

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066840.D
 Acq On : 29 Apr 2021 3:18
 Operator : JC/MD
 Sample : M2137-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:34:51 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)

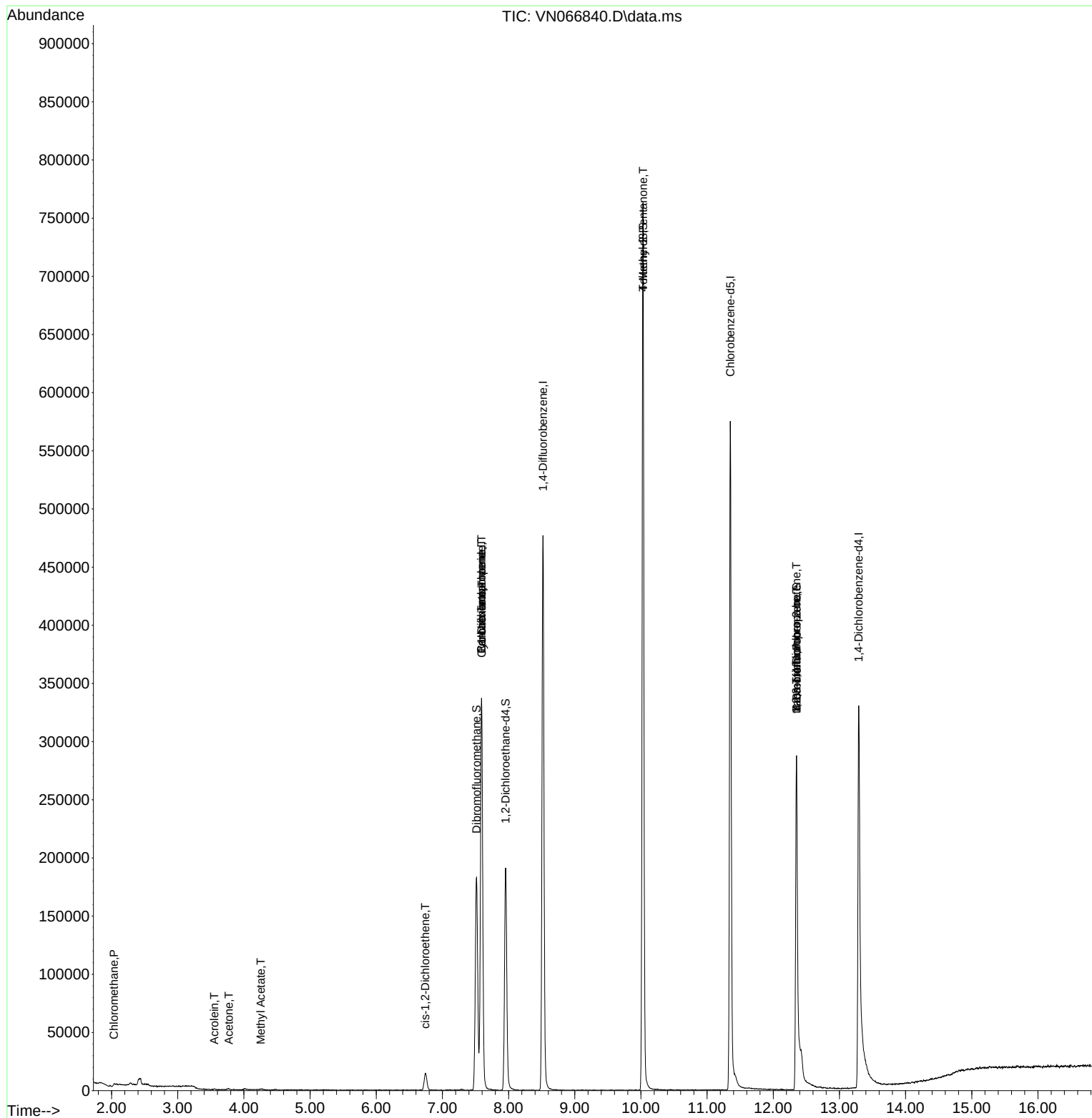
Internal Standards						
1) Pentafluorobenzene	7.591	168	303094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	460765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	392803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	155257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	165372	42.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.94%		
35) Dibromofluoromethane	7.516	113	148839	52.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.66%		
50) Toluene-d8	10.031	98	547404	49.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.06%		
62) 4-Bromofluorobenzene	12.351	95	149634	39.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	79.22%		
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1006	0.23	ug/l #	87
13) Acrolein	3.552	56	517	1.03	ug/l #	45
16) Acetone	3.772	43	1912	1.30	ug/l #	41
18) Methyl Acetate	4.255	43	947	1.35	ug/l #	72
27) cis-1,2-Dichloroethene	6.741	96	11059	2.93	ug/l	90
31) Cyclohexane	7.594	56	4833	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19424	4.54	ug/l #	49
38) Carbon Tetrachloride	7.591	117	25356	6.18	ug/l #	18
51) 4-Methyl-2-Pentanone	10.031	43	2033	0.52	ug/l #	1
71) Bromoform	12.351	173	712	0.33	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	60900	18.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	60900	51.72	ug/l #	12

