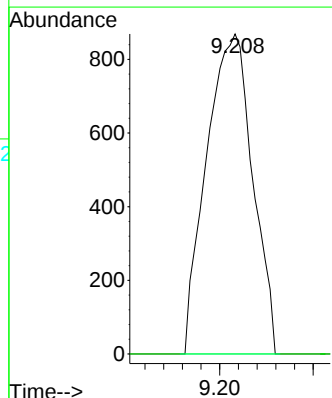
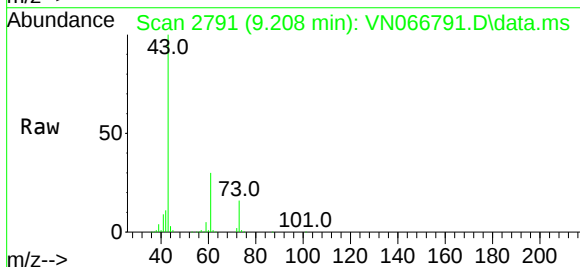
Instrument :
MSVOA_N
ClientSampled :

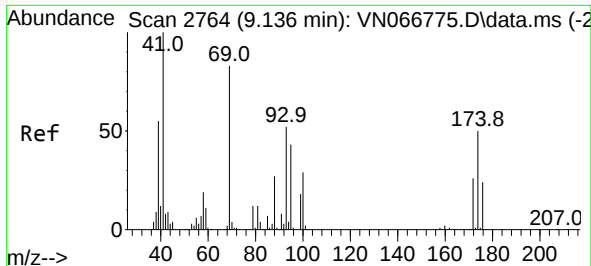
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	22.5	33.7#
87	12.0	11.1	16.7



#45
1,2-Dichloropropane
Concen: 0.35 ug/l
RT: 9.208 min Scan# 2791
Delta R.T. 0.155 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

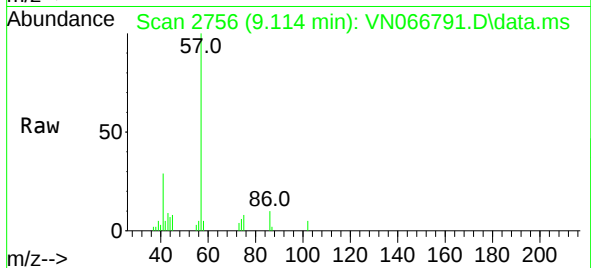
Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#



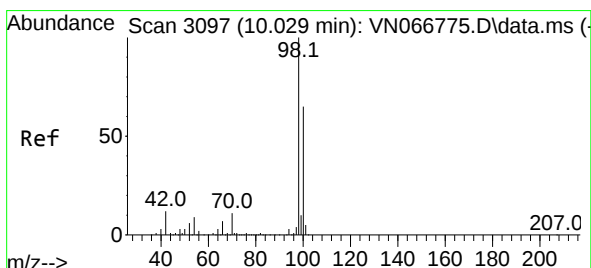
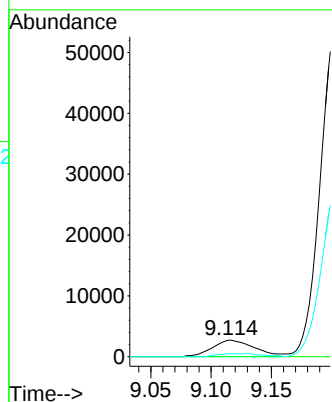
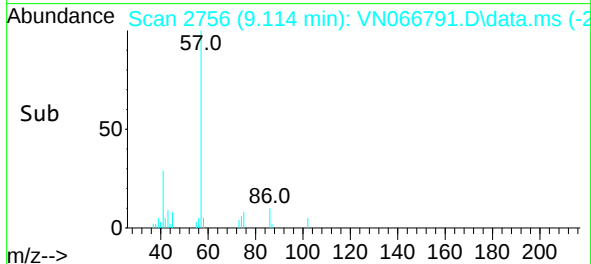


#48
Methyl methacrylate
Concen: 1.74 ug/l
RT: 9.114 min Scan# 2756
Delta R.T. -0.022 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

