

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066850.D
 Acq On : 29 Apr 2021 7:17
 Operator : JC/MD
 Sample : M2199-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 07:47:43 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)

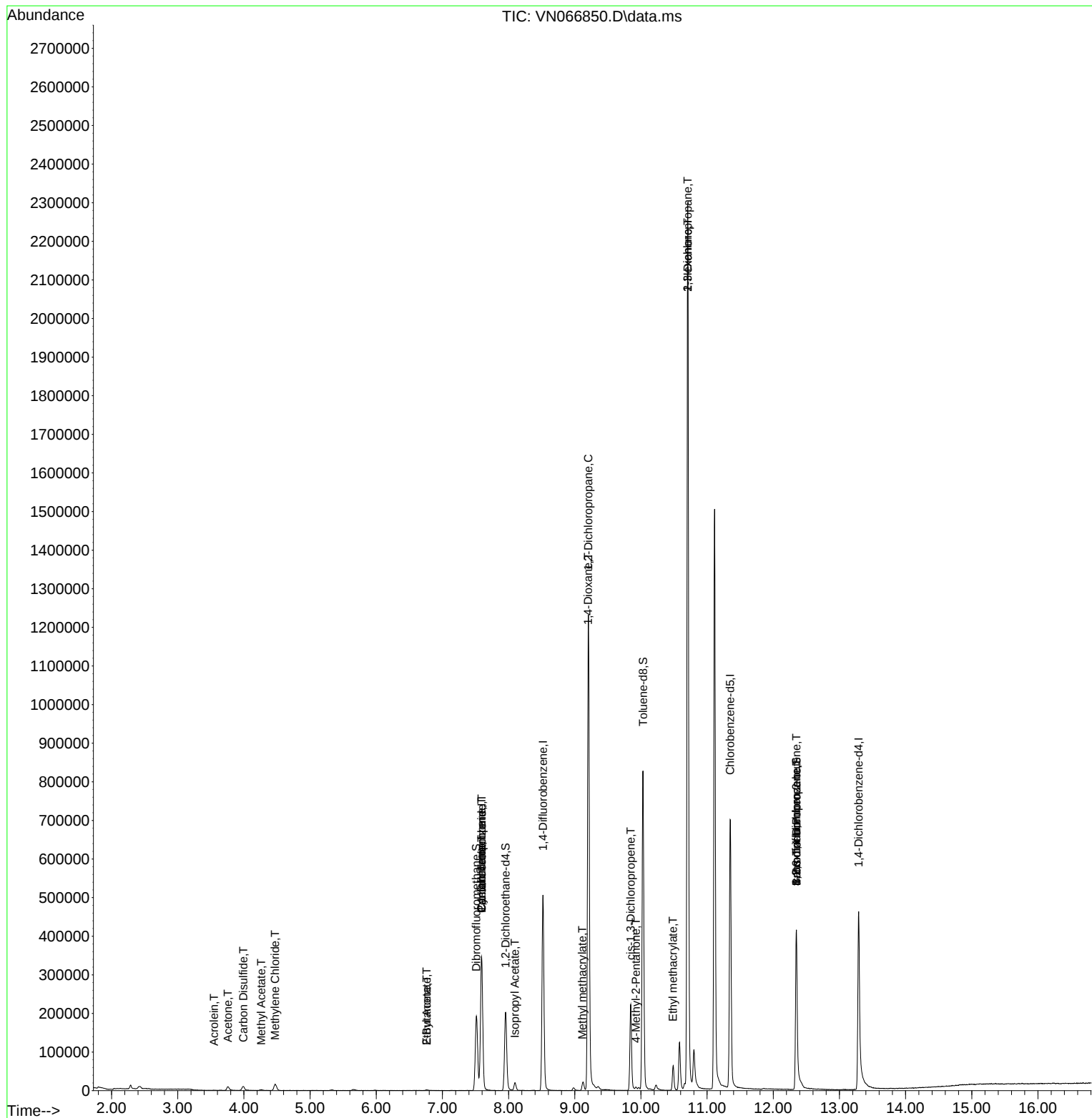
Internal Standards						
1) Pentafluorobenzene	7.594	168	313803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	478038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	450908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	184523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	173691	43.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.16%		
35) Dibromofluoromethane	7.513	113	156338	52.98	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.96%		
50) Toluene-d8	10.031	98	598333	51.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.32%		
62) 4-Bromofluorobenzene	12.349	95	178404	45.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.04%		
Target Compounds						Qvalue
13) Acrolein	3.549	56	318	0.61	ug/l #	7
16) Acetone	3.758	43	16623	10.93	ug/l	92
17) Carbon Disulfide	3.989	76	20876	2.17	ug/l	99
18) Methyl Acetate	4.263	43	4443	2.17	ug/l #	65
20) Methylene Chloride	4.472	84	13134	3.41	ug/l	98
25) 2-Butanone	6.762	43	3549	1.66	ug/l	99
31) Cyclohexane	7.591	56	4859	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	20356	4.58	ug/l #	48
37) Ethyl Acetate	6.762	43	3549	0.75	ug/l #	68
38) Carbon Tetrachloride	7.594	117	26667	6.26	ug/l #	17
43) Isopropyl Acetate	8.095	43	24119	3.22	ug/l #	90
45) 1,2-Dichloropropane	9.205	63	1672	0.45	ug/l #	44
48) Methyl methacrylate	9.114	41	5813	1.78	ug/l #	10
49) 1,4-Dioxane	9.200	88	78	1.59	ug/l #	1
51) 4-Methyl-2-Pentanone	9.927	43	5836	1.43	ug/l	90
54) cis-1,3-Dichloropropene	9.846	75	44697	7.91	ug/l #	58
56) Ethyl methacrylate	10.485	69	546	3.27	ug/l #	1
57) 1,3-Dichloropropane	10.707	76	24793	4.55	ug/l #	43
59) 2-Hexanone	10.707	43	309253	108.46	ug/l #	52
71) Bromoform	12.349	173	1222	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	81364	20.92	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	81364	57.25	ug/l #	12

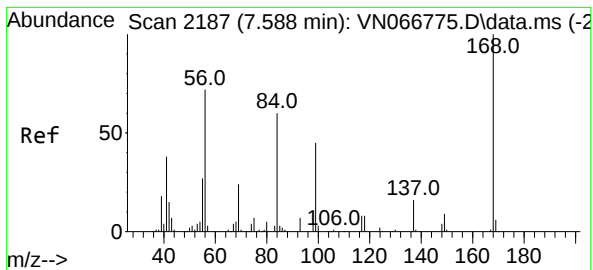
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

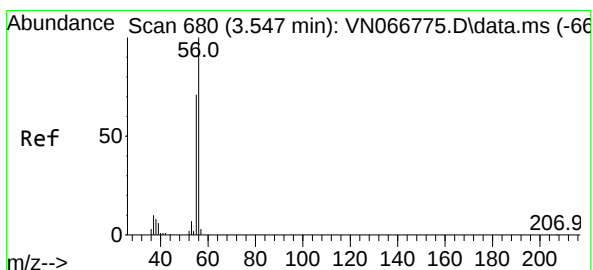
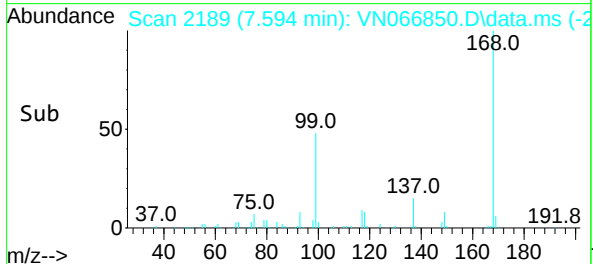
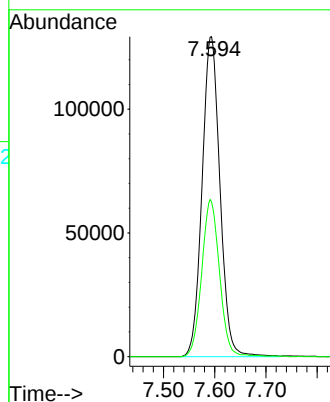
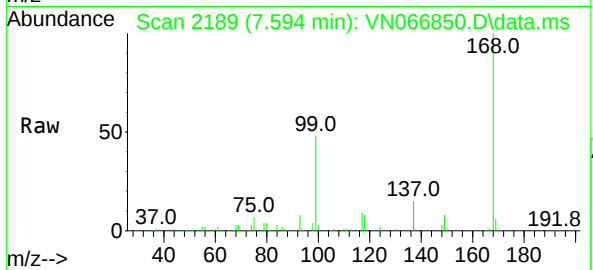