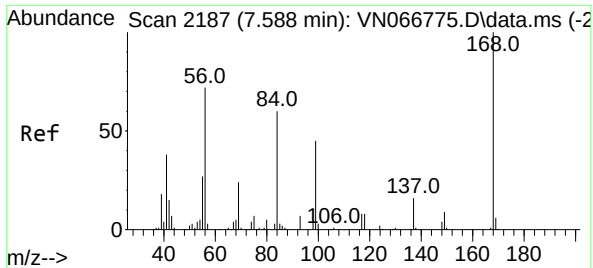
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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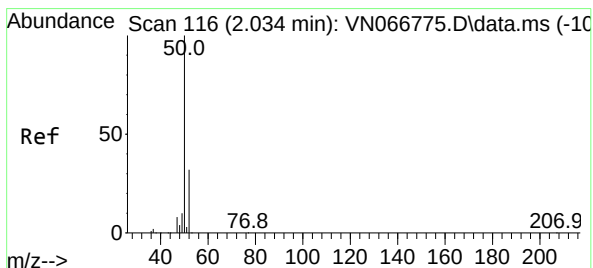
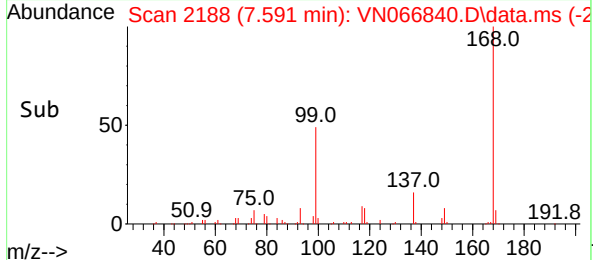
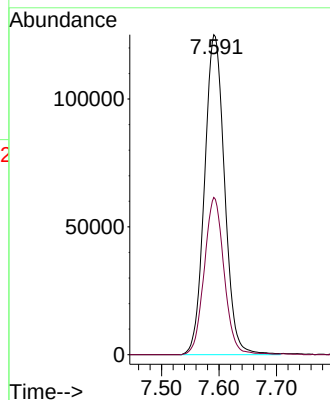
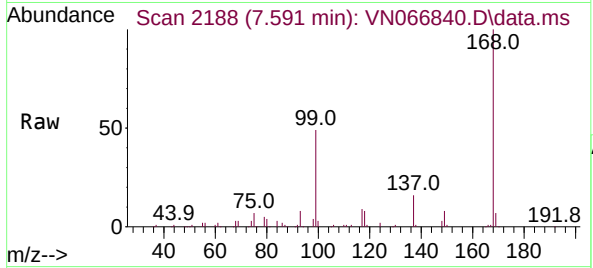




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

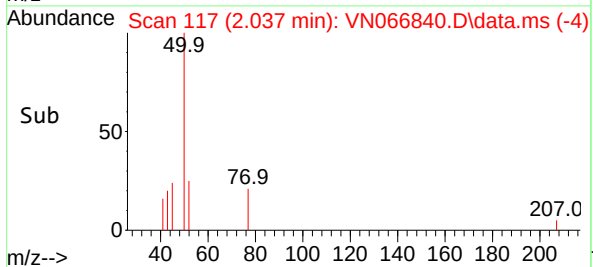
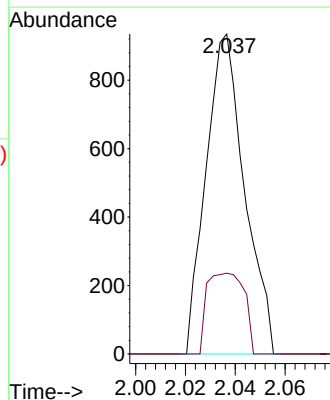
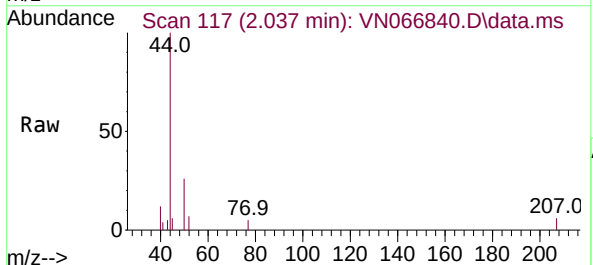
Instrument :
MSVOA_N
ClientSampled :

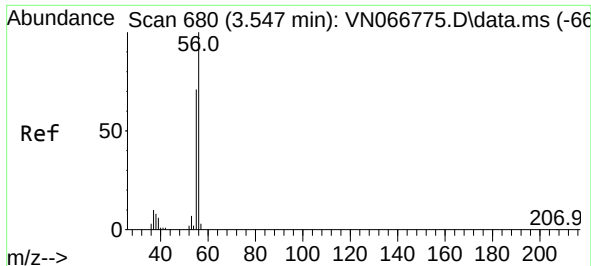
Tgt Ion:168 Resp: 303094
Ion Ratio Lower Upper
168 100
99 49.2 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Tgt Ion: 50 Resp: 1006
Ion Ratio Lower Upper
50 100
52 25.2 25.8 38.8#

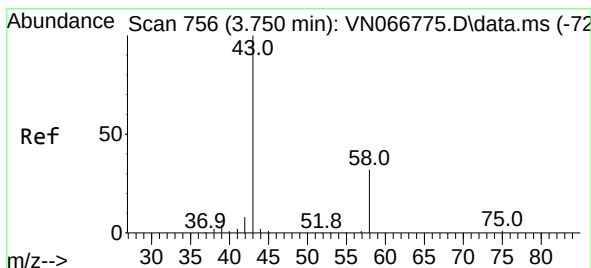
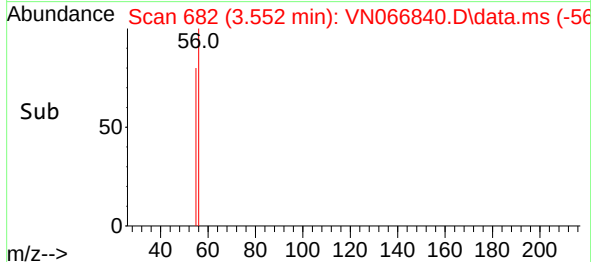
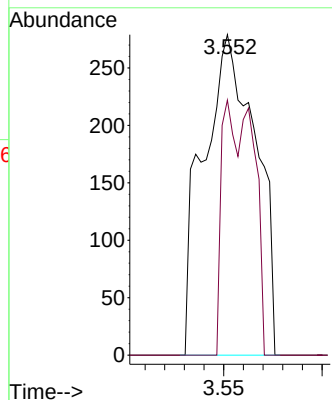
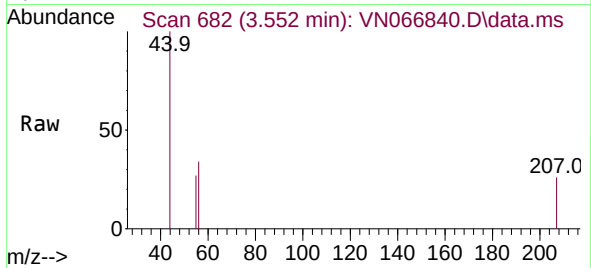




