

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066833.D
 Acq On : 29 Apr 2021 00:29
 Operator : JC/MD
 Sample : M2137-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:33:51 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)

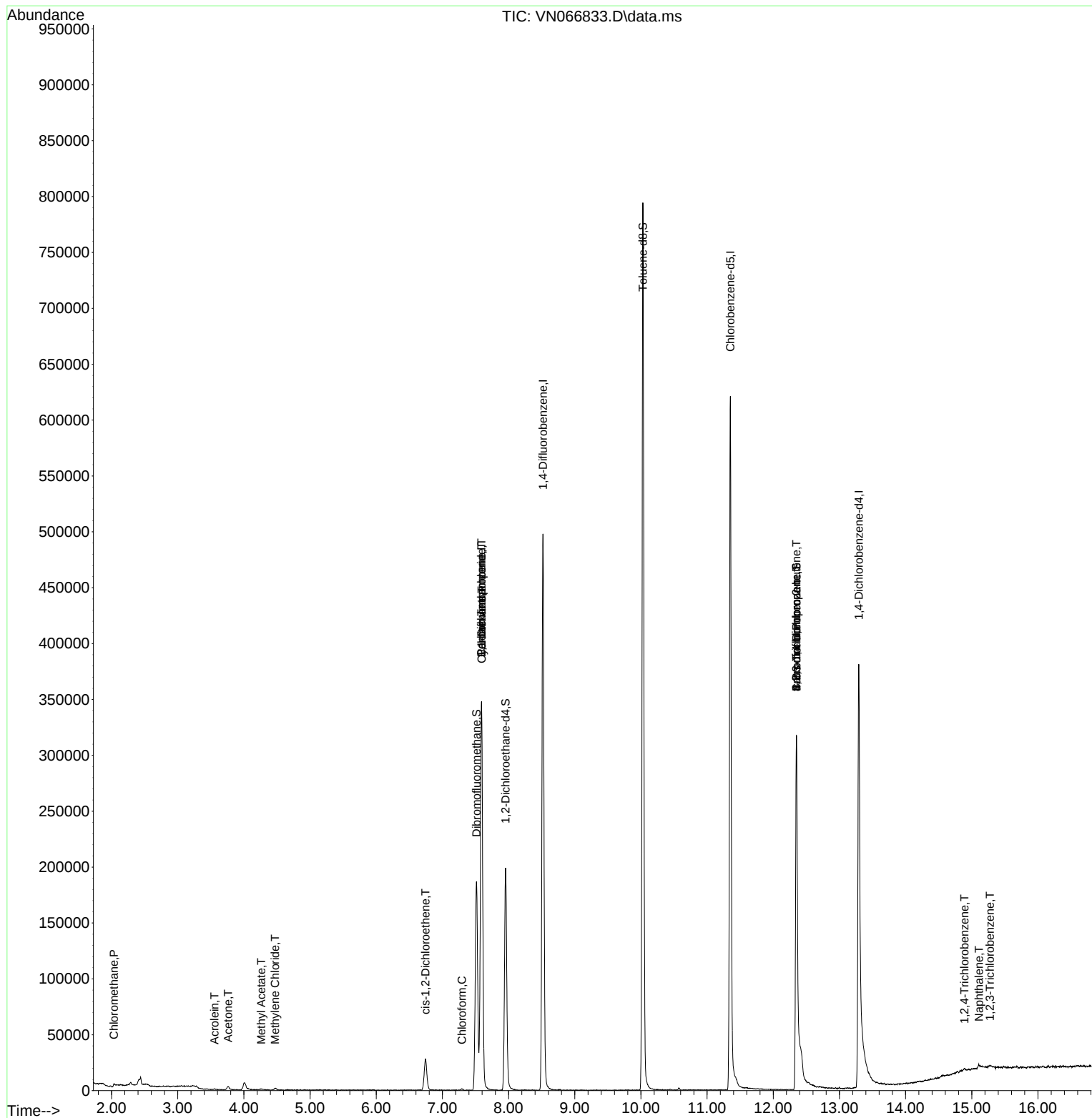
Internal Standards						
1) Pentafluorobenzene	7.591	168	315598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	477505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	418494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	167280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	170844	42.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.26%		
35) Dibromofluoromethane	7.516	113	150453	51.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.08%		
50) Toluene-d8	10.029	98	571550	49.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.80%		
62) 4-Bromofluorobenzene	12.349	95	164799	42.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.20%		
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1201	0.27	ug/l	91
13) Acrolein	3.555	56	498	0.95	ug/l #	55
16) Acetone	3.761	43	5137	3.36	ug/l	92
18) Methyl Acetate	4.263	43	2154	1.62	ug/l #	58
20) Methylene Chloride	4.469	84	1011	0.26	ug/l	96
27) cis-1,2-Dichloroethene	6.744	96	19826	5.04	ug/l	89
30) Chloroform	7.296	83	1479	0.23	ug/l	95
31) Cyclohexane	7.594	56	5134	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19925	4.49	ug/l #	49
38) Carbon Tetrachloride	7.591	117	26210	6.16	ug/l #	18
71) Bromoform	12.349	173	885	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	75634	21.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	75634	58.53	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.891	180	927	0.32	ug/l #	52
95) Naphthalene	15.109	128	5948	0.80	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.272	180	1550	0.56	ug/l #	46

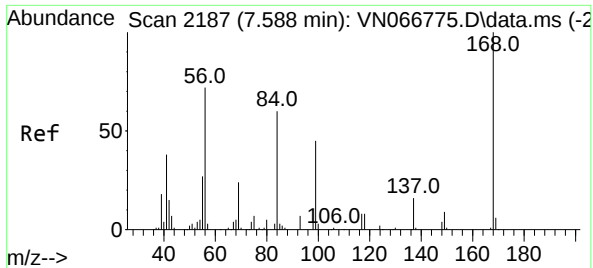
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
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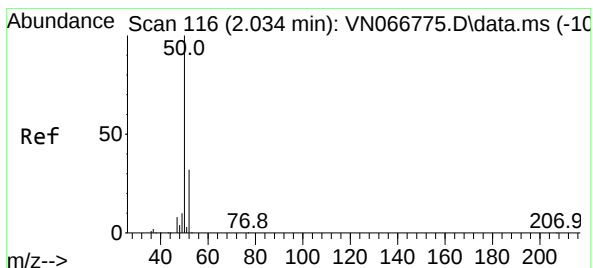
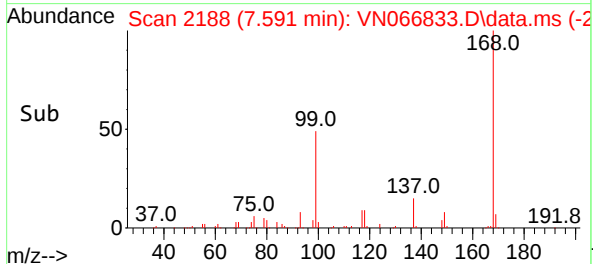
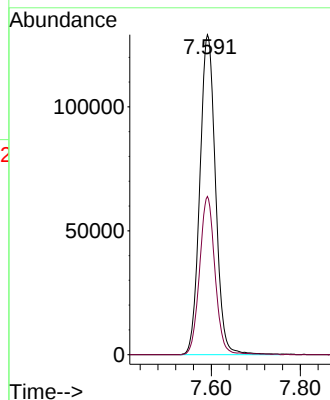
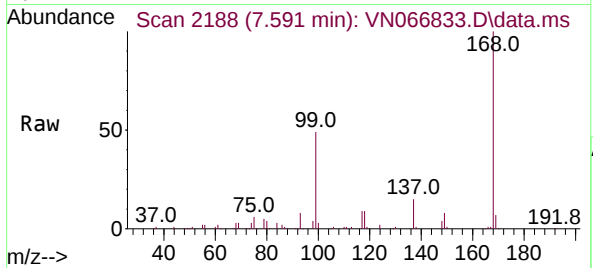