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

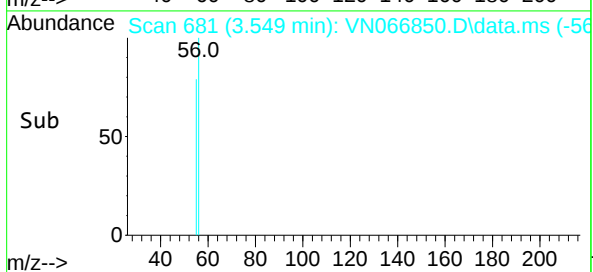
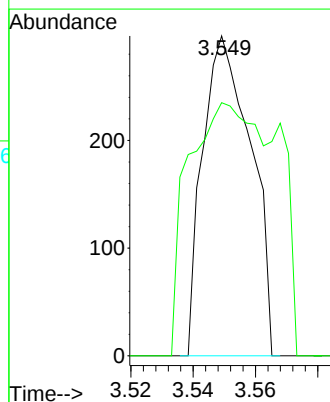
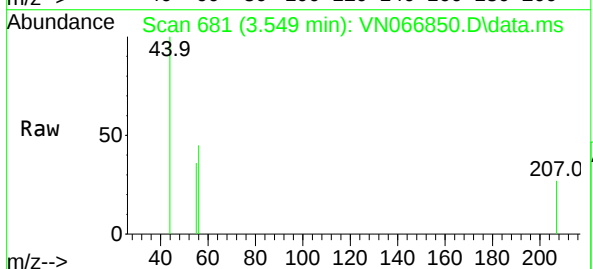
Instrument :
MSVOA_N
ClientSampled :

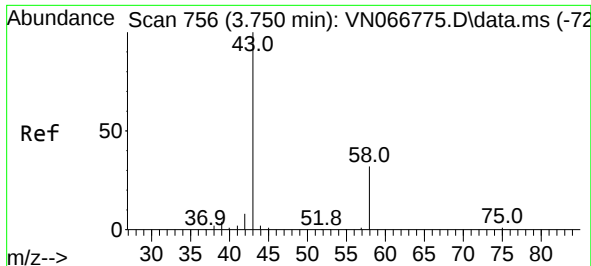
Tgt Ion:168 Resp: 313803
Ion Ratio Lower Upper
168 100
99 48.4 42.6 63.8



#13
Acrolein
Concen: 0.61 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Tgt Ion: 56 Resp: 318
Ion Ratio Lower Upper
56 100
55 145.9 56.0 84.0#

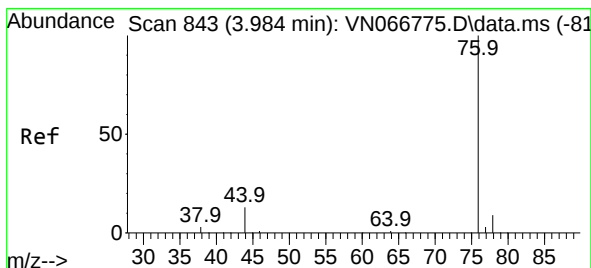
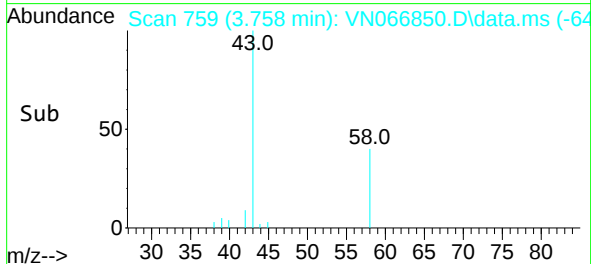
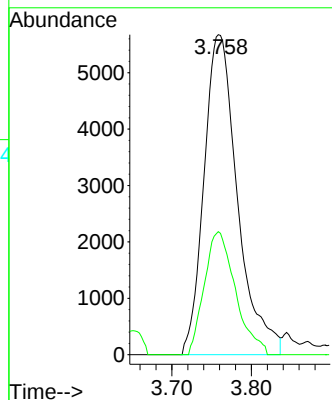
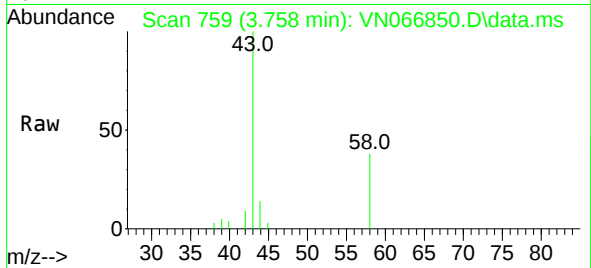




#16
Acetone
Concen: 10.93 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

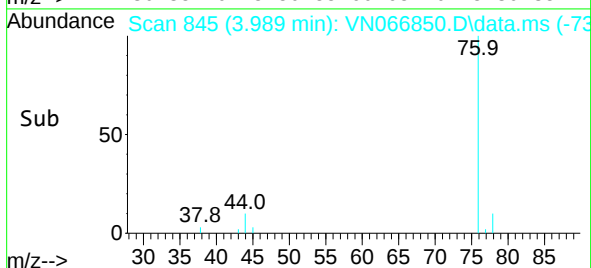
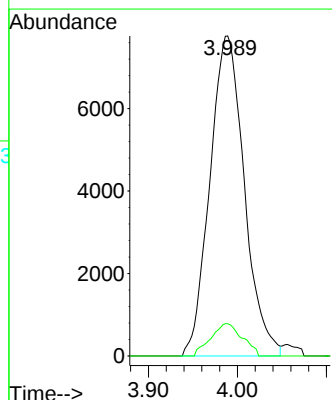
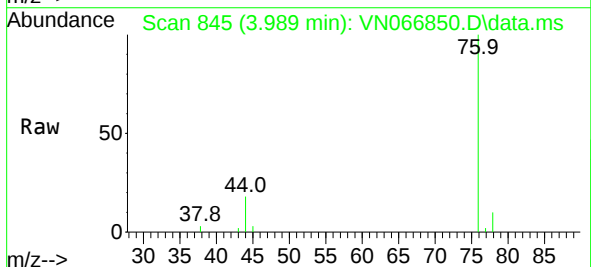
Instrument :
MSVOA_N
ClientSampled :

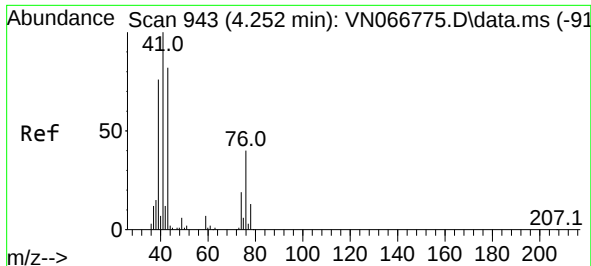
Tgt Ion: 43 Resp: 16623
Ion Ratio Lower Upper
43 100
58 38.4 27.0 40.6



#17
Carbon Disulfide
Concen: 2.17 ug/l
RT: 3.989 min Scan# 845
Delta R.T. 0.005 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

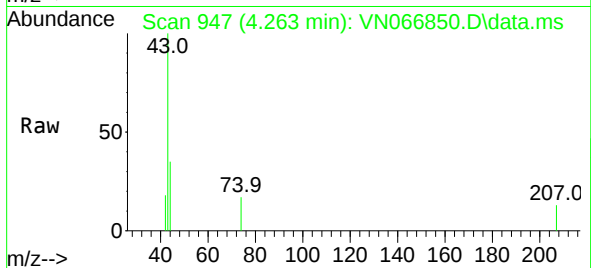
Tgt Ion: 76 Resp: 20876
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.6



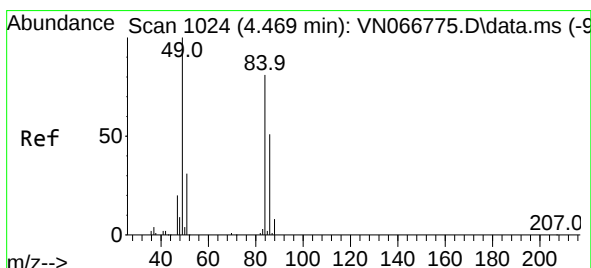
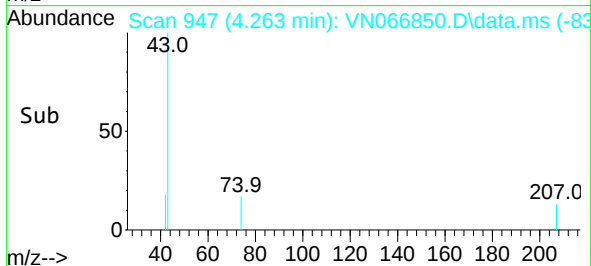
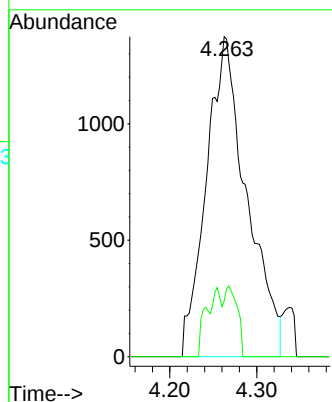


#18
Methyl Acetate
Concen: 2.17 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.011 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

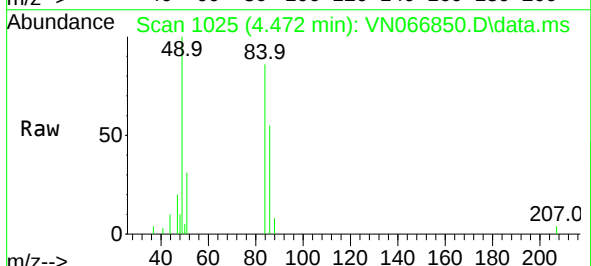
Instrument :
MSVOA_N
ClientSampled :