#13
Acrolein
Concen: 1.03 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

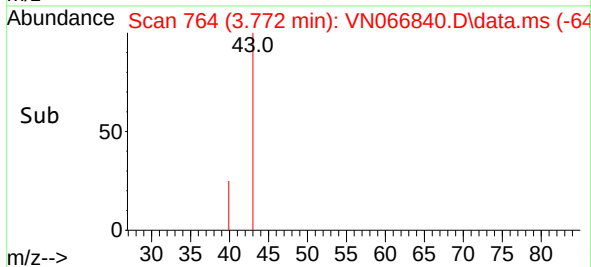
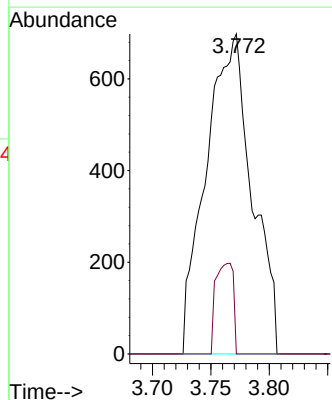
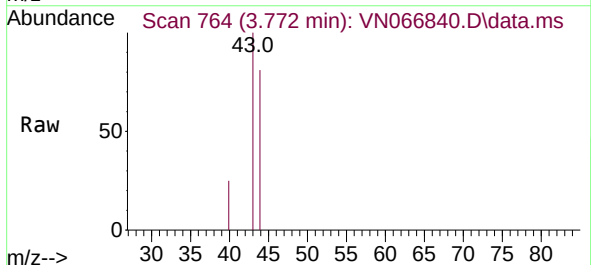
Instrument :
MSVOA_N
ClientSampled :

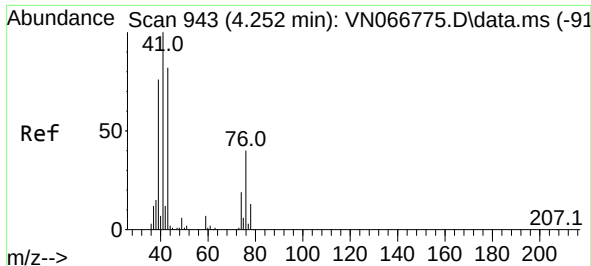
Tgt Ion: 56 Resp: 517
Ion Ratio Lower Upper
56 100
55 24.6 56.0 84.0#



#16
Acetone
Concen: 1.30 ug/l
RT: 3.772 min Scan# 764
Delta R.T. 0.022 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

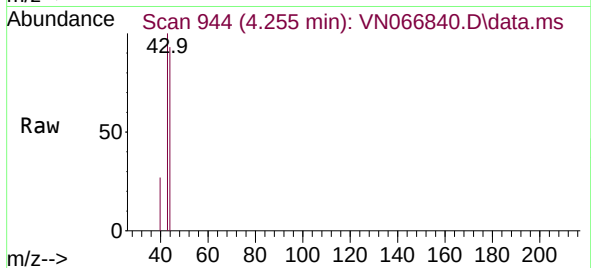
Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



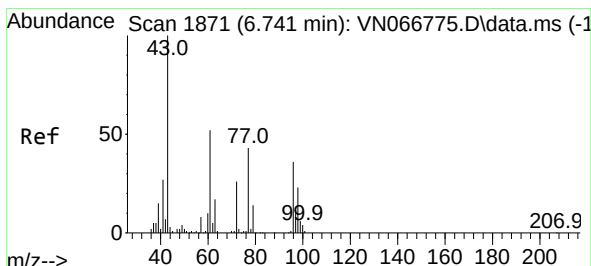
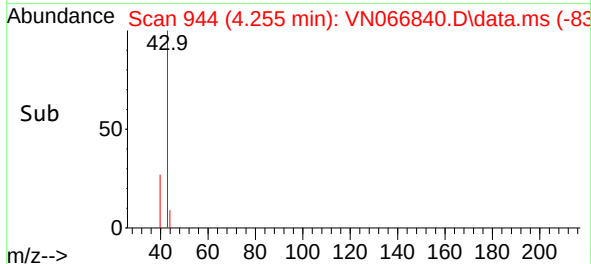
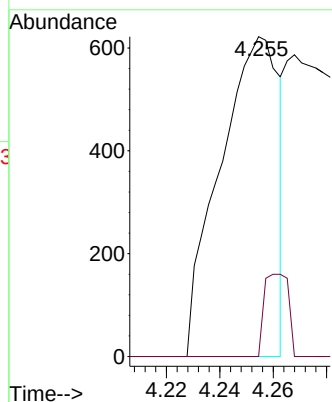


#18
Methyl Acetate
Concen: 1.35 ug/l
RT: 4.255 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Instrument :
MSVOA_N
ClientSampled :

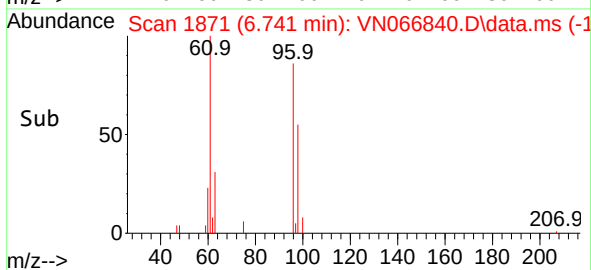
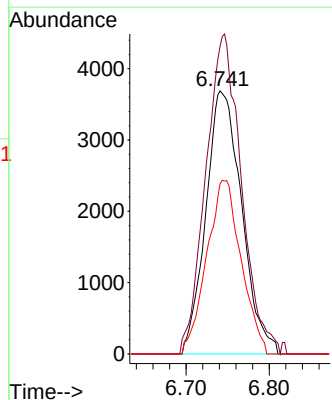
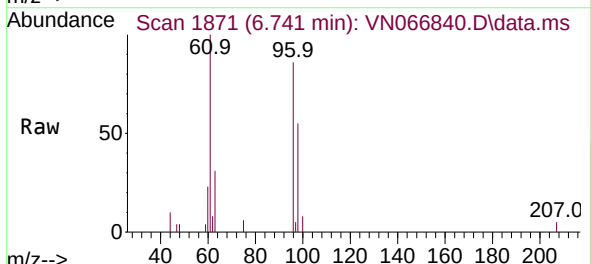