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

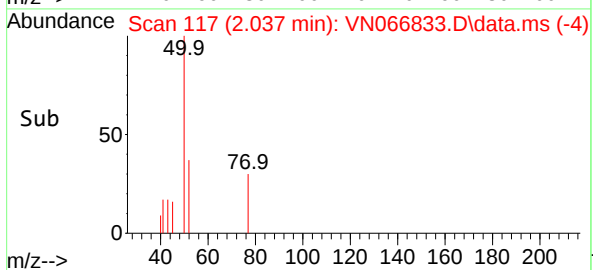
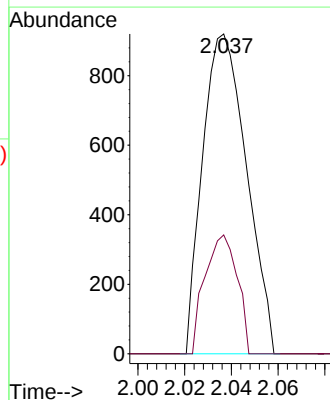
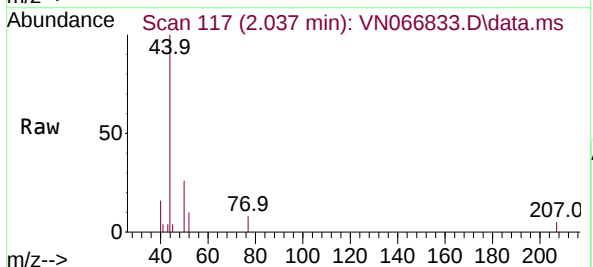
Instrument :
MSVOA_N
ClientSampled :

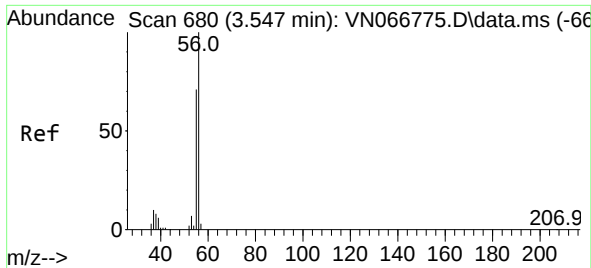
Tgt Ion:168 Resp: 315598
Ion Ratio Lower Upper
168 100
99 49.5 42.6 63.8



#3
Chloromethane
Concen: 0.27 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion: 50 Resp: 1201
Ion Ratio Lower Upper
50 100
52 37.2 25.8 38.8

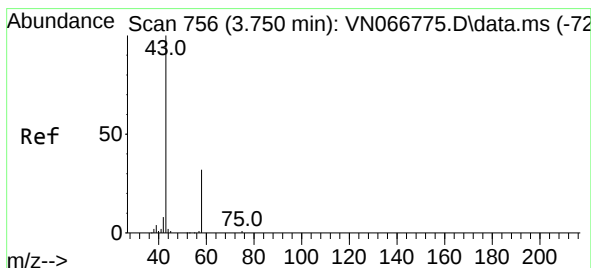
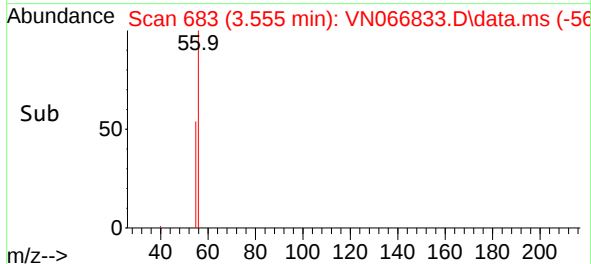
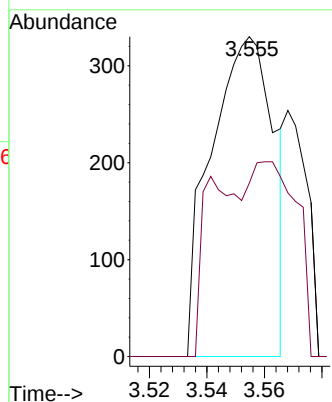
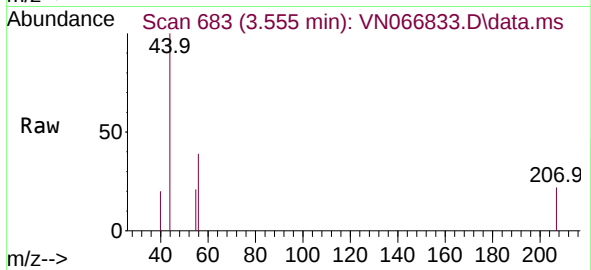




#13
Acrolein
Concen: 0.95 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

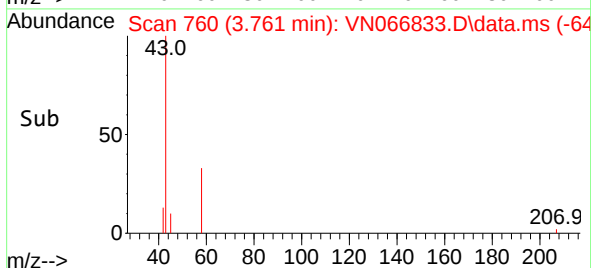
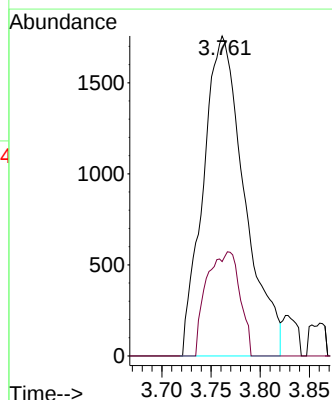
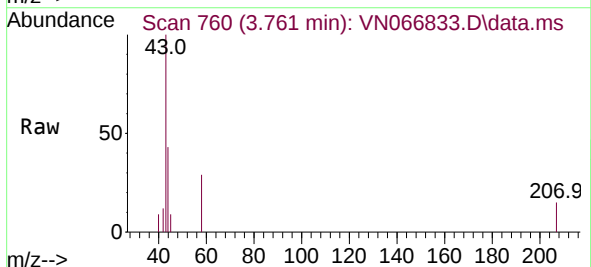
Instrument :
MSVOA_N
ClientSampled :

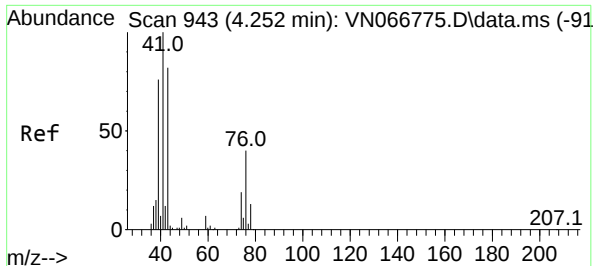
Tgt Ion: 56 Resp: 498
Ion Ratio Lower Upper
56 100
55 33.1 56.0 84.0#