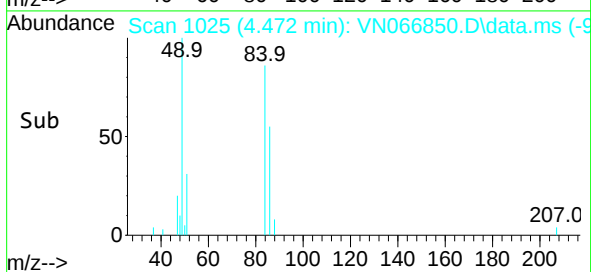
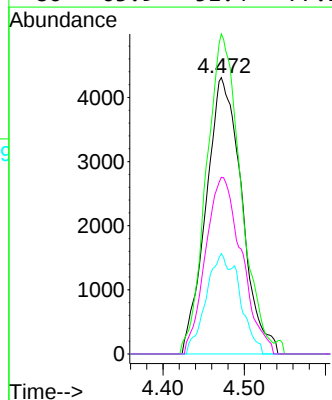
Tgt Ion: 43 Resp: 4443
Ion Ratio Lower Upper
43 100
74 7.1 19.5 29.3#

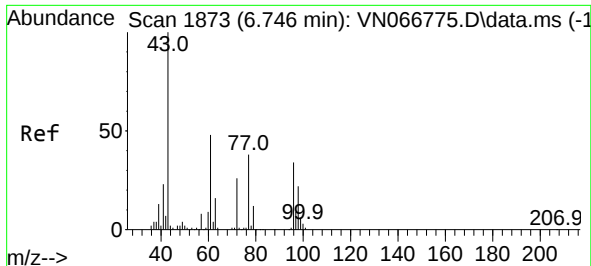


#20
Methylene Chloride
Concen: 3.41 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. 0.003 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17



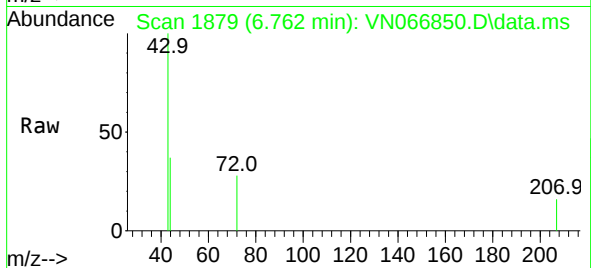
Tgt Ion: 84 Resp: 13134
Ion Ratio Lower Upper
84 100
49 115.8 94.6 141.8
51 36.3 29.9 44.9
86 63.9 51.4 77.2



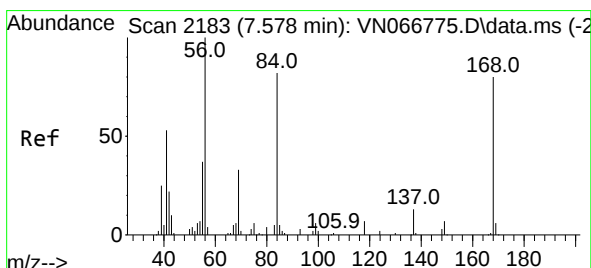
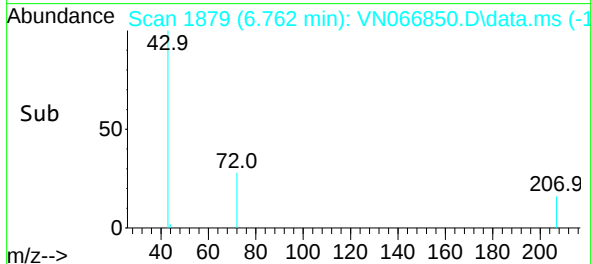
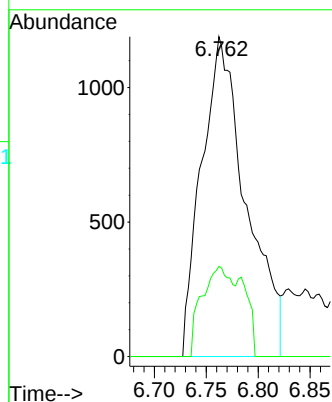


#25
2-Butanone
Concen: 1.66 ug/l
RT: 6.762 min Scan# 1879
Delta R.T. 0.016 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Instrument :
MSVOA_N
ClientSampled :

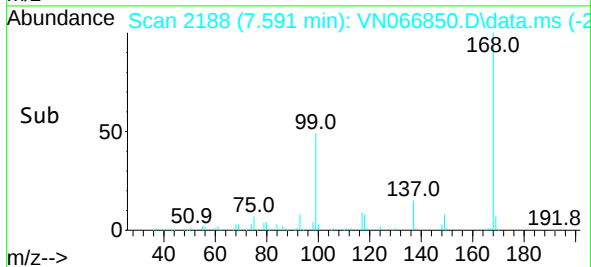
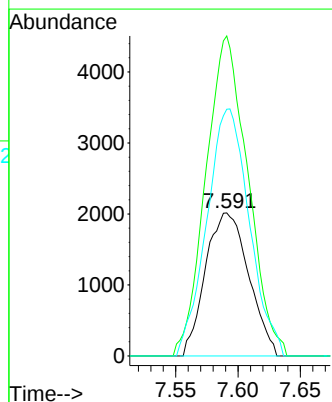
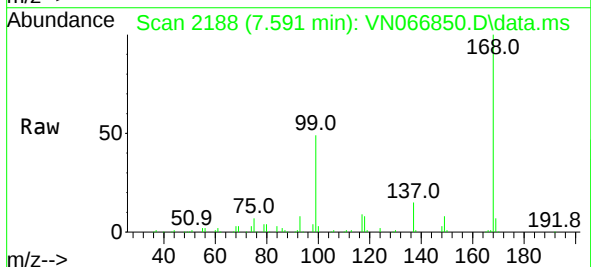


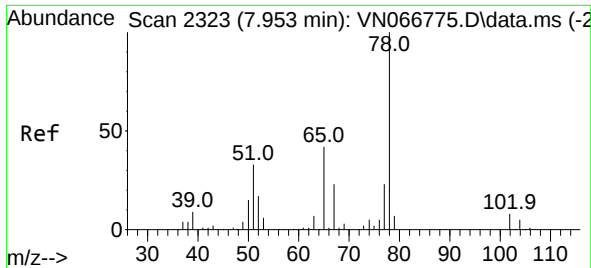
Tgt Ion: 43 Resp: 3549
Ion Ratio Lower Upper
43 100
72 28.2 23.1 34.7



#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Tgt Ion: 56 Resp: 4859
Ion Ratio Lower Upper
56 100
69 213.0 26.6 39.8#
84 164.6 70.4 105.6#

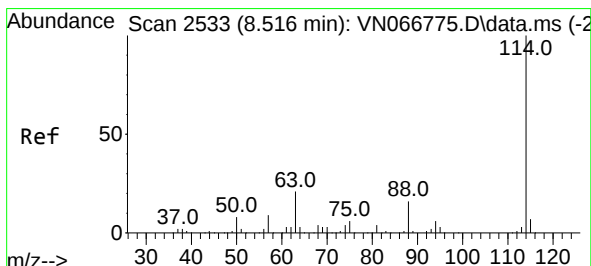
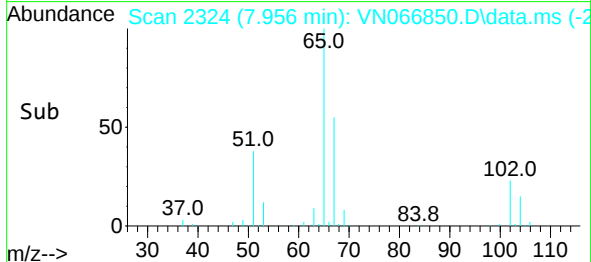
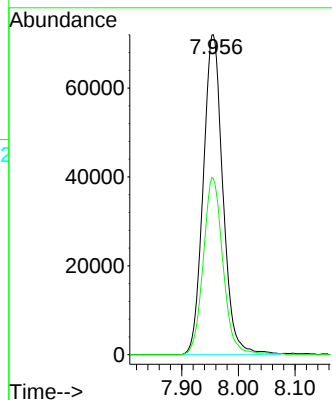
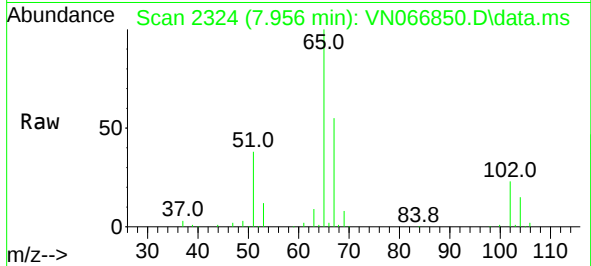




#33
 1,2-Dichloroethane-d4
 Concen: 43.08 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066850.D
 Acq: 29 Apr 2021 7:17