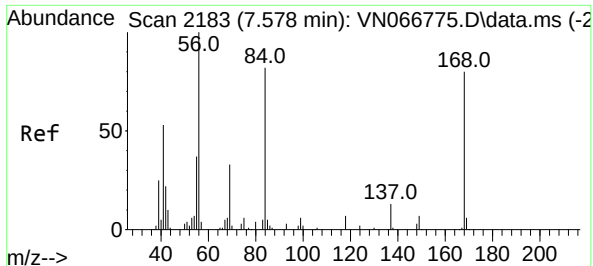
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
74 10.6 19.5 29.3#



#27
cis-1,2-Dichloroethene
Concen: 2.93 ug/l
RT: 6.741 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Tgt Ion: 96 Resp: 11059
Ion Ratio Lower Upper
96 100
61 120.8 0.0 276.8
98 63.5 0.0 129.4

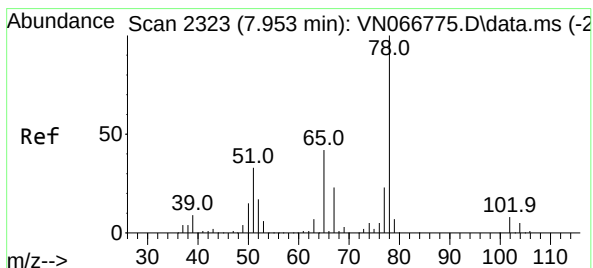
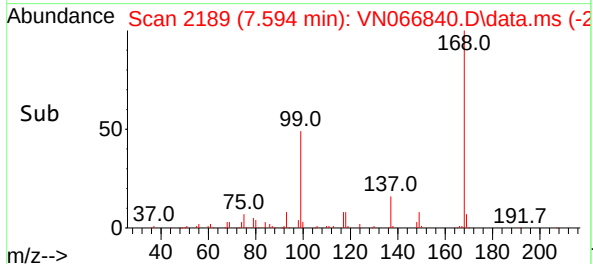
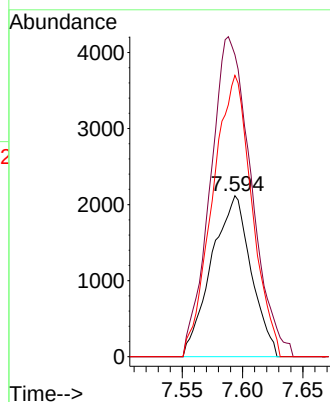
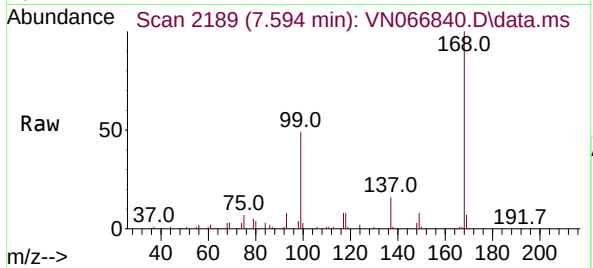




#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

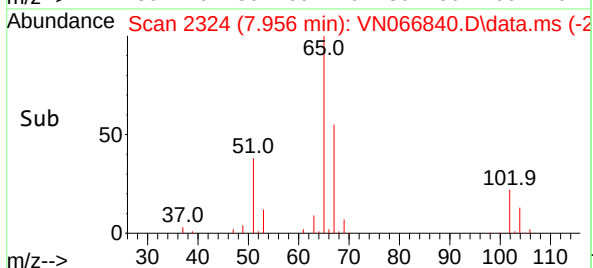
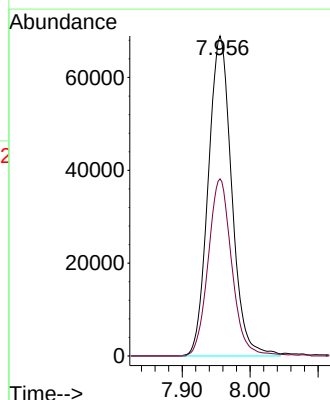
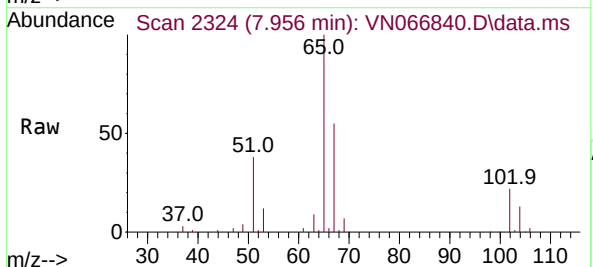
Instrument :
MSVOA_N
ClientSampled :

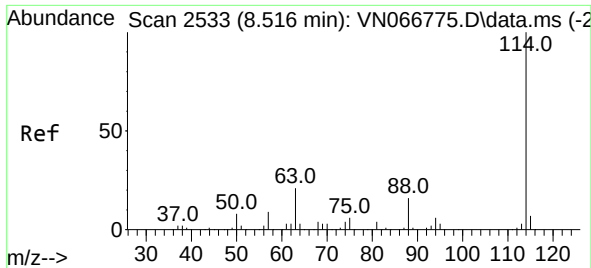
Tgt Ion: 56 Resp: 4833
Ion Ratio Lower Upper
56 100
69 187.6 26.6 39.8#
84 174.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.47 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Tgt Ion: 65 Resp: 165372
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2