#16
Acetone
Concen: 3.36 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion: 43 Resp: 5137
Ion Ratio Lower Upper
43 100
58 29.5 27.0 40.6





#18

Methyl Acetate

Concen: 1.62 ug/l

RT: 4.263 min Scan# 947

Delta R.T. 0.011 min

Lab File: VN066833.D

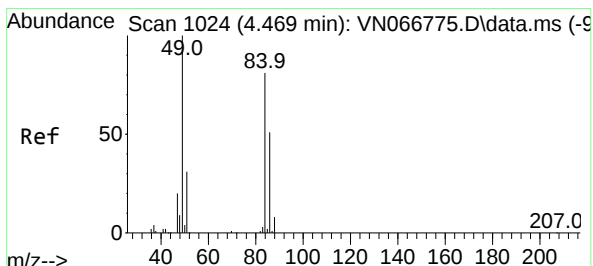
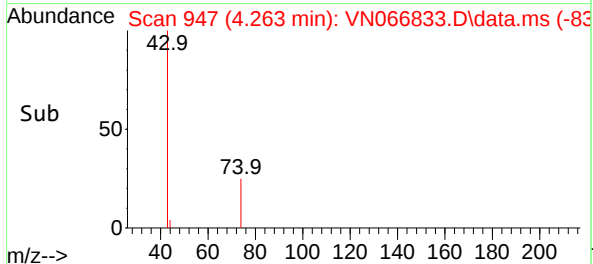
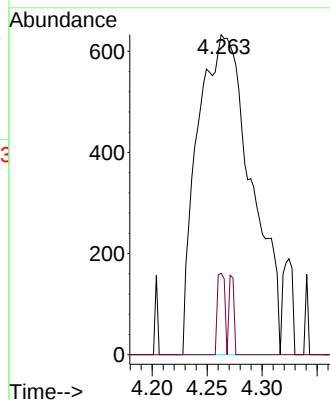
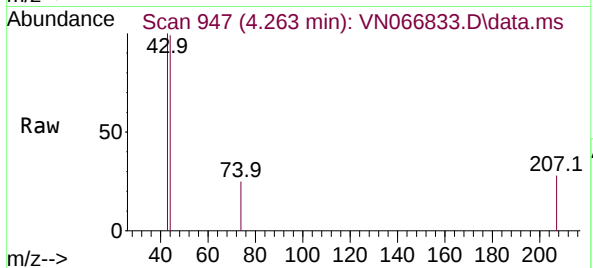
Acq: 29 Apr 2021 00:29

Tgt Ion: 43 Resp: 2154

Ion Ratio Lower Upper

43 100

74 3.5 19.5 29.3#



#20

Methylene Chloride

Concen: 0.26 ug/l

RT: 4.469 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN066833.D

Acq: 29 Apr 2021 00:29

Tgt Ion: 84 Resp: 1011

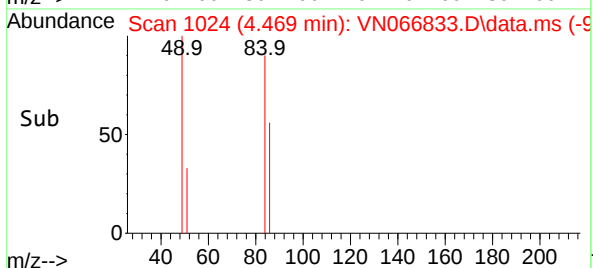
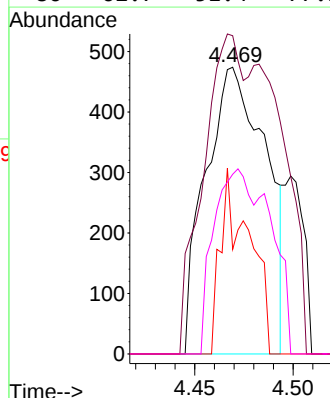
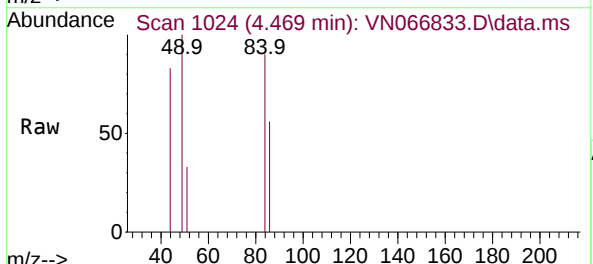
Ion Ratio Lower Upper

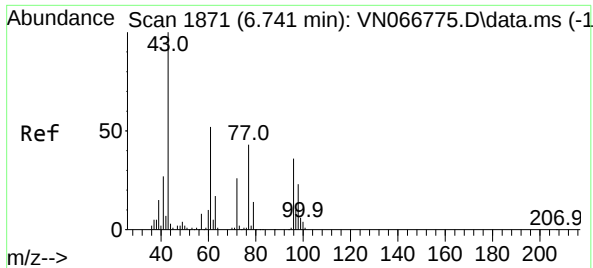
84 100

49 111.0 94.6 141.8

51 36.5 29.9 44.9

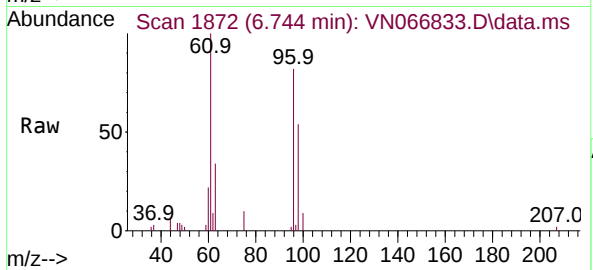
86 62.7 51.4 77.2



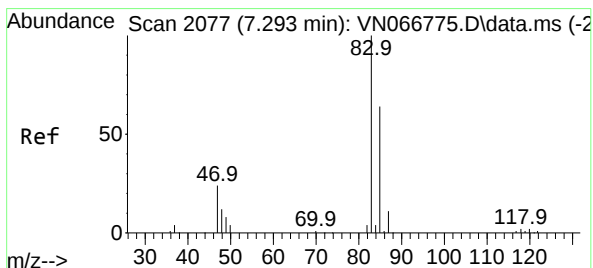
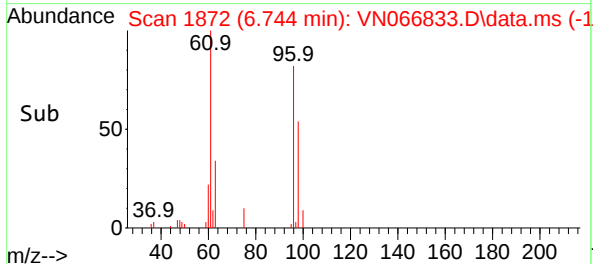
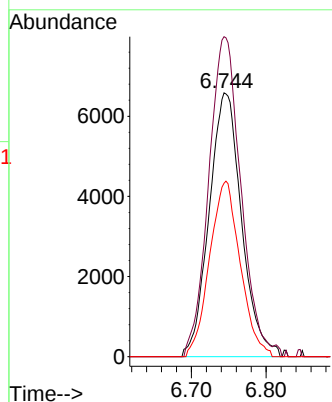