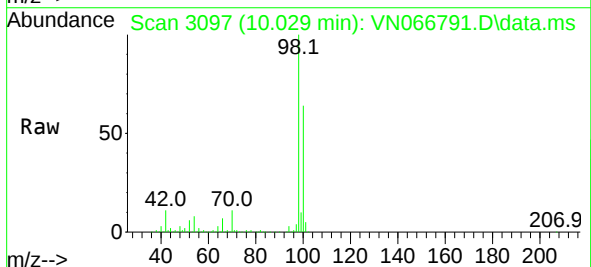
Instrument :
MSVOA_N
ClientSampled :



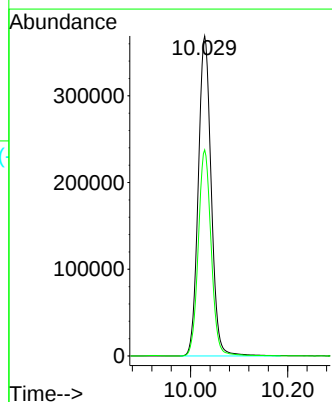
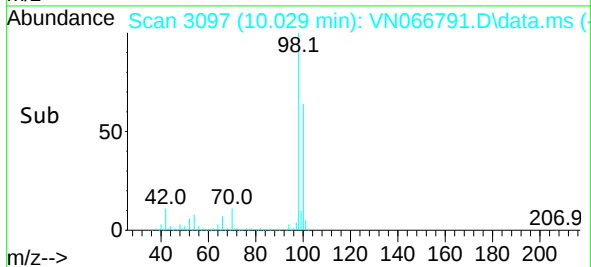
Tgt Ion: 41 Resp: 6522
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

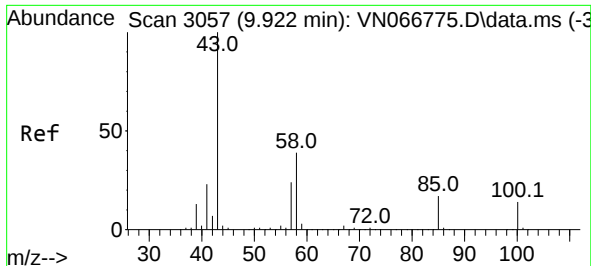


#50
Toluene-d8
Concen: 51.25 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13



Tgt Ion: 98 Resp: 681841
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

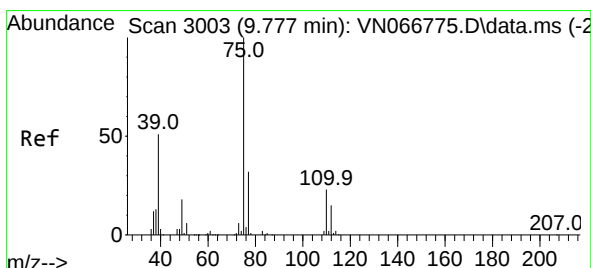
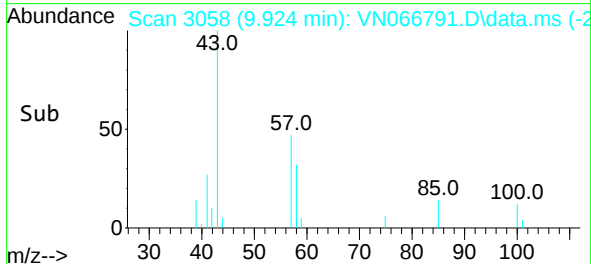
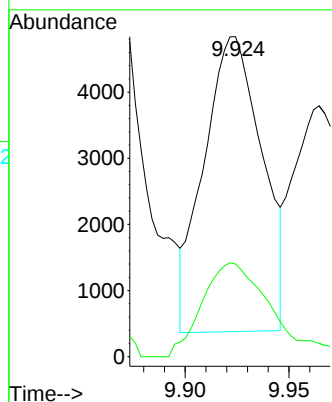
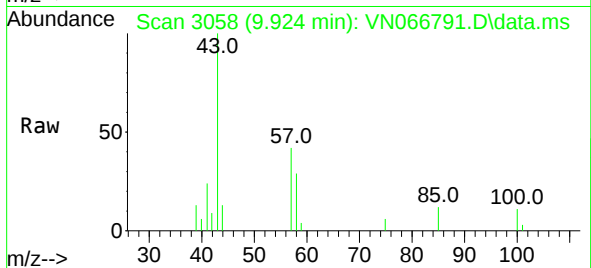