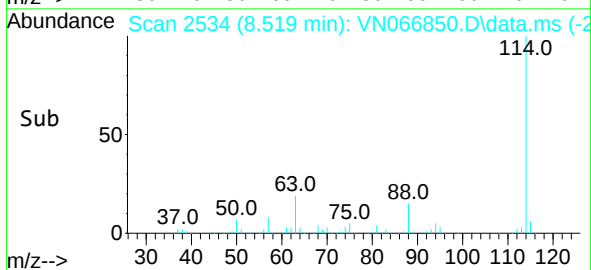
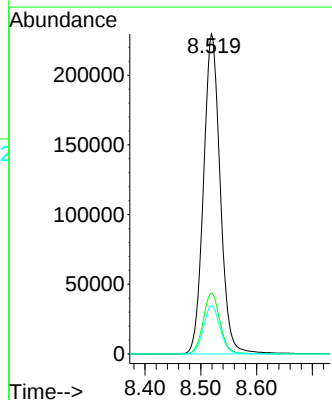
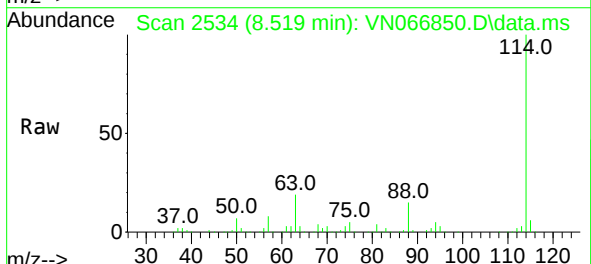
Instrument :
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 ClientSampled :

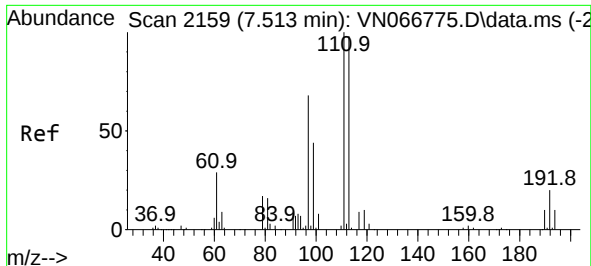
Tgt Ion: 65 Resp: 173691
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066850.D
 Acq: 29 Apr 2021 7:17

Tgt Ion: 114 Resp: 478038
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.6

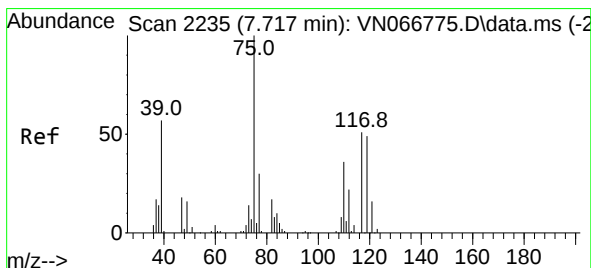
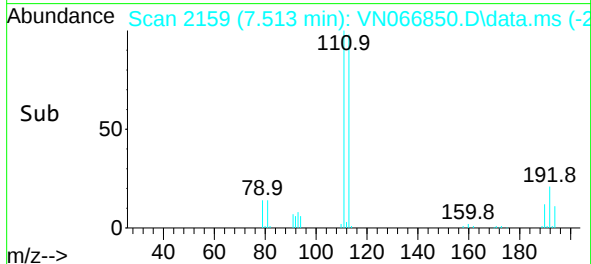
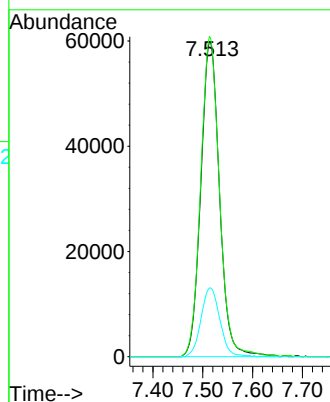
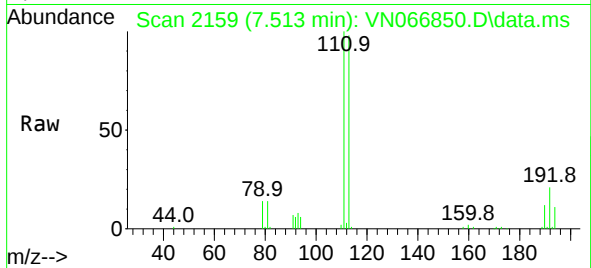




#35
Dibromofluoromethane
Concen: 52.98 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

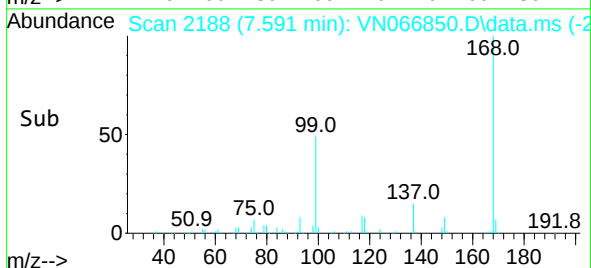
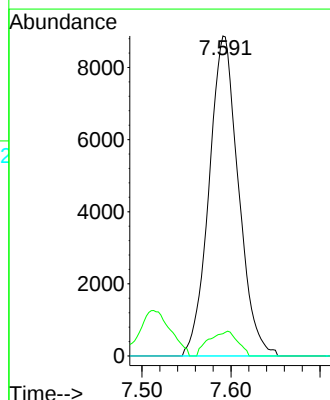
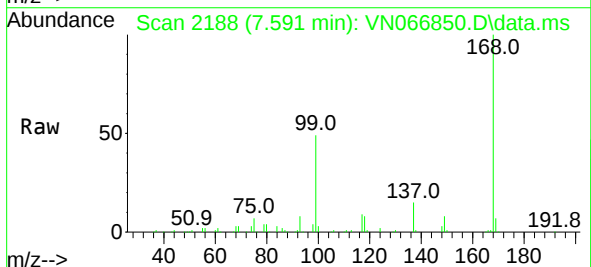
Instrument :
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ClientSampleId :

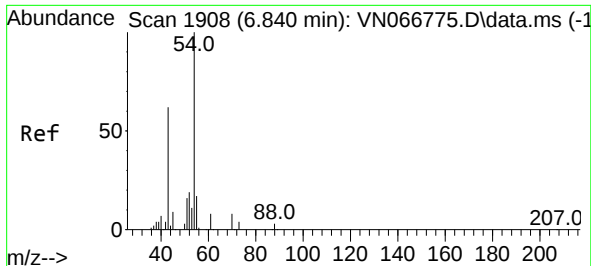
Tgt Ion:113 Resp: 156338
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 22.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

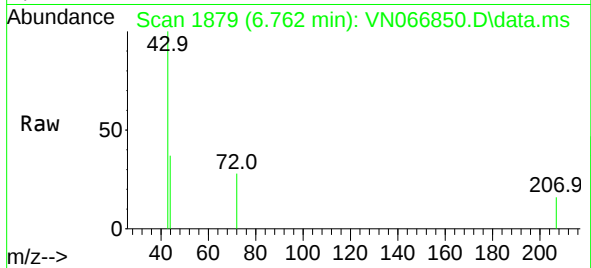
Tgt Ion: 75 Resp: 20356
Ion Ratio Lower Upper
75 100
110 7.5 18.2 54.6#
77 0.0 24.9 37.3#



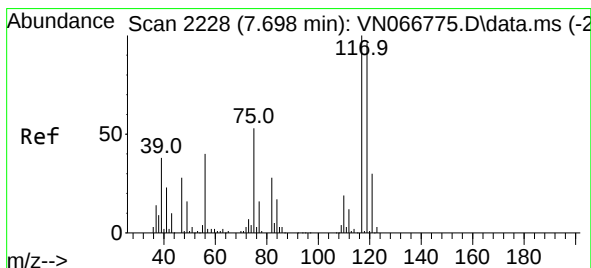
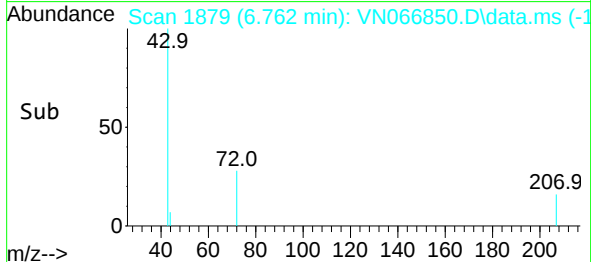
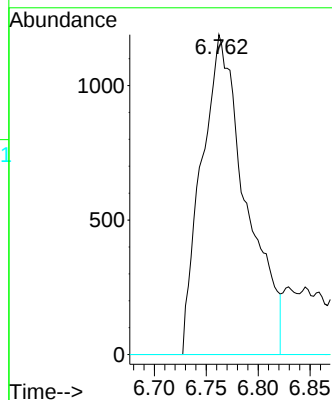


#37
Ethyl Acetate
Concen: 0.75 ug/l
RT: 6.762 min Scan# 1879
Delta R.T. -0.078 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Instrument :
MSVOA_N
ClientSampleId :