#27
cis-1,2-Dichloroethene
Concen: 5.04 ug/l
RT: 6.744 min Scan# 1872
Delta R.T. 0.003 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Instrument :
MSVOA_N
ClientSampled :

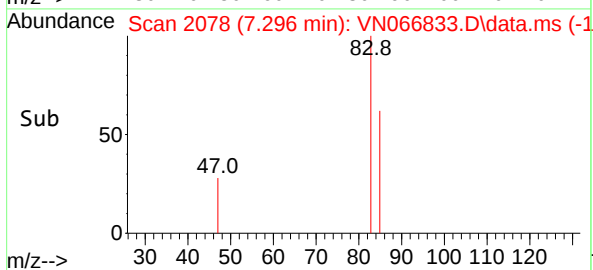
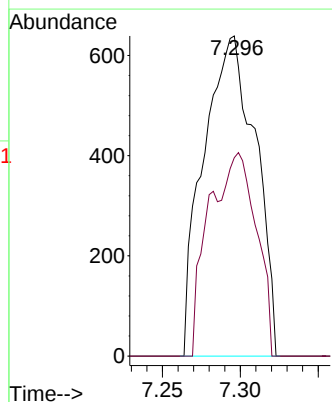
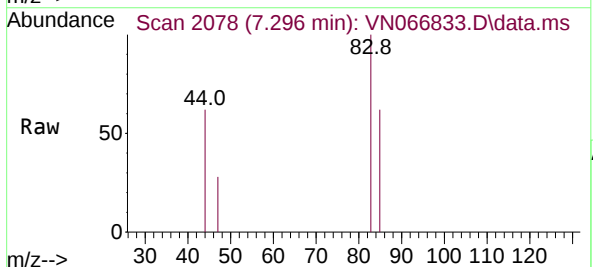


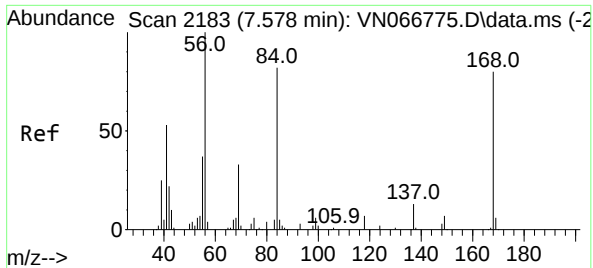
Tgt Ion: 96 Resp: 19826
Ion Ratio Lower Upper
96 100
61 119.7 0.0 276.8
98 62.8 0.0 129.4



#30
Chloroform
Concen: 0.23 ug/l
RT: 7.296 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion: 83 Resp: 1479
Ion Ratio Lower Upper
83 100
85 62.0 52.6 78.8

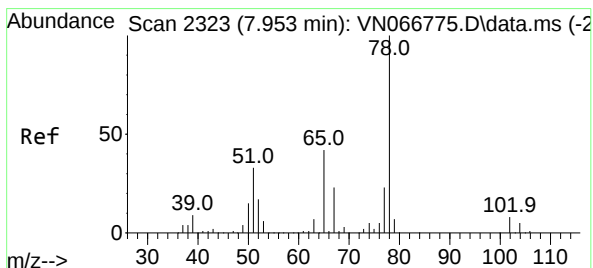
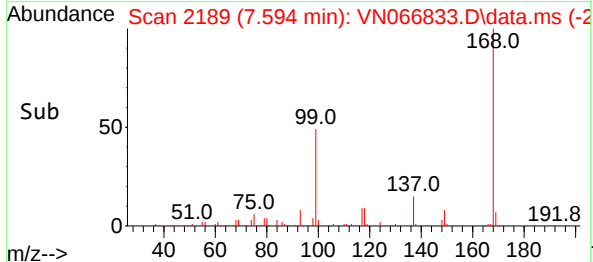
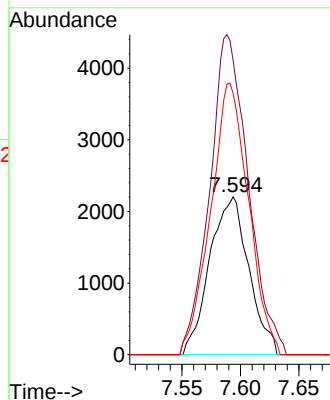
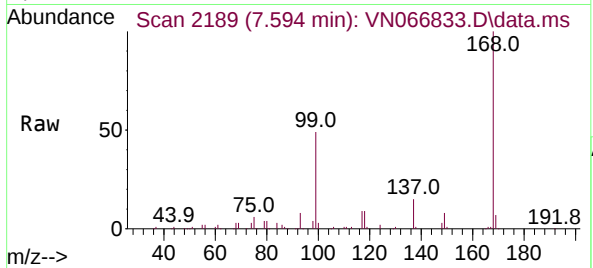




#31
Cyclohexane
Concen: 0.82 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

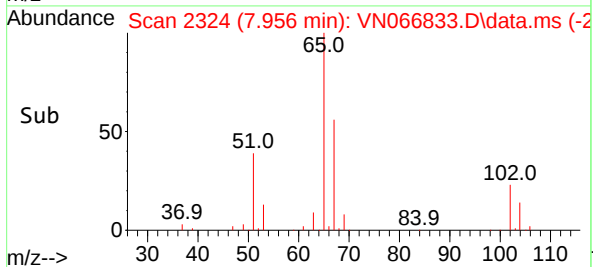
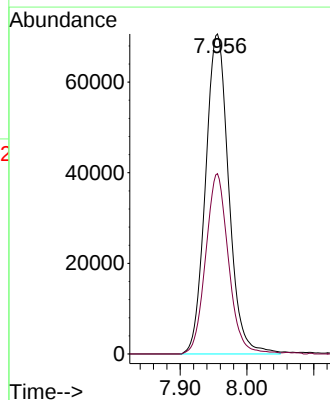
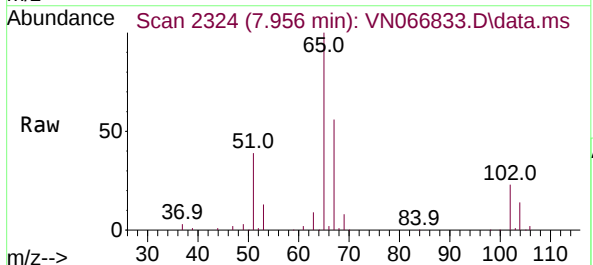
Instrument :
MSVOA_N
ClientSampled :

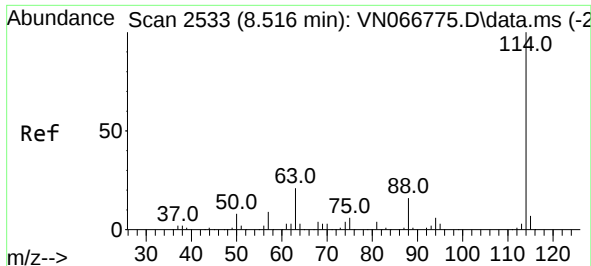
Tgt Ion: 56 Resp: 5134
Ion Ratio Lower Upper
56 100
69 186.1 26.6 39.8#
84 165.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.13 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion: 65 Resp: 170844
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.2