#51
4-Methyl-2-Pentanone
Concen: 1.86 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

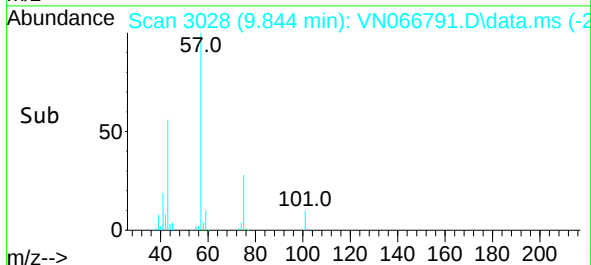
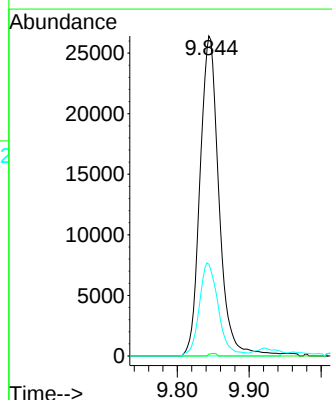
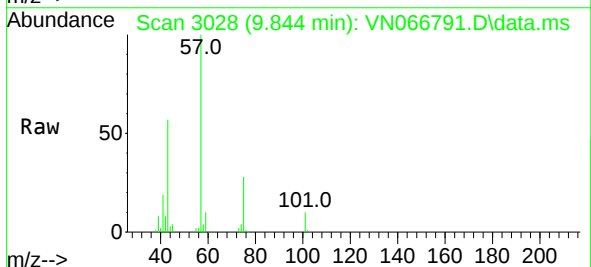
Instrument :
MSVOA_N
ClientSampled :

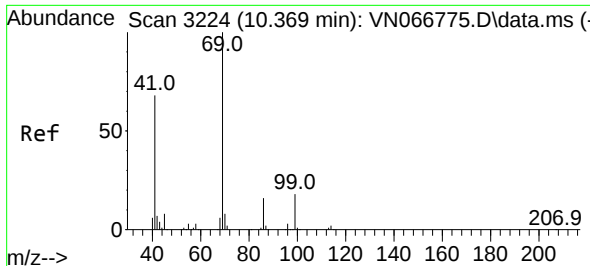
Tgt Ion: 43 Resp: 8703
Ion Ratio Lower Upper
43 100
58 37.8 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.46 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

Tgt Ion: 75 Resp: 48392
Ion Ratio Lower Upper
75 100
77 0.6 24.9 37.3#
39 28.7 36.2 54.4#

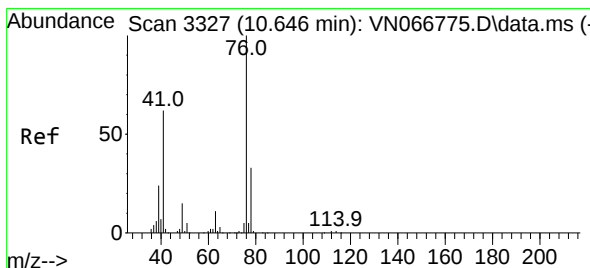
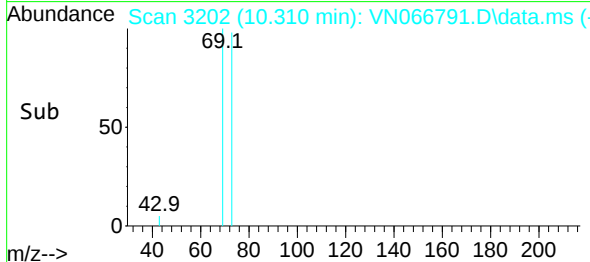
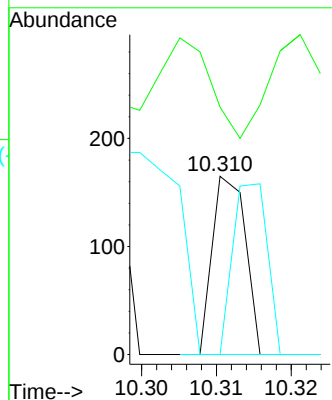
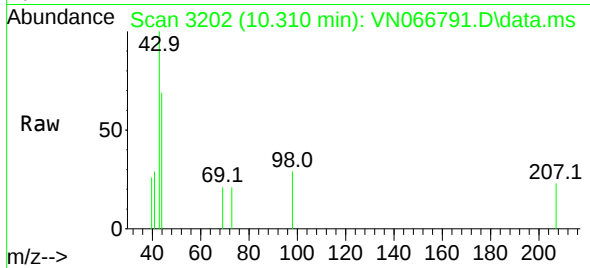