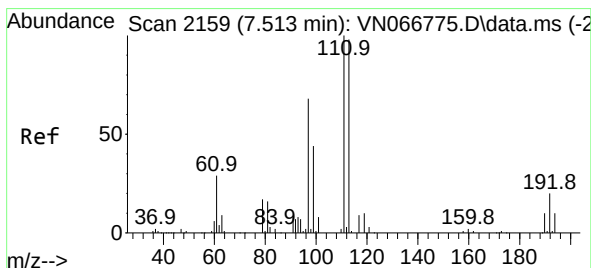
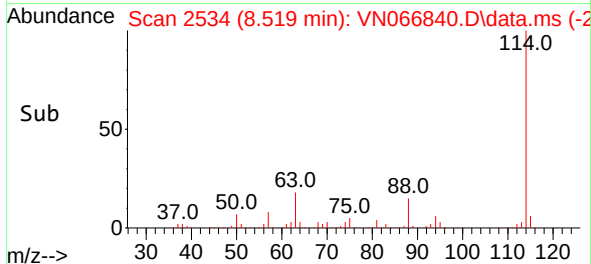
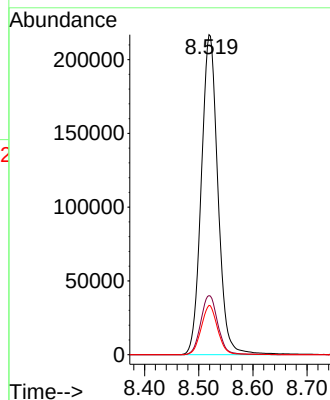
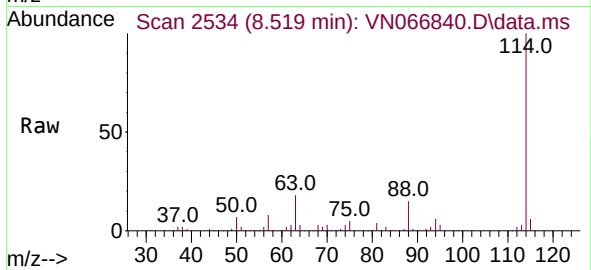




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

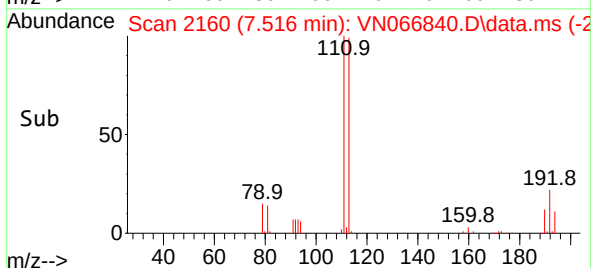
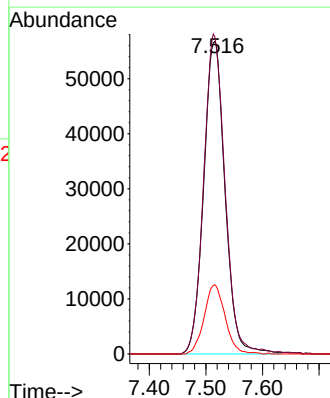
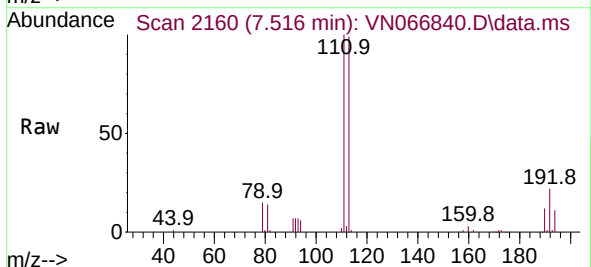
Instrument :
MSVOA_N
ClientSampled :

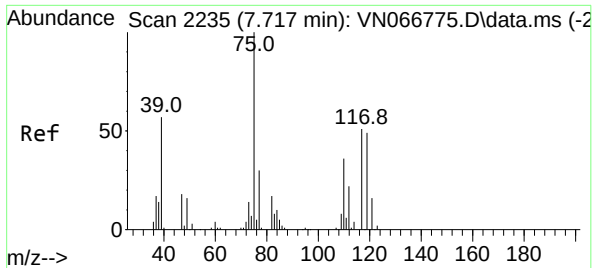
Tgt Ion:114 Resp: 460765
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.6
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.33 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Tgt Ion:113 Resp: 148839
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.6 15.4 23.0

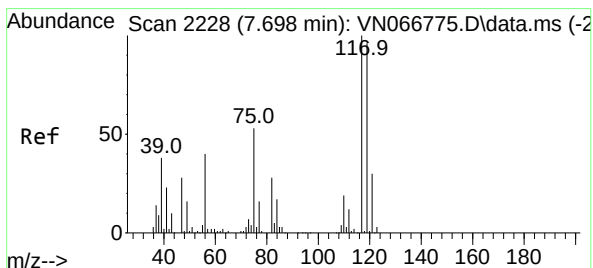
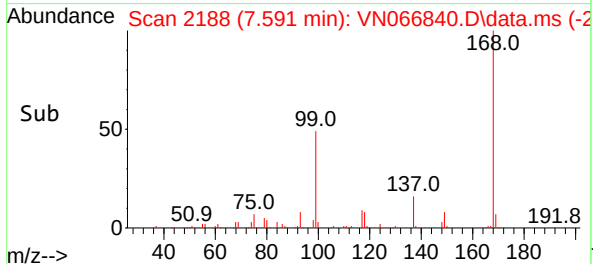
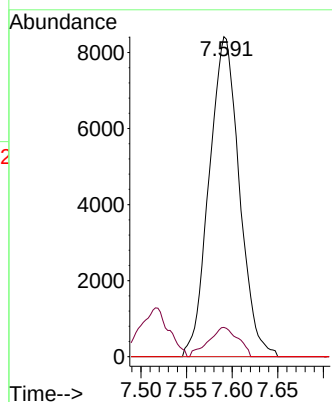
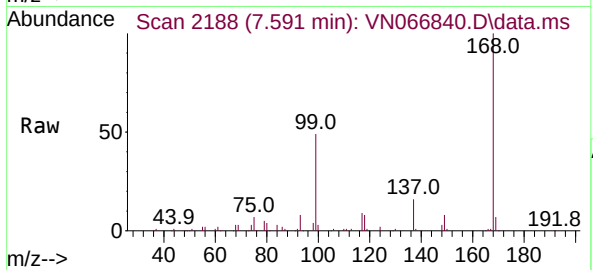




#36
 1,1-Dichloropropene
 Concen: 4.54 ug/l
 RT: 7.591 min Scan# 2188
 Delta R.T. -0.126 min
 Lab File: VN066840.D
 Acq: 29 Apr 2021 3:18