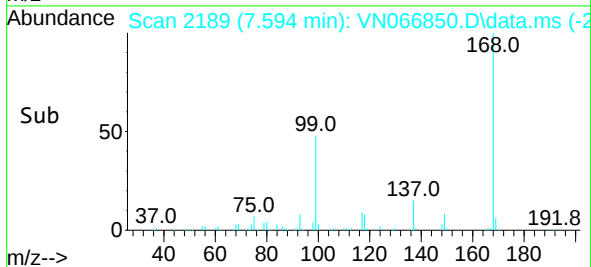
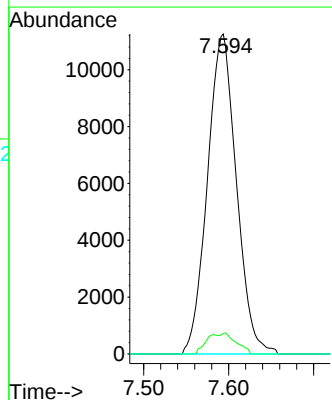
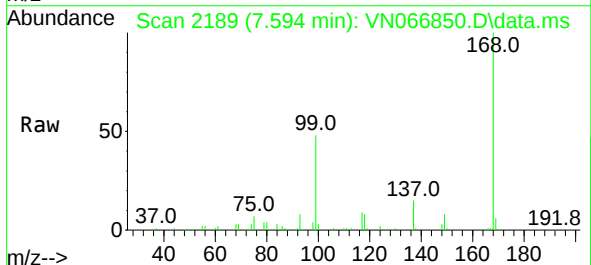


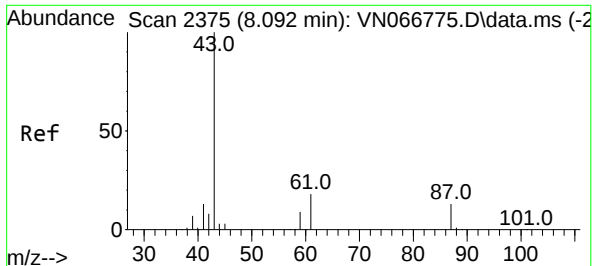
Tgt Ion: 43 Resp: 3549
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Tgt Ion: 117 Resp: 26667
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.5 36.7#

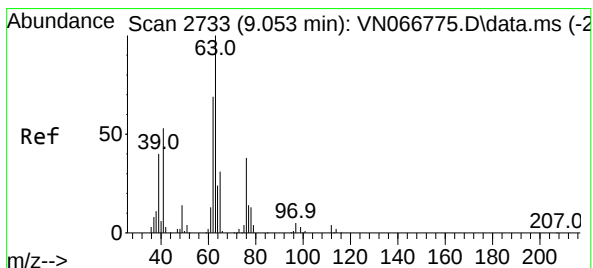
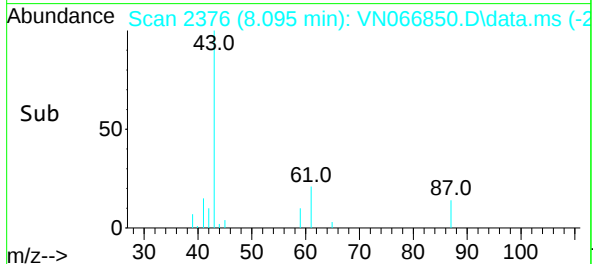
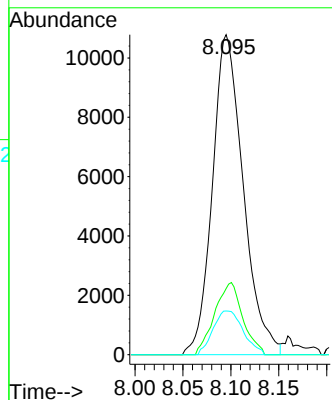
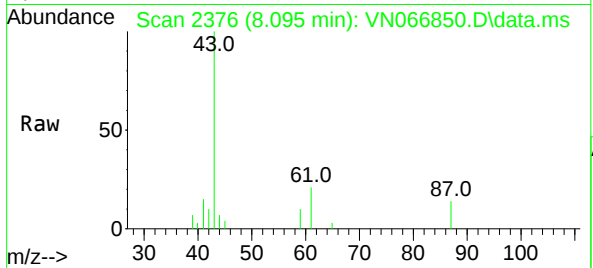




#43
Isopropyl Acetate
Concen: 3.22 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.003 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

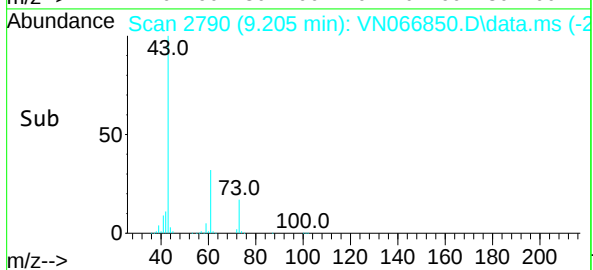
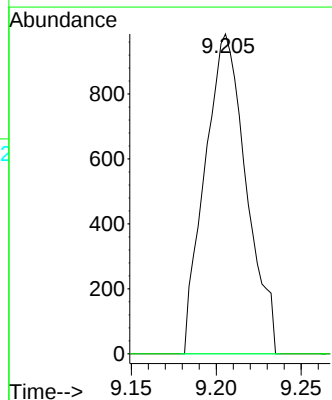
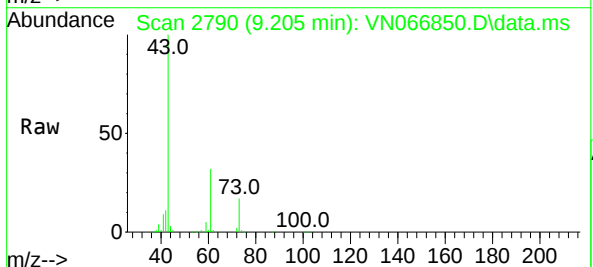
Instrument :
MSVOA_N
ClientSampled :

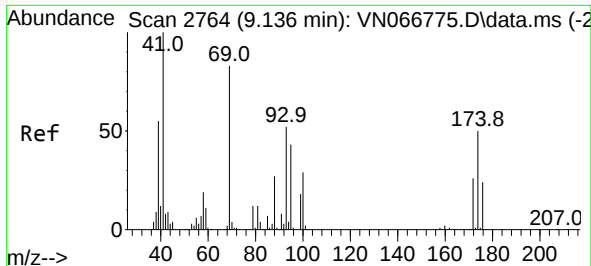
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	22.5	33.7#
87	13.3	11.1	16.7



#45
1,2-Dichloropropane
Concen: 0.45 ug/l
RT: 9.205 min Scan# 2790
Delta R.T. 0.152 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

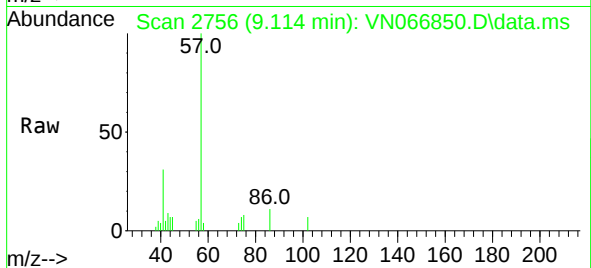
Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#



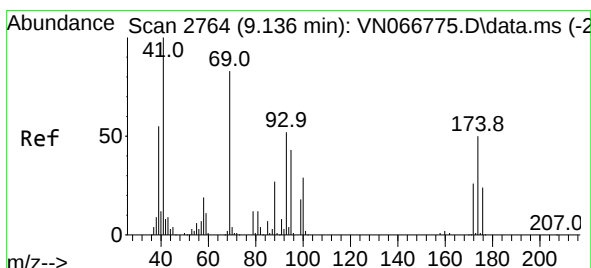
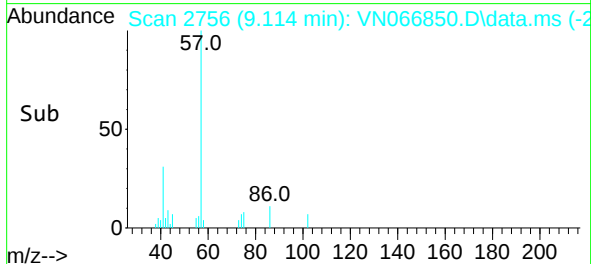
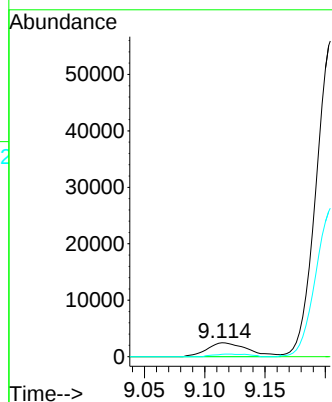


#48
Methyl methacrylate
Concen: 1.78 ug/l
RT: 9.114 min Scan# 2756
Delta R.T. -0.022 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Instrument :
MSVOA_N
ClientSampled :