#56
Ethyl methacrylate
Concen: 3.18 ug/l
RT: 10.310 min Scan# 3202
Delta R.T. -0.059 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

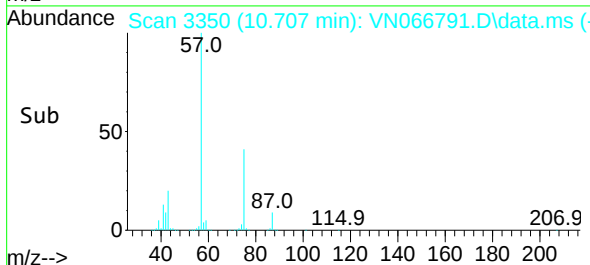
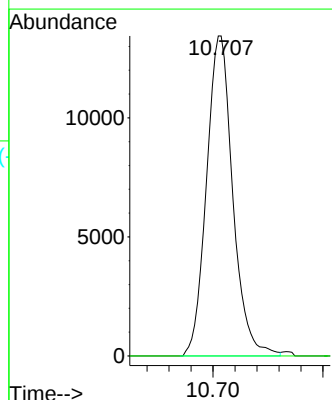
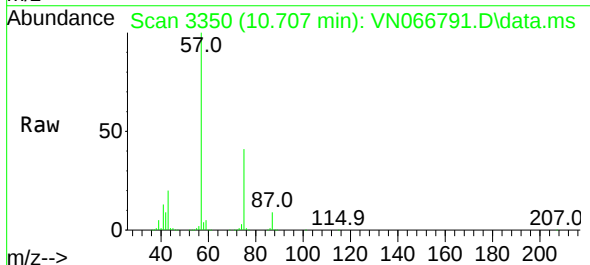
Instrument :
MSVOA_N
ClientSampled :

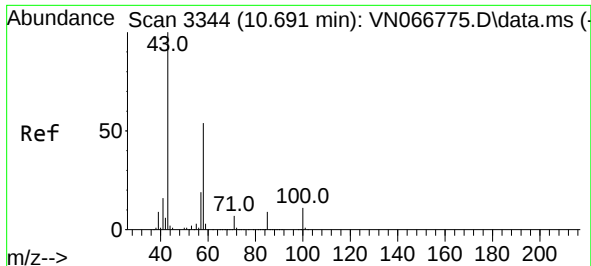
Tgt Ion: 69 Resp: 51
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 3.57 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

Tgt Ion: 76 Resp: 22325
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

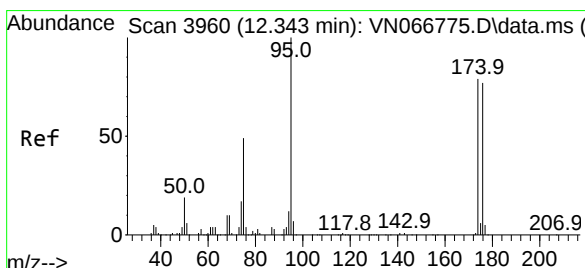
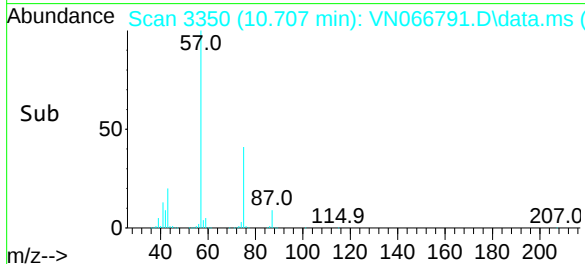
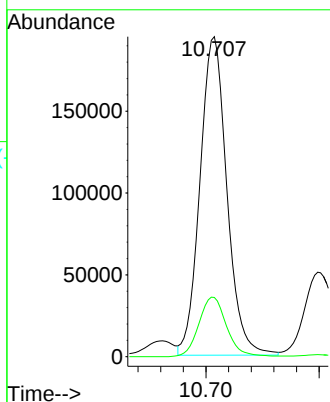
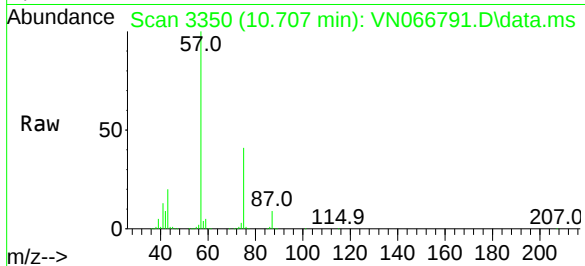