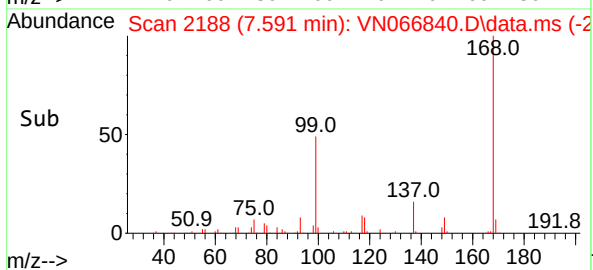
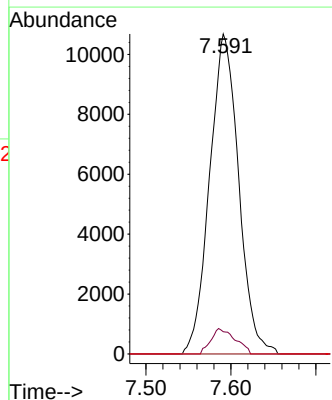
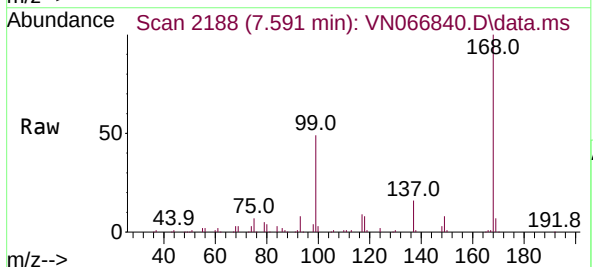
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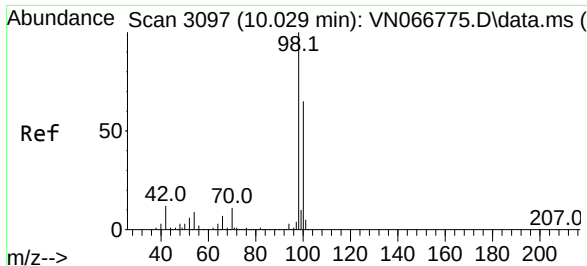
Tgt Ion: 75 Resp: 19424
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.2 54.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.18 ug/l
 RT: 7.591 min Scan# 2188
 Delta R.T. -0.107 min
 Lab File: VN066840.D
 Acq: 29 Apr 2021 3:18

Tgt Ion: 117 Resp: 25356
 Ion Ratio Lower Upper
 117 100
 119 6.9 76.0 114.0#
 121 0.0 24.5 36.7#

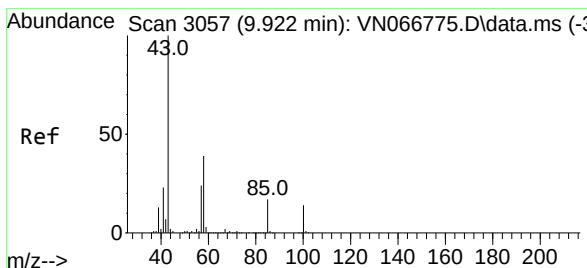
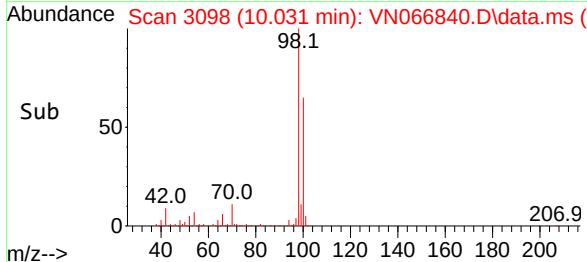
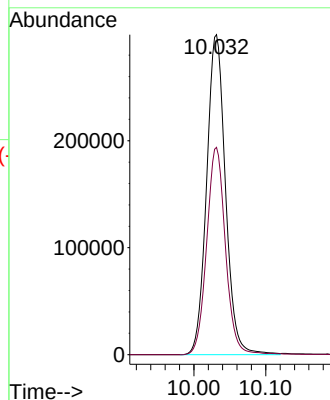
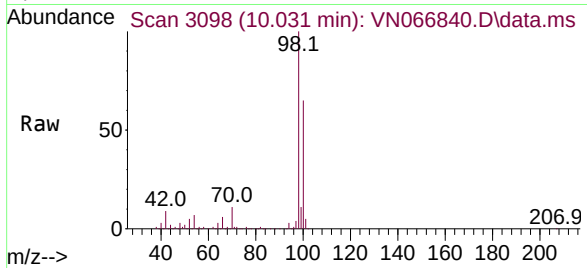




#50
Toluene-d8
Concen: 49.03 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.002 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

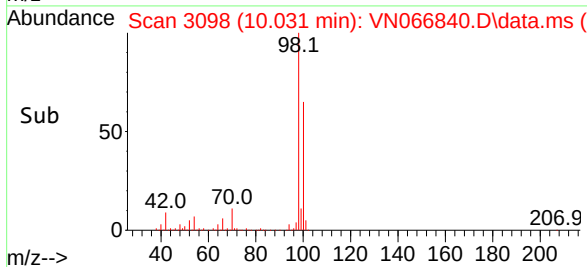
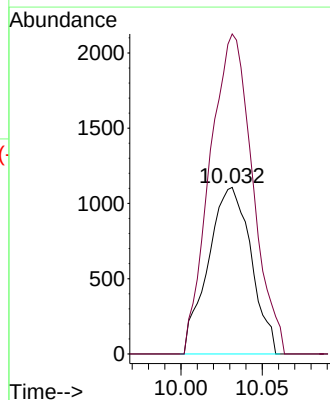
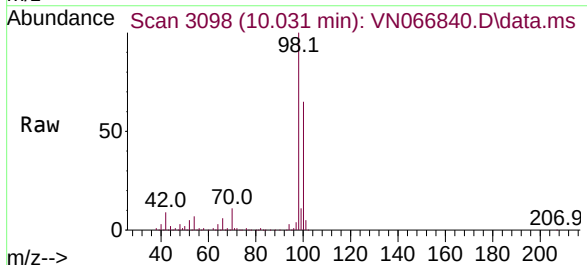
Instrument :
MSVOA_N
ClientSampled :