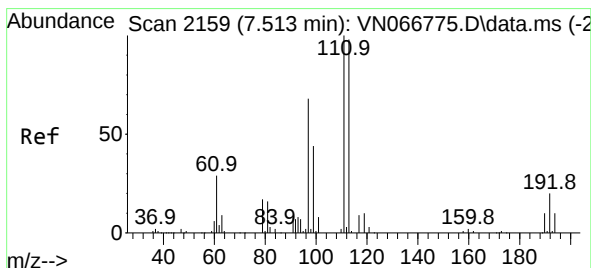
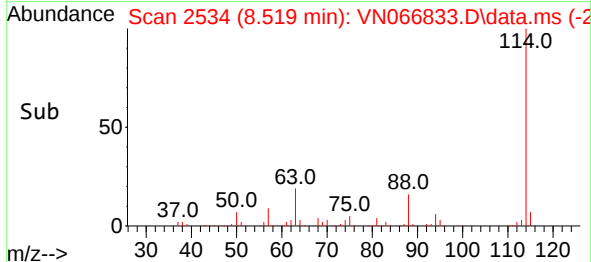
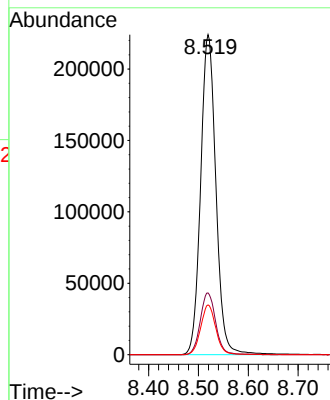
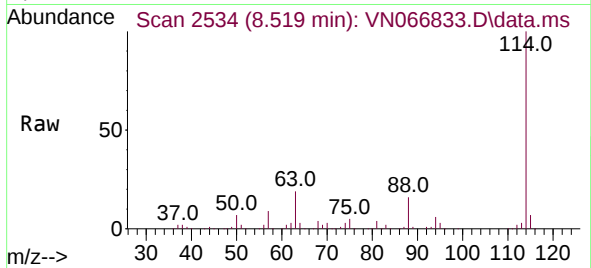




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

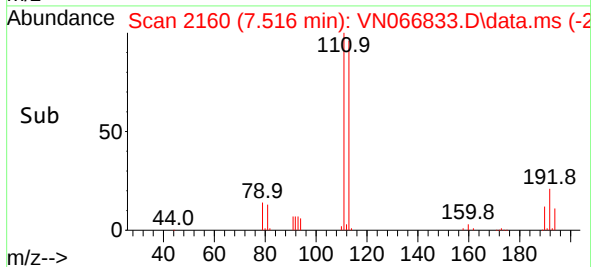
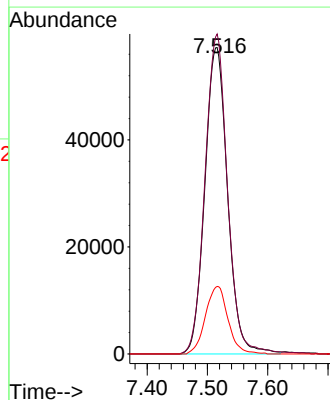
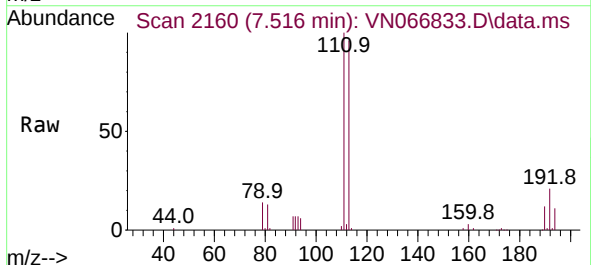
Instrument :
MSVOA_N
ClientSampled :

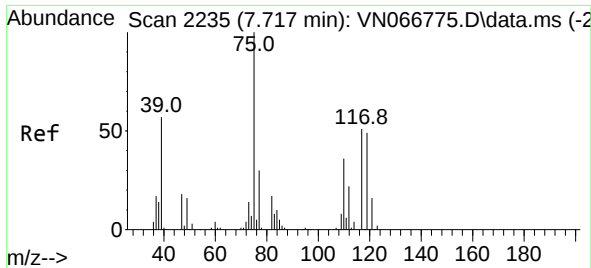
Tgt Ion:114 Resp: 477505
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.04 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion:113 Resp: 150453
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 21.8 15.4 23.0

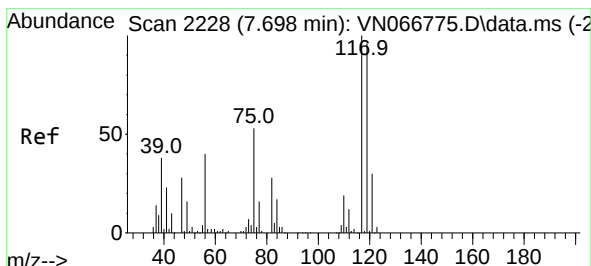
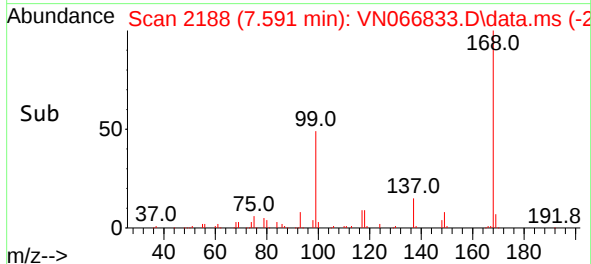
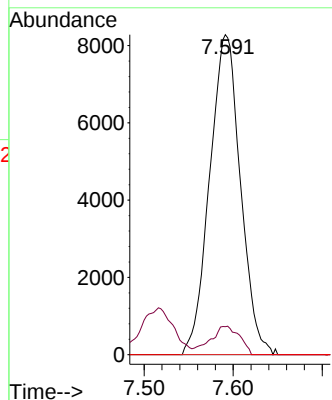
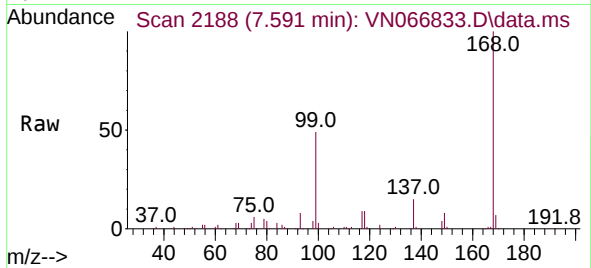




#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

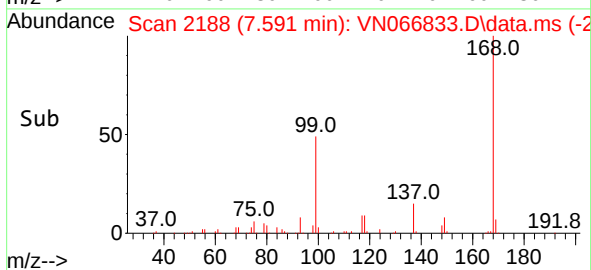
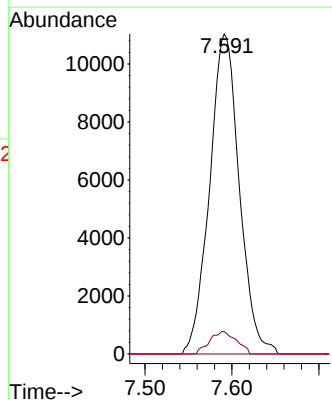
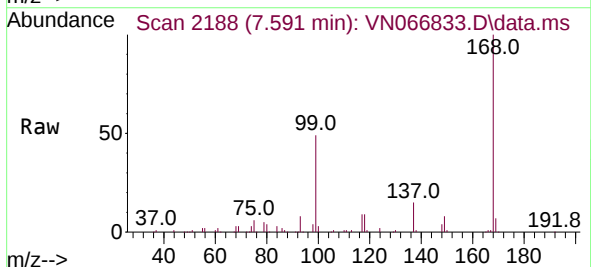
Instrument :
MSVOA_N
ClientSampled :