#59
2-Hexanone
Concen: 99.93 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.016 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

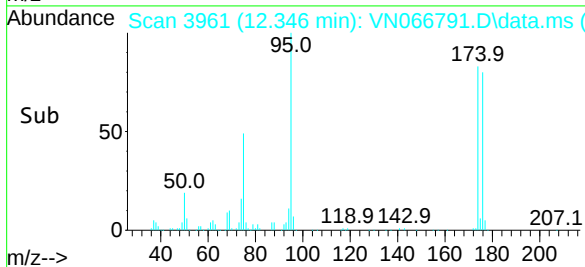
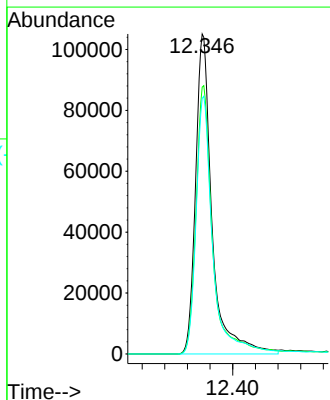
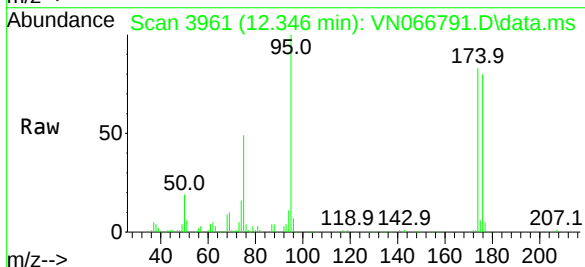
Instrument :
MSVOA_N
ClientSampled :

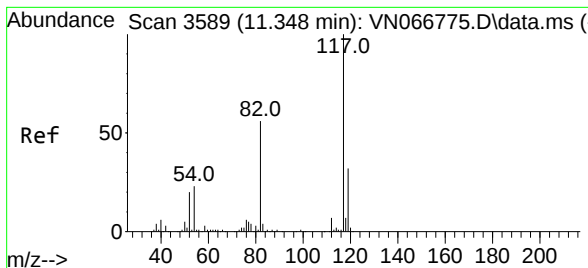
Tgt Ion: 43 Resp: 321187
Ion Ratio Lower Upper
43 100
58 19.3 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 47.12 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

Tgt Ion: 95 Resp: 212110
Ion Ratio Lower Upper
95 100
174 83.8 0.0 169.0
176 81.1 0.0 162.4

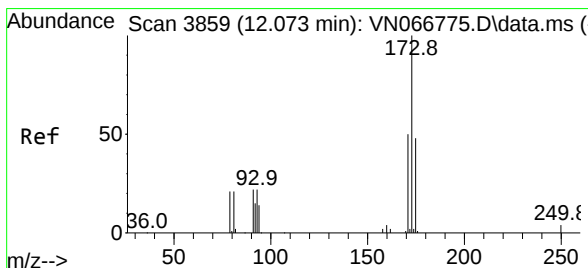
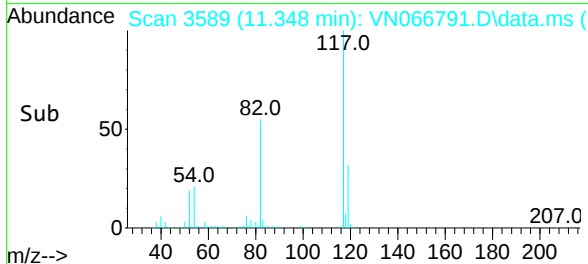
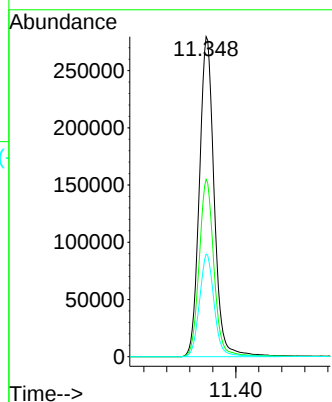
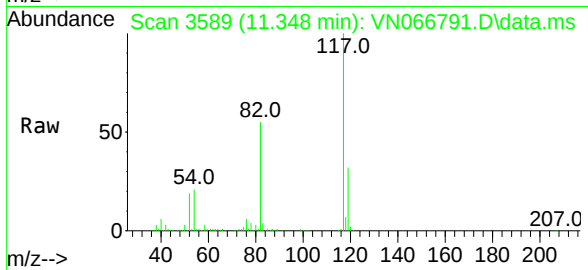