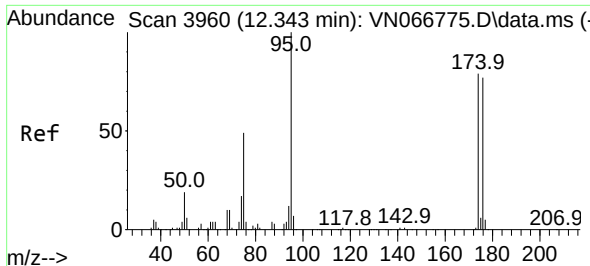
Tgt Ion: 98 Resp: 547404
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.109 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Tgt Ion: 43 Resp: 2033
Ion Ratio Lower Upper
43 100
58 191.0 32.5 48.7#

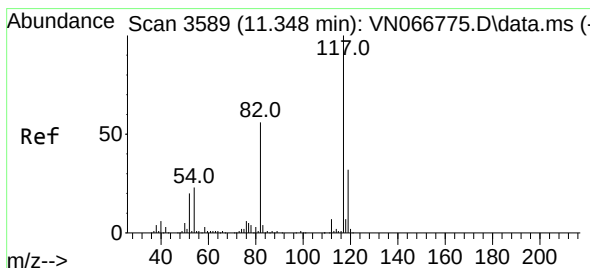
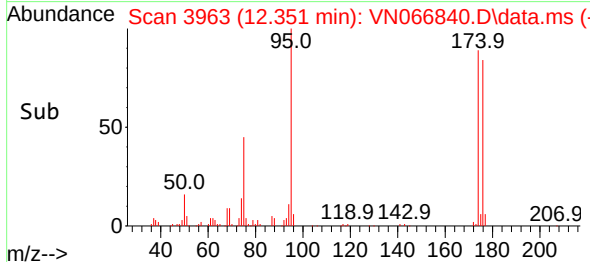
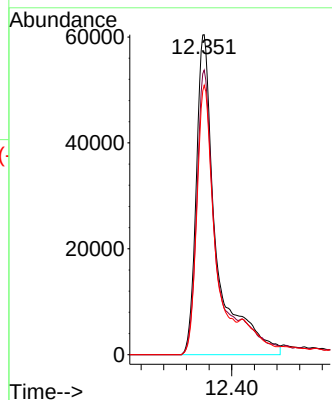
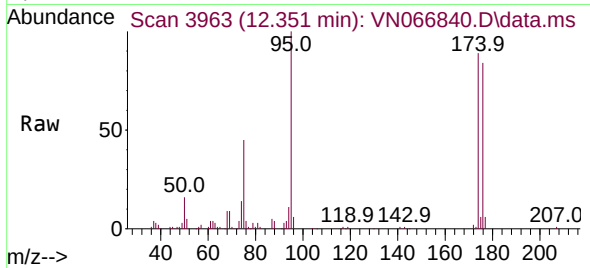




#62
4-Bromofluorobenzene
Concen: 39.61 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.008 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

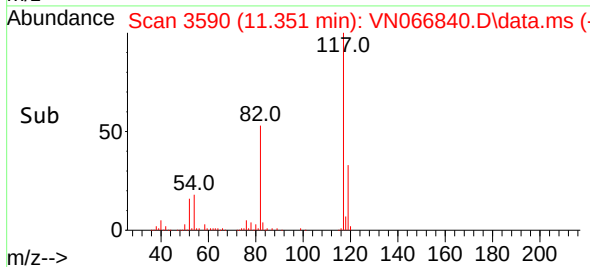
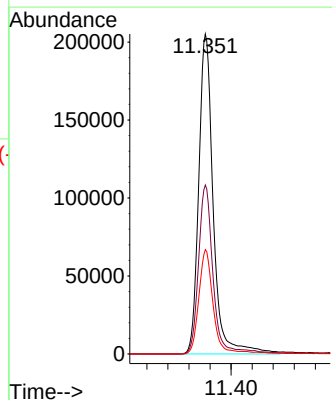
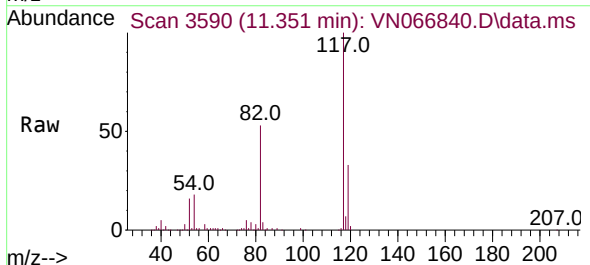
Instrument :
MSVOA_N
ClientSampleId :

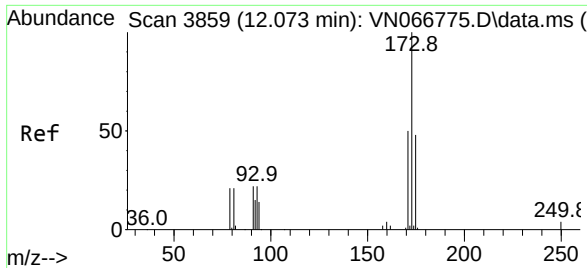
Tgt Ion: 95 Resp: 149634
Ion Ratio Lower Upper
95 100
174 77.4 0.0 169.0
176 73.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Tgt Ion: 117 Resp: 392803
Ion Ratio Lower Upper
117 100
82 52.8 43.7 65.5
119 32.6 26.1 39.1