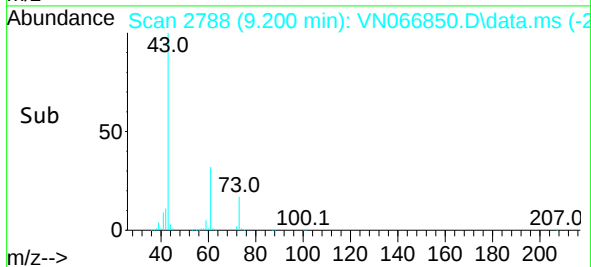
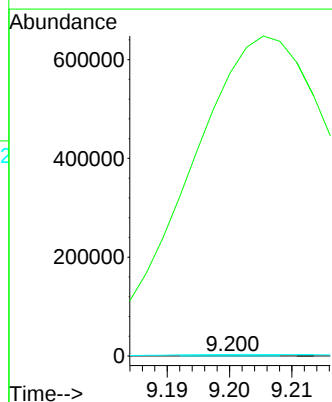
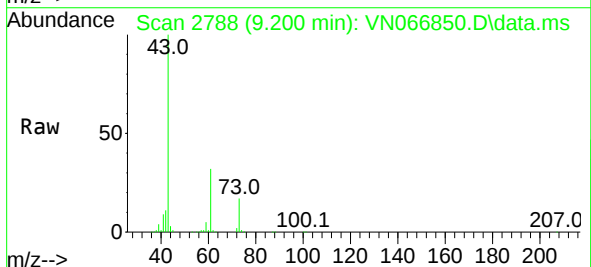


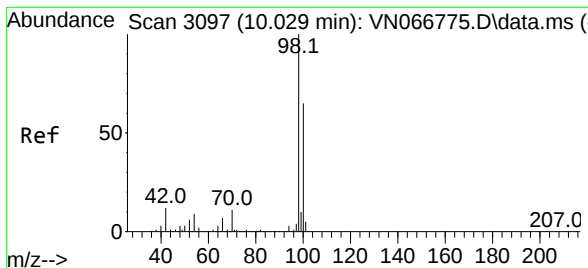
Tgt Ion: 41 Resp: 5813
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#49
1,4-Dioxane
Concen: 1.59 ug/l
RT: 9.200 min Scan# 2788
Delta R.T. 0.064 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 1575283.3 24.7 37.1#
58 8305.1 52.6 78.8#

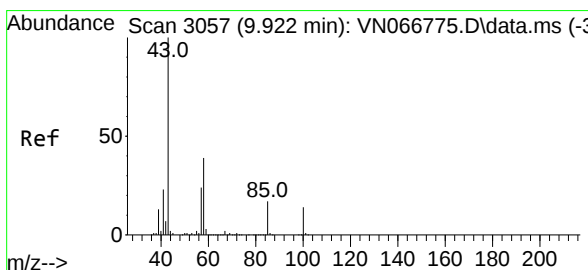
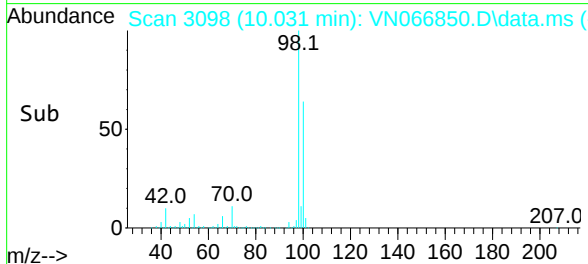
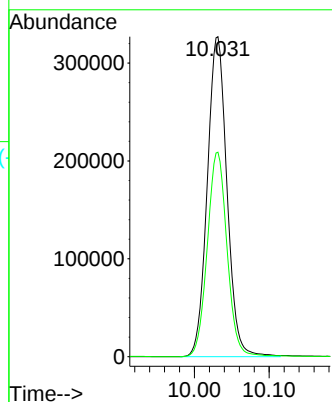
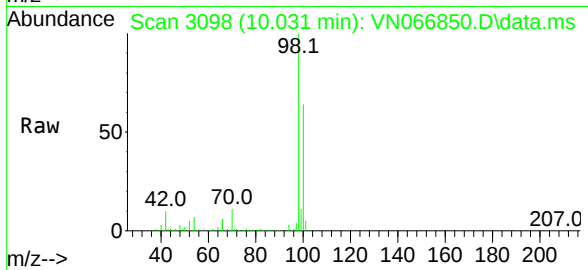




#50
Toluene-d8
Concen: 51.66 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.002 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

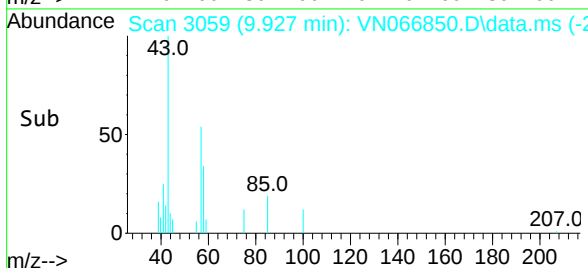
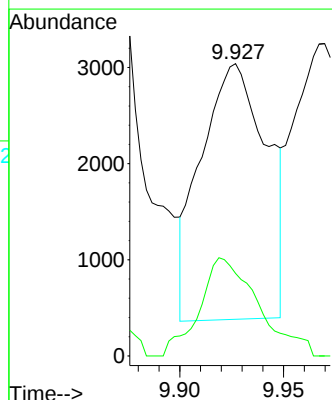
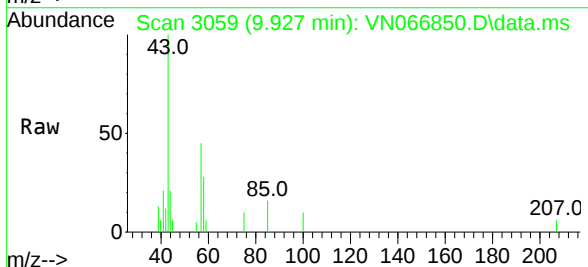
Instrument :
MSVOA_N
ClientSampled :

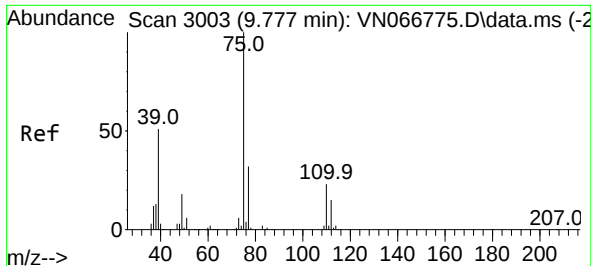
Tgt Ion: 98 Resp: 598333
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 9.927 min Scan# 3059
Delta R.T. 0.005 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

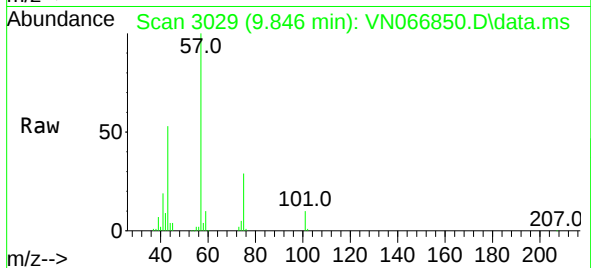
Tgt Ion: 43 Resp: 5836
Ion Ratio Lower Upper
43 100
58 34.5 32.5 48.7



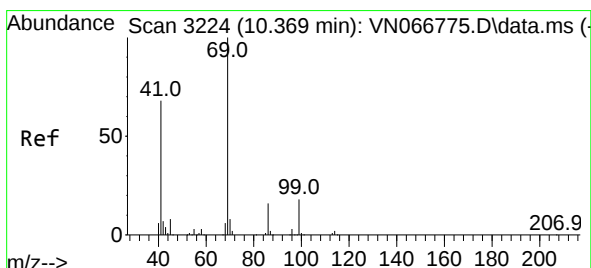
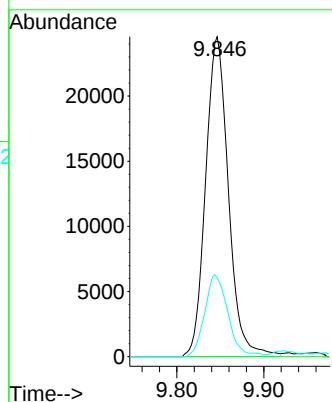
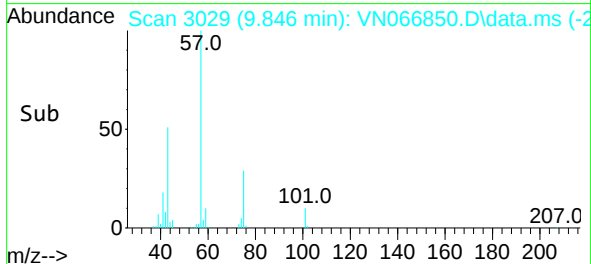


#54
 cis-1,3-Dichloropropene
 Concen: 7.91 ug/l
 RT: 9.846 min Scan# 3029
 Delta R.T. 0.069 min
 Lab File: VN066850.D
 Acq: 29 Apr 2021 7:17