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

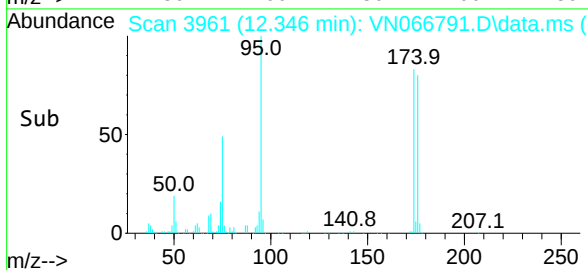
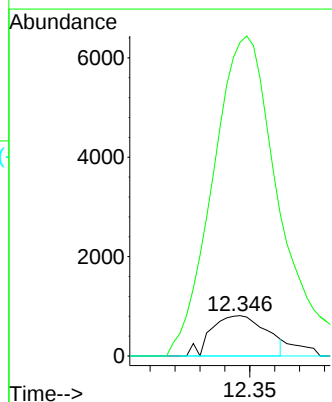
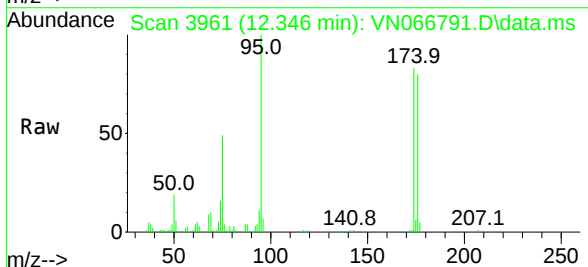
Instrument :
MSVOA_N
ClientSampleId :

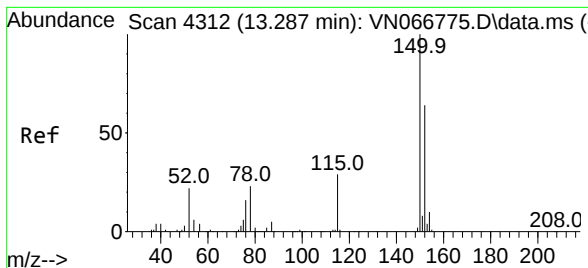
Tgt Ion:117 Resp: 500364
Ion Ratio Lower Upper
117 100
82 55.4 43.7 65.5
119 32.1 26.1 39.1



#71
Bromoform
Concen: 0.46 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

Tgt Ion:173 Resp: 1243
Ion Ratio Lower Upper
173 100
175 819.0 23.8 71.2#
254 0.0 0.0 0.0