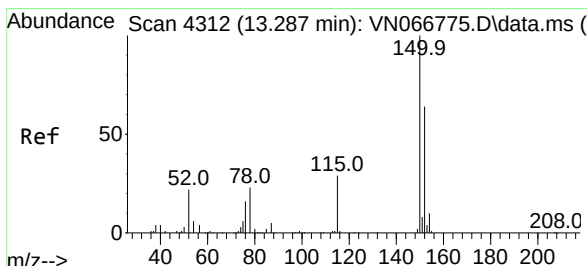
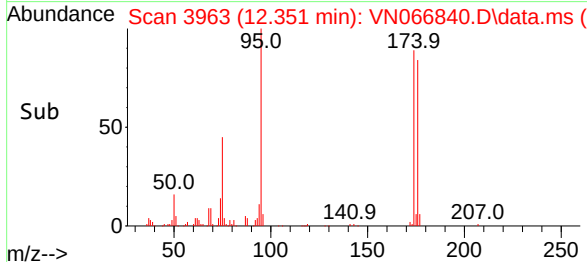
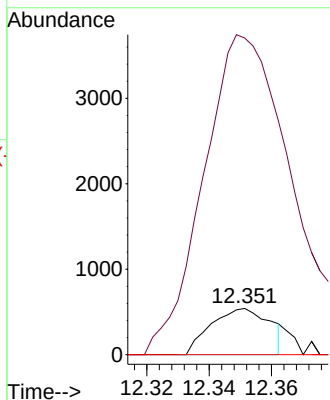
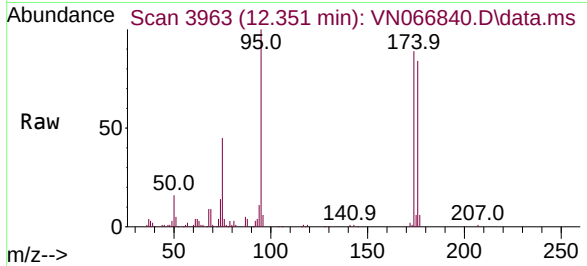




#71
Bromoform
Concen: 0.33 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

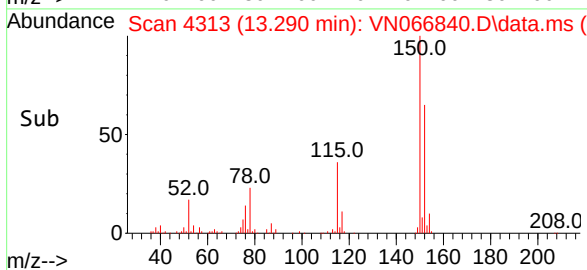
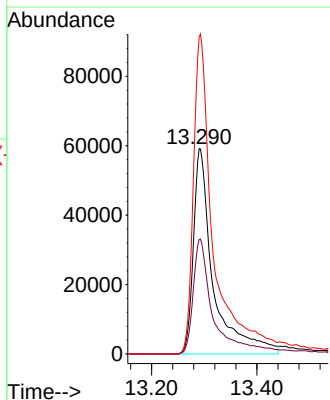
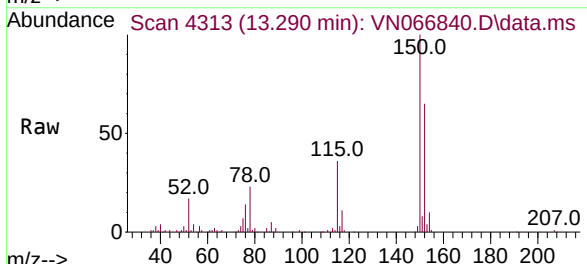
Instrument :
MSVOA_N
ClientSampleId :

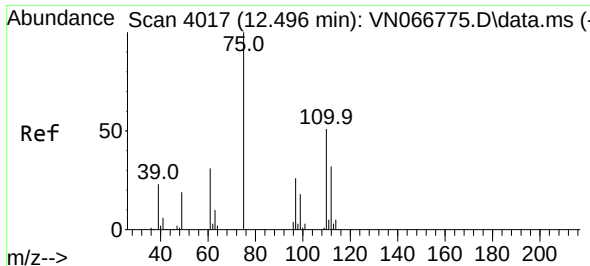
Tgt Ion:173 Resp: 712
Ion Ratio Lower Upper
173 100
175 806.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Tgt Ion:152 Resp: 155257
Ion Ratio Lower Upper
152 100
115 56.6 28.5 85.6
150 156.0 0.0 347.6

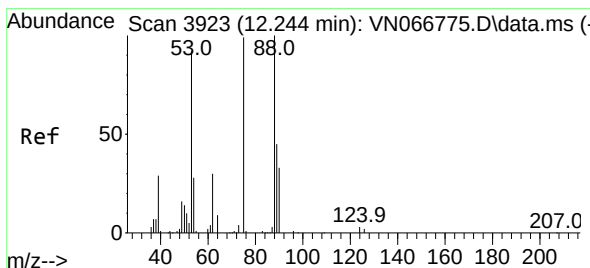
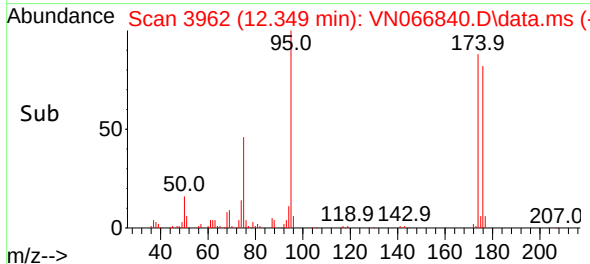
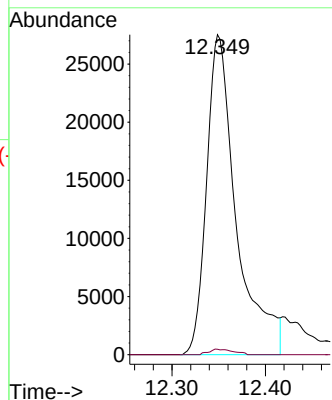
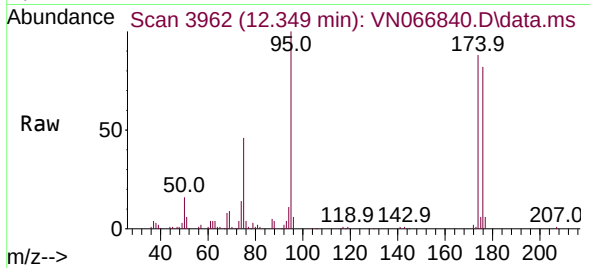




#76
1,2,3-Trichloropropane
Concen: 18.61 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 60900
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.72 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066840.D
Acq: 29 Apr 2021 3:18

Tgt Ion: 75 Resp: 60900
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