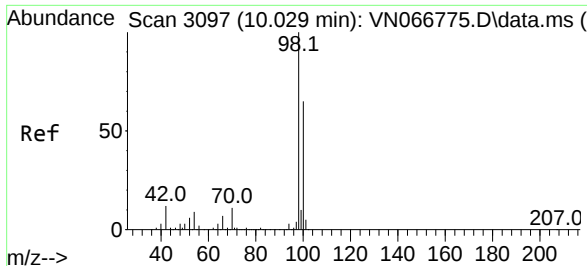
Tgt Ion: 75 Resp: 19925
Ion Ratio Lower Upper
75 100
110 8.5 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion:117 Resp: 26210
Ion Ratio Lower Upper
117 100
119 7.0 76.0 114.0#
121 0.0 24.5 36.7#

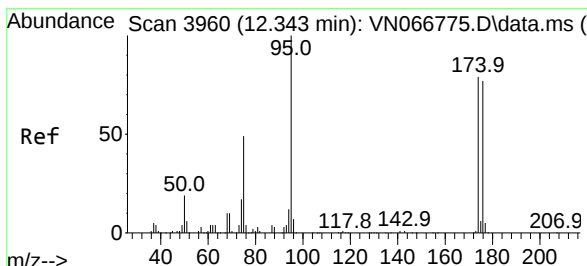
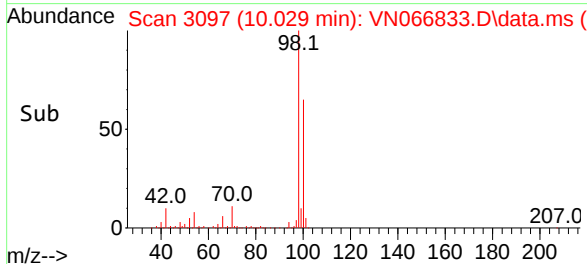
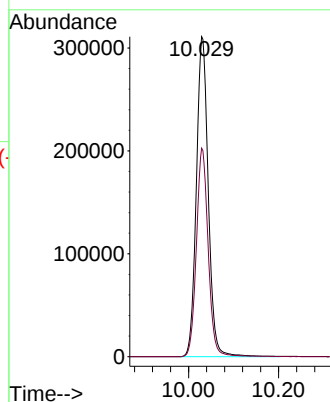
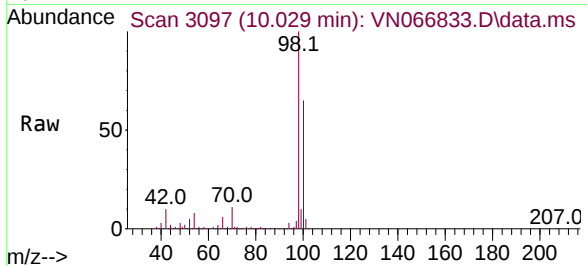




#50
Toluene-d8
Concen: 49.40 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

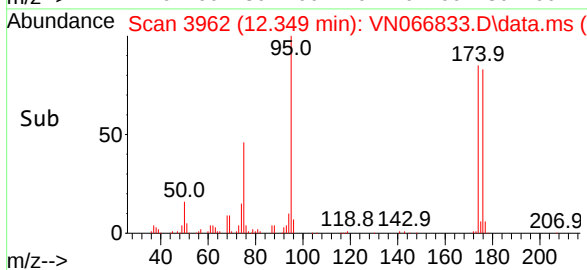
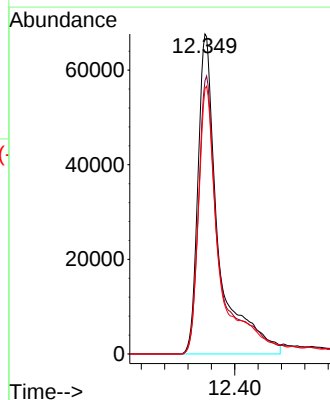
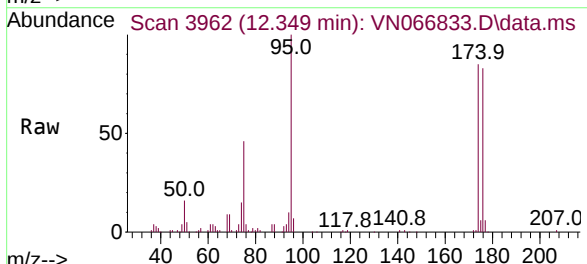
Instrument :
MSVOA_N
ClientSampled :

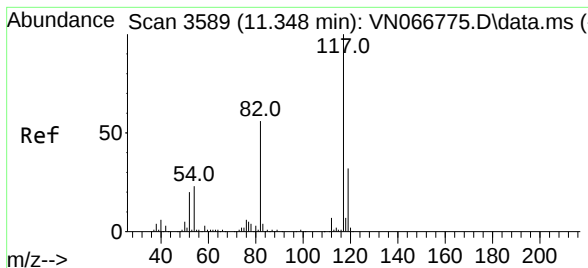
Tgt Ion: 98 Resp: 571550
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.10 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion: 95 Resp: 164799
Ion Ratio Lower Upper
95 100
174 89.4 0.0 169.0
176 85.3 0.0 162.4

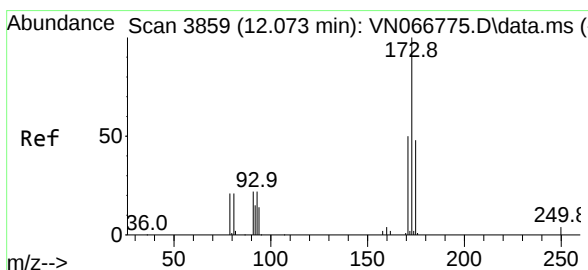
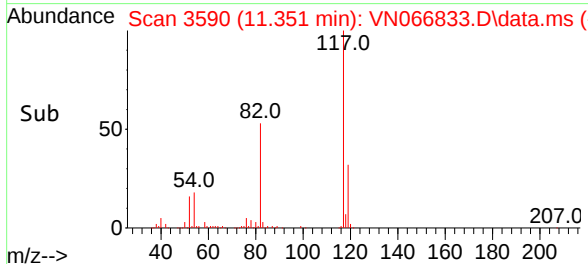
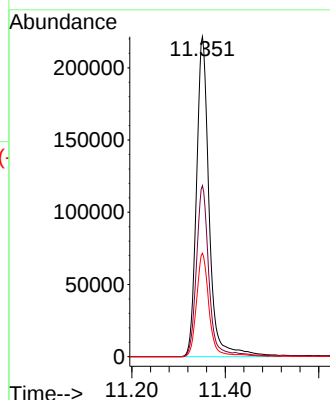
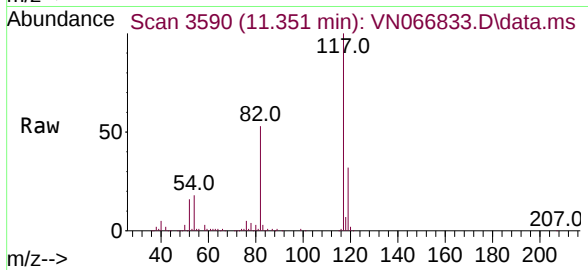