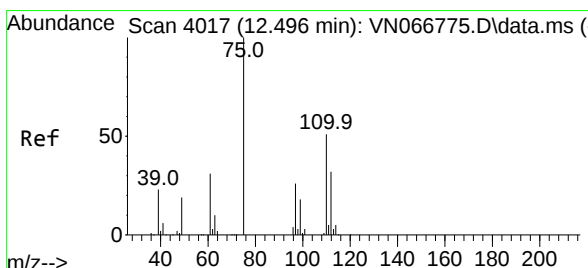
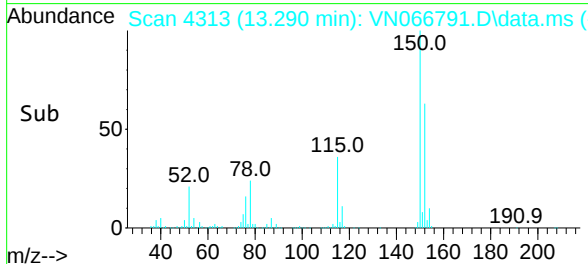
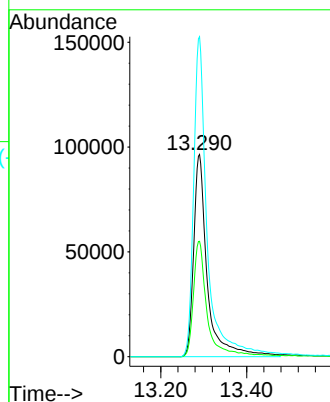
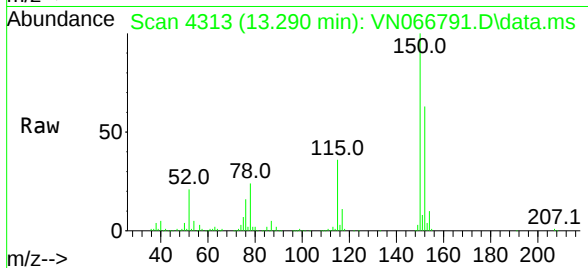




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

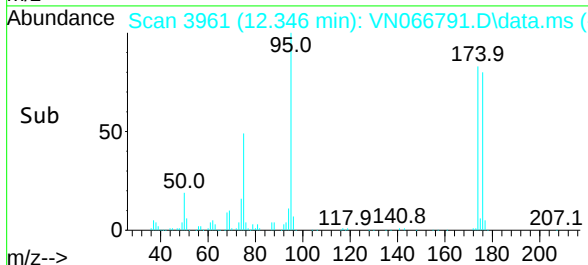
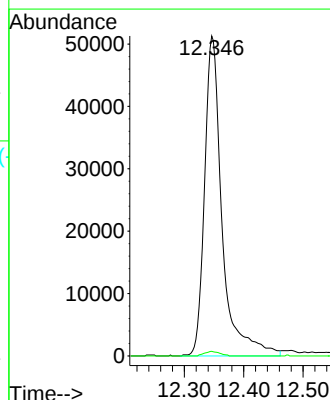
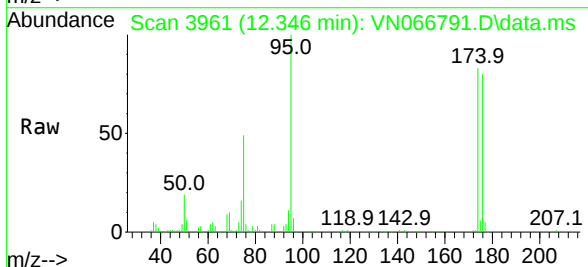
Instrument :
MSVOA_N
ClientSampled :

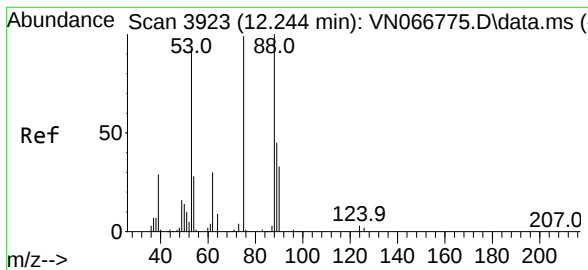
Tgt Ion:152 Resp: 213647
Ion Ratio Lower Upper
152 100
115 54.8 28.5 85.6
150 157.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.38 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066791.D
Acq: 27 Apr 2021 19:13

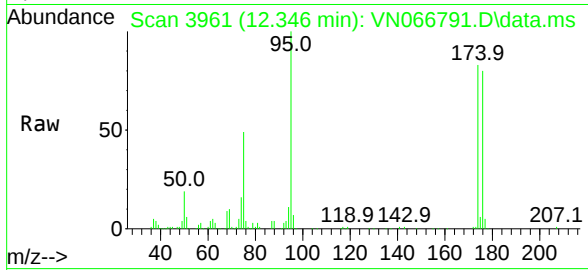
Tgt Ion: 75 Resp: 105279
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.14 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066791.D
 Acq: 27 Apr 2021 19:13

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 105279
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.3 35.8 53.8#