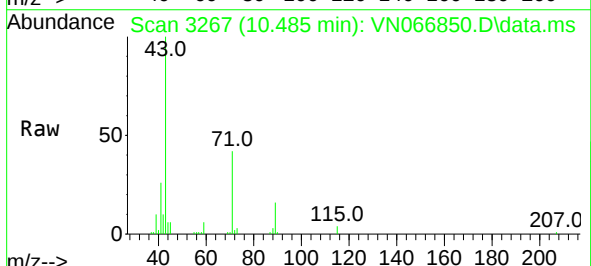
Instrument :
 MSVOA_N
 ClientSampleId :



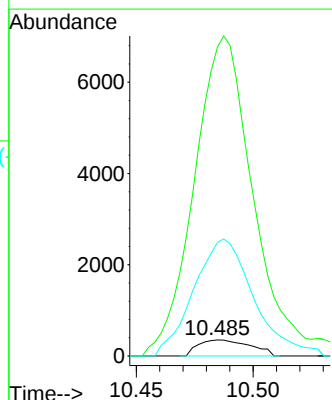
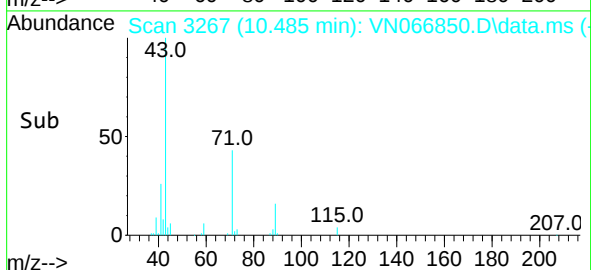
Tgt Ion: 75 Resp: 44697
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 24.7 36.2 54.4#

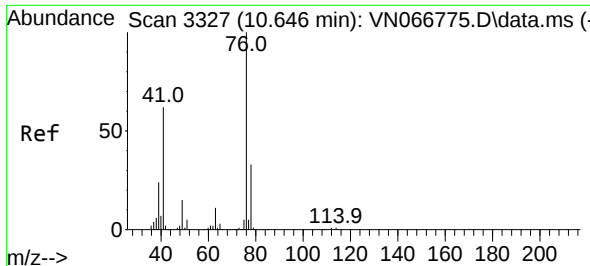


#56
 Ethyl methacrylate
 Concen: 3.27 ug/l
 RT: 10.485 min Scan# 3267
 Delta R.T. 0.116 min
 Lab File: VN066850.D
 Acq: 29 Apr 2021 7:17



Tgt Ion: 69 Resp: 546
 Ion Ratio Lower Upper
 69 100
 41 2273.6 49.6 74.4#
 39 841.2 28.0 42.0#

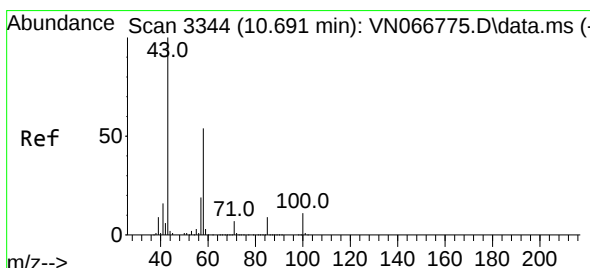
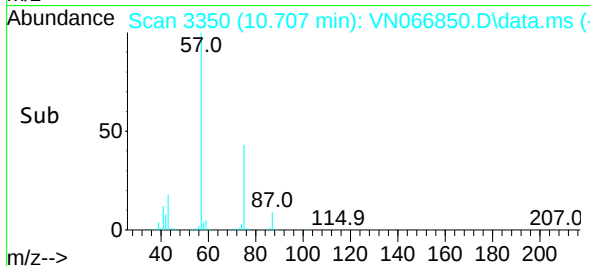
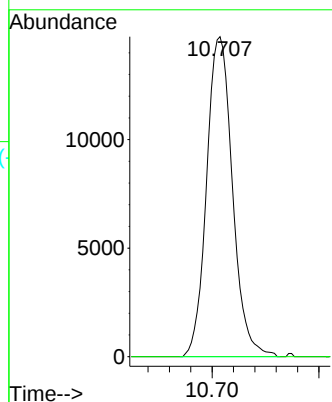
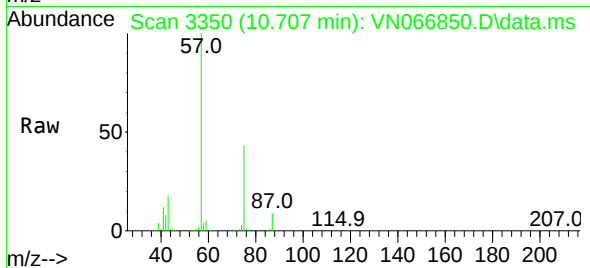




#57
1,3-Dichloropropane
Concen: 4.55 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

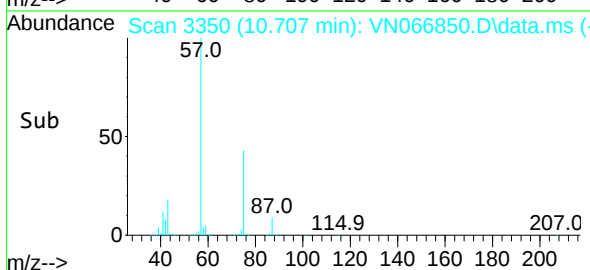
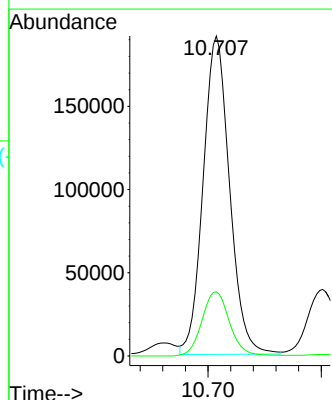
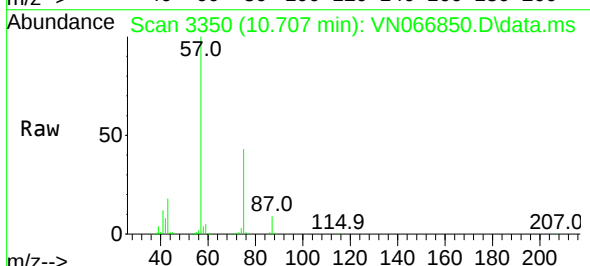
Instrument :
MSVOA_N
ClientSampled :

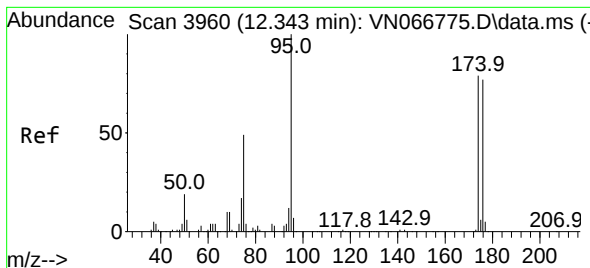
Tgt Ion: 76 Resp: 24793
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 108.46 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.016 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Tgt Ion: 43 Resp: 309253
Ion Ratio Lower Upper
43 100
58 21.2 28.1 84.3#

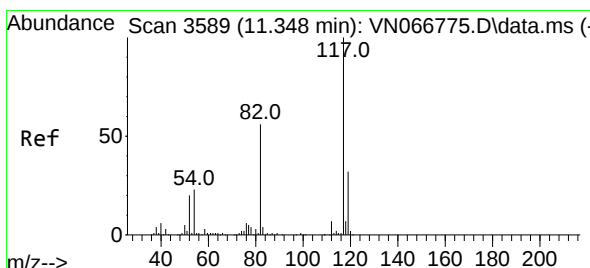
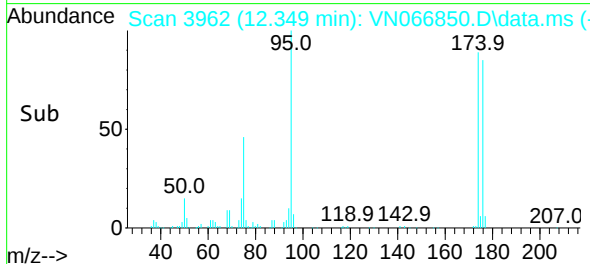
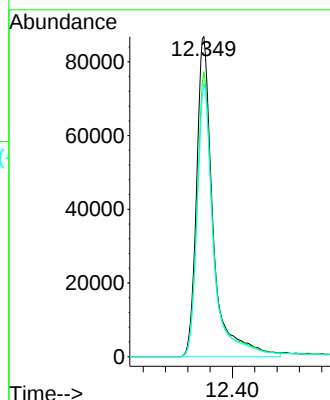
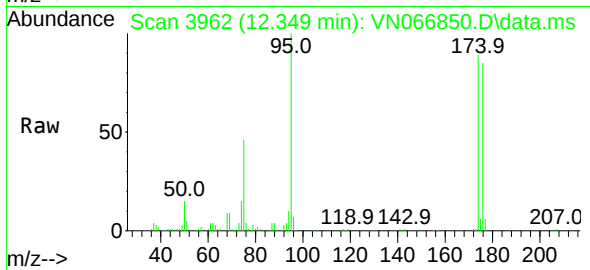