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

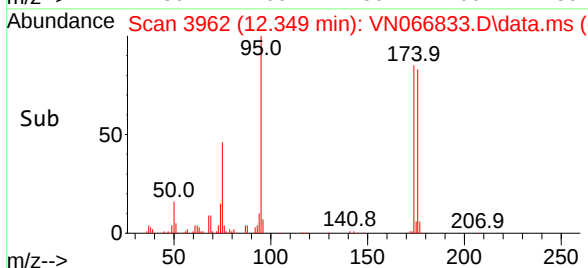
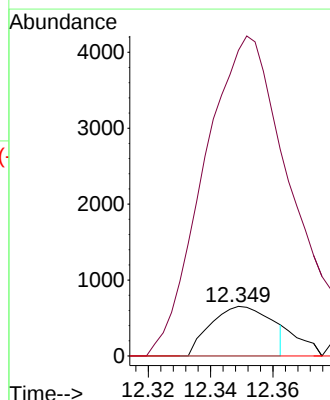
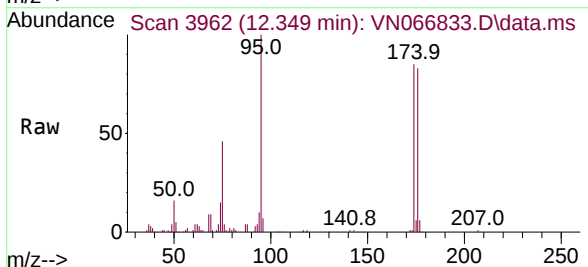
Instrument :
MSVOA_N
ClientSampled :

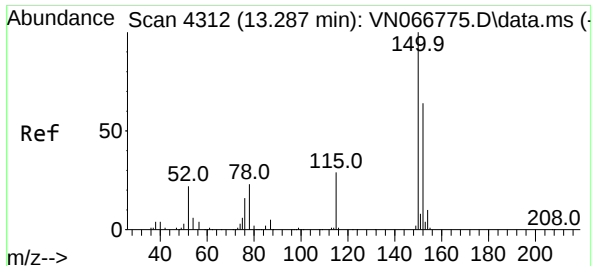
Tgt Ion:117 Resp: 418494
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.3 26.1 39.1



#71
Bromoform
Concen: 0.39 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion:173 Resp: 885
Ion Ratio Lower Upper
173 100
175 736.7 23.8 71.2#
254 0.0 0.0 0.0

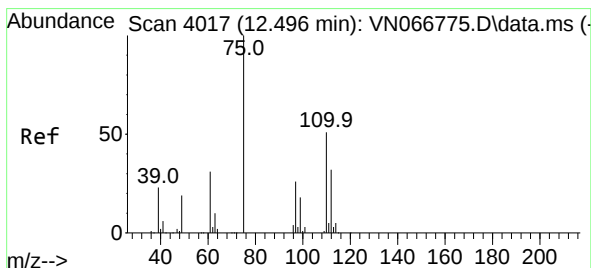
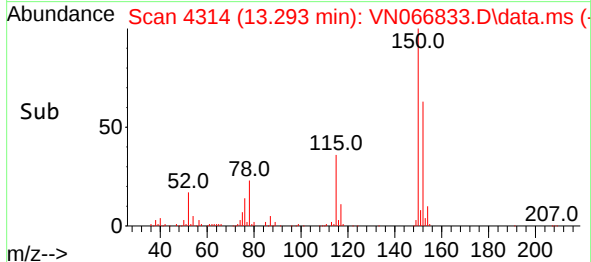
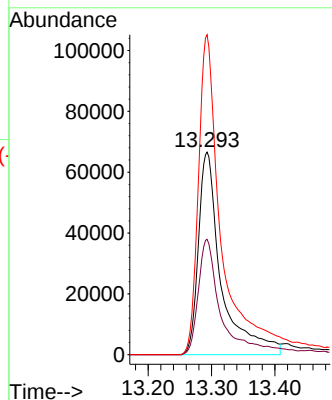
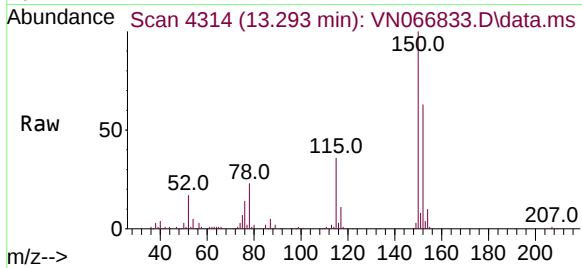




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

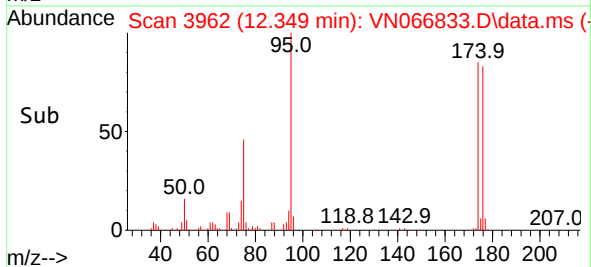
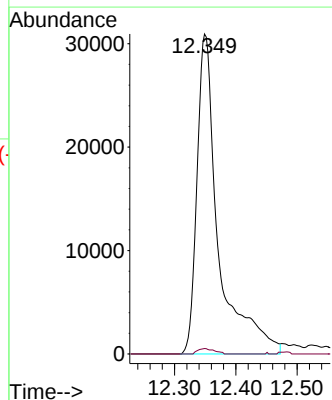
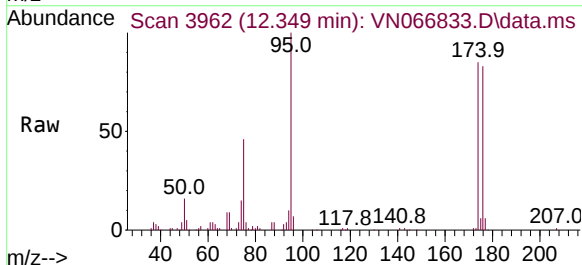
Instrument :
MSVOA_N
ClientSampled :

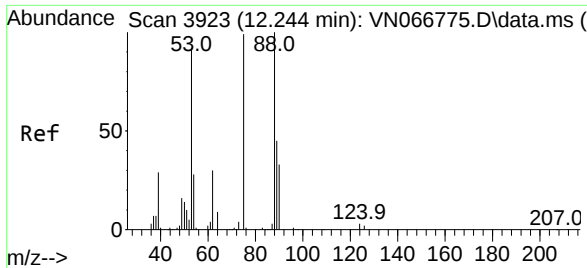
Tgt Ion:152 Resp: 167280
Ion Ratio Lower Upper
152 100
115 54.5 28.5 85.6
150 161.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.45 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