#62
4-Bromofluorobenzene
Concen: 45.52 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

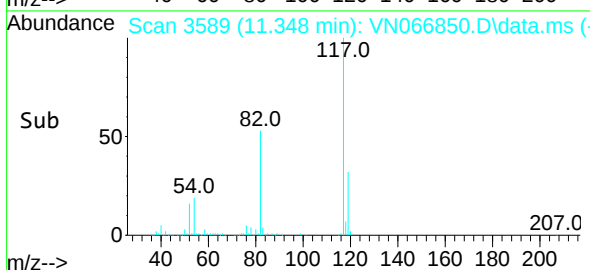
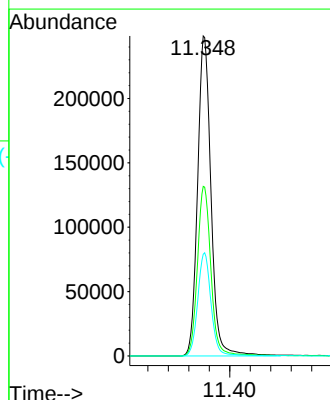
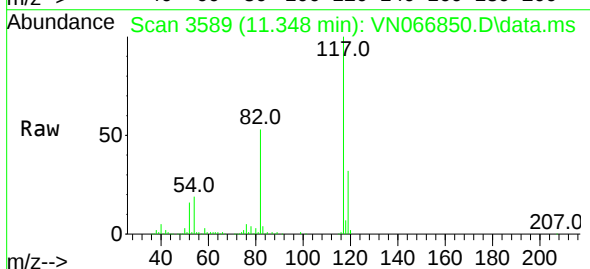
Instrument :
MSVOA_N
ClientSampleId :

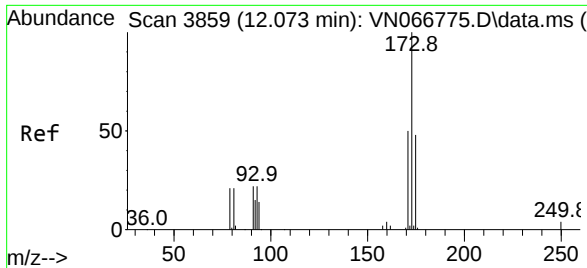
Tgt Ion: 95 Resp: 178404
Ion Ratio Lower Upper
95 100
174 88.6 0.0 169.0
176 85.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Tgt Ion: 117 Resp: 450908
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 31.8 26.1 39.1

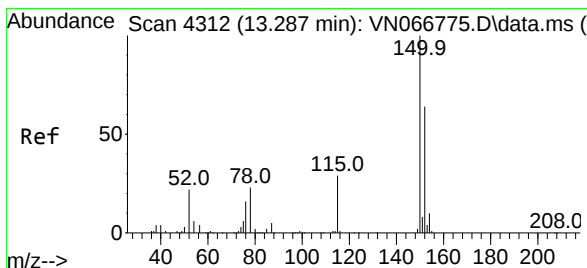
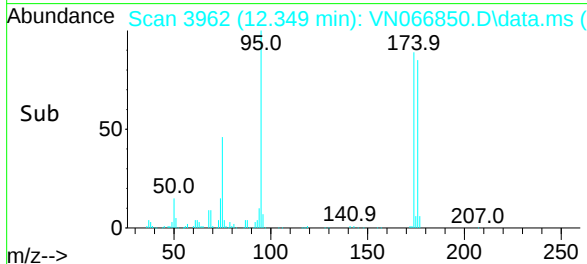
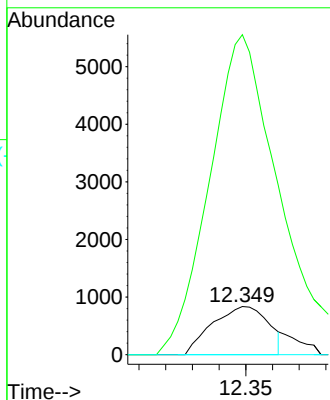
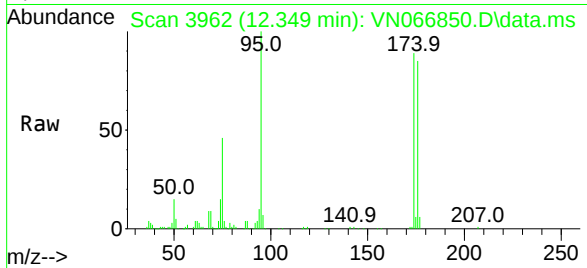




#71
Bromoform
Concen: 0.50 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

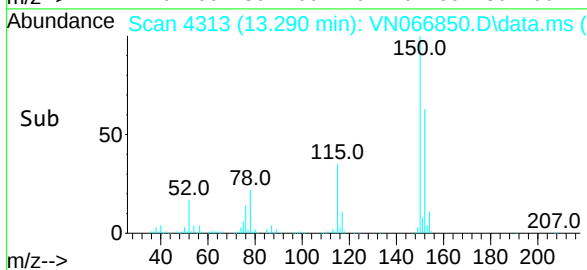
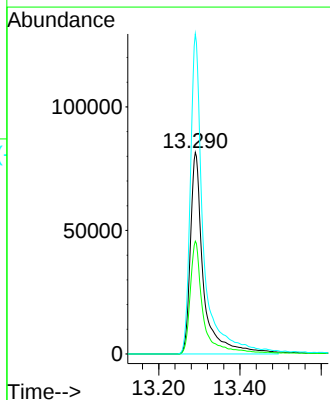
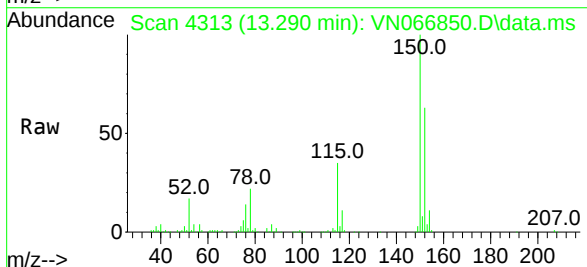
Instrument :
MSVOA_N
ClientSampleId :

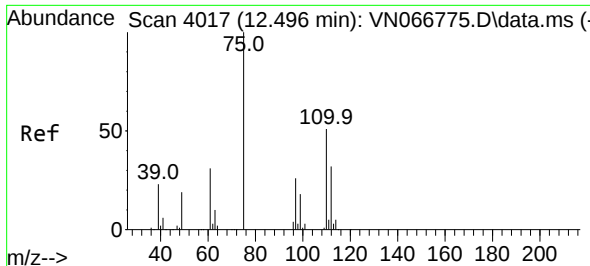
Tgt Ion:173 Resp: 1222
Ion Ratio Lower Upper
173 100
175 685.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Tgt Ion:152 Resp: 184523
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.6
150 155.2 0.0 347.6

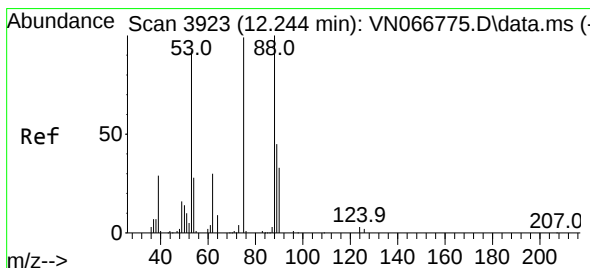
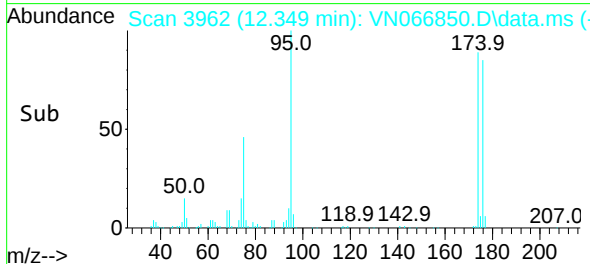
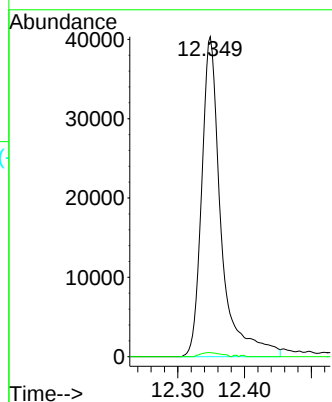
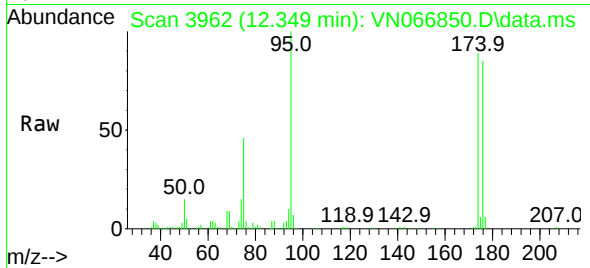




#76
1,2,3-Trichloropropane
Concen: 20.92 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81364
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.25 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066850.D
Acq: 29 Apr 2021 7:17

Tgt Ion: 75 Resp: 81364
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.3 35.8 53.8#