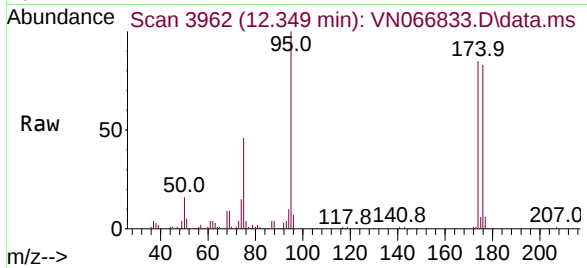
Tgt Ion: 75 Resp: 75634
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



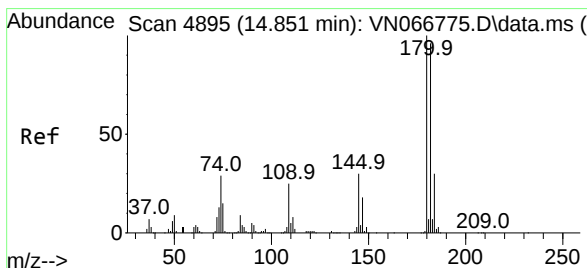
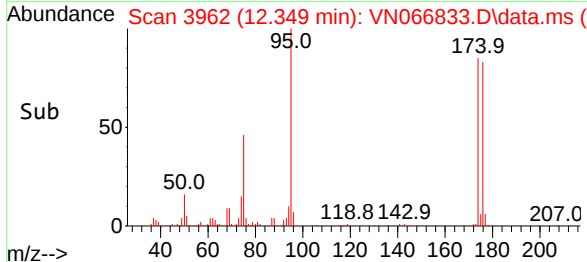
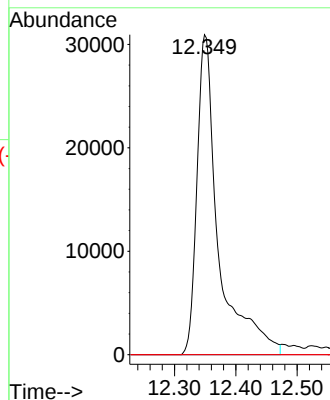


#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.53 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066833.D
 Acq: 29 Apr 2021 00:29

Instrument :
 MSVOA_N
 ClientSampleId :

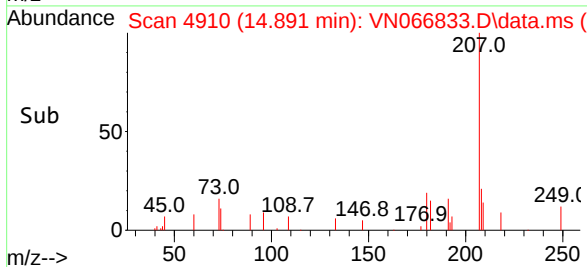
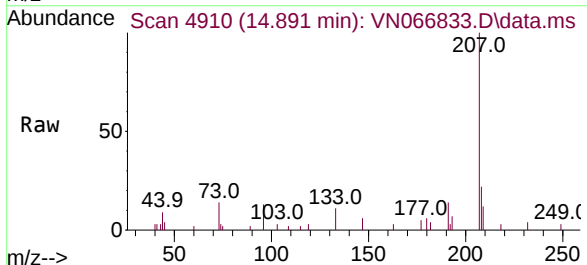
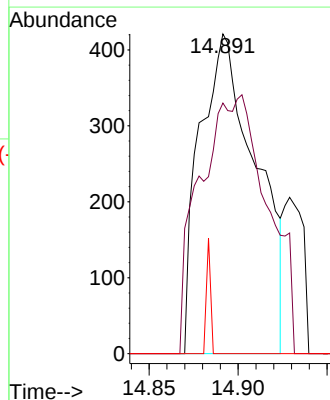


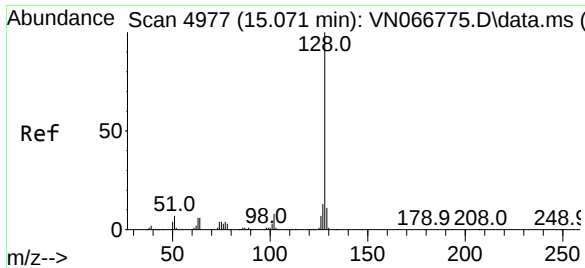
Tgt Ion: 75 Resp: 75634
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.32 ug/l
 RT: 14.891 min Scan# 4910
 Delta R.T. 0.040 min
 Lab File: VN066833.D
 Acq: 29 Apr 2021 00:29

Tgt Ion: 180 Resp: 927
 Ion Ratio Lower Upper
 180 100
 182 49.1 47.3 142.0
 145 2.6 15.6 46.8#

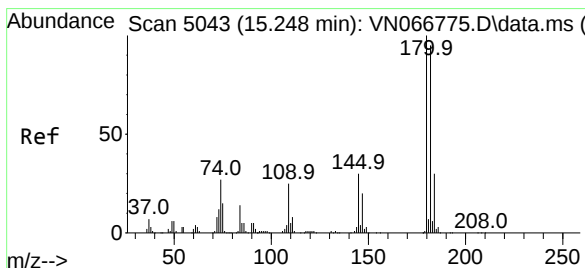
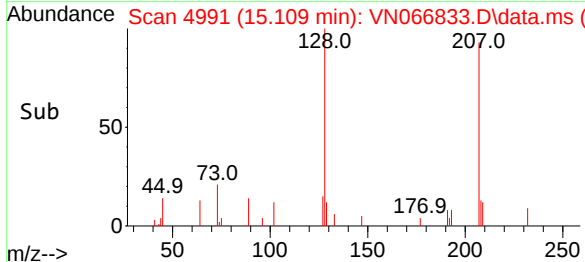
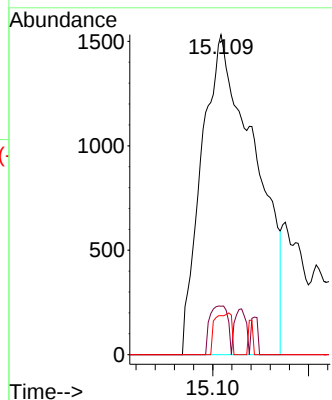
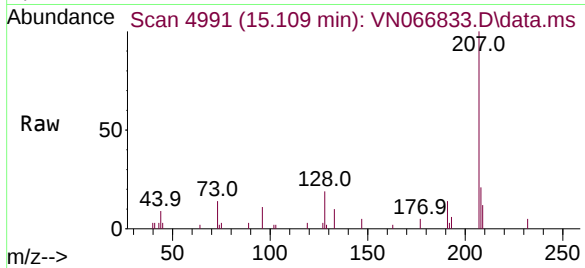




#95
Naphthalene
Concen: 0.80 ug/l
RT: 15.109 min Scan# 4991
Delta R.T. 0.038 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 5948
Ion Ratio Lower Upper
128 100
127 5.0 10.2 15.2#
129 4.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.56 ug/l
RT: 15.272 min Scan# 5052
Delta R.T. 0.024 min
Lab File: VN066833.D
Acq: 29 Apr 2021 00:29

Tgt Ion:180 Resp: 1550
Ion Ratio Lower Upper
180 100
182 40.1 47.4 142.3#
145 7.3 16.5 49.5#

