

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066890.D
 Acq On : 30 Apr 2021 3:17
 Operator : JC/MD
 Sample : M2137-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:32:55 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)

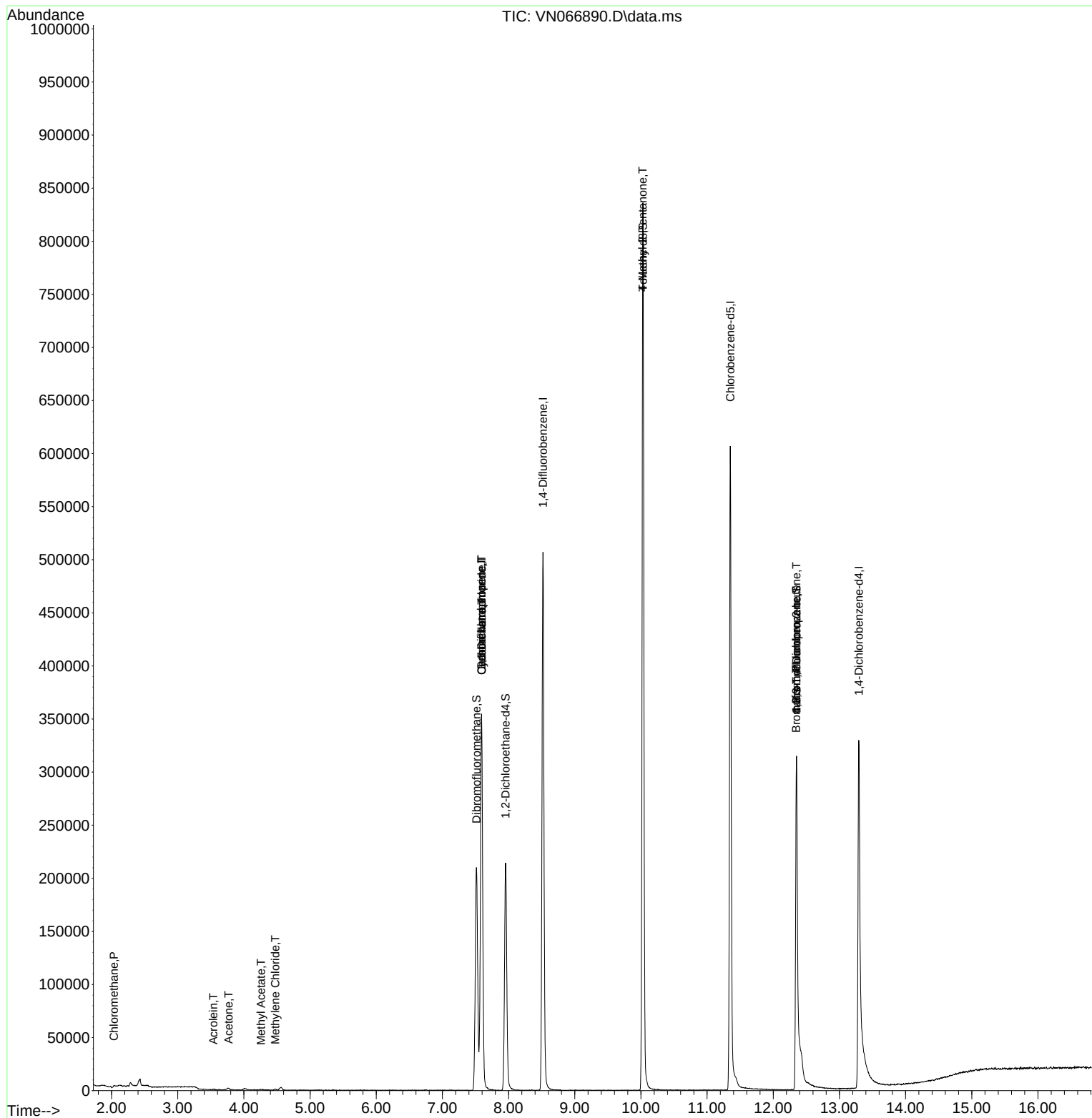
Internal Standards						
1) Pentafluorobenzene	7.591	168	316539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	479401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	414608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	151005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	185028	45.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.98%		
35) Dibromofluoromethane	7.516	113	169790	57.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	114.76%		
50) Toluene-d8	10.029	98	615074	52.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.90%		
62) 4-Bromofluorobenzene	12.349	95	166280	42.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.62%		
Target Compounds					Qvalue	
3) Chloromethane	2.037	50	902	0.20	ug/l #	84
13) Acrolein	3.539	56	142	0.27	ug/l #	1
16) Acetone	3.769	43	3392	2.21	ug/l	95
18) Methyl Acetate	4.257	43	658	1.27	ug/l #	81
20) Methylene Chloride	4.475	84	929	0.24	ug/l #	73
31) Cyclohexane	7.594	56	4994	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	20699	4.65	ug/l #	48
38) Carbon Tetrachloride	7.594	117	25937	6.07	ug/l #	17
51) 4-Methyl-2-Pentanone	10.026	43	2068	0.51	ug/l #	1
71) Bromoform	12.346	173	1009	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	65179	20.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	65179	56.20	ug/l #	12

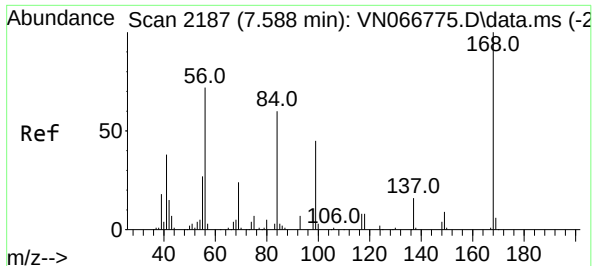
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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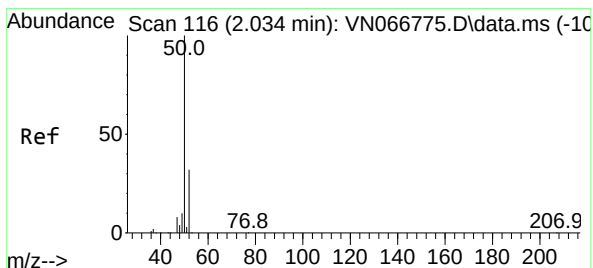
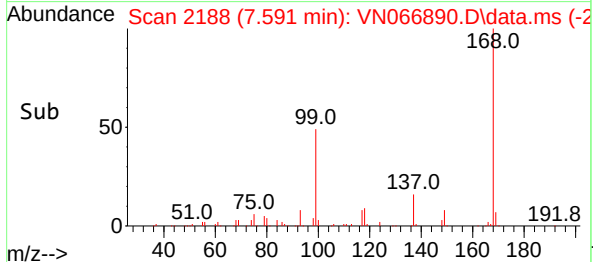
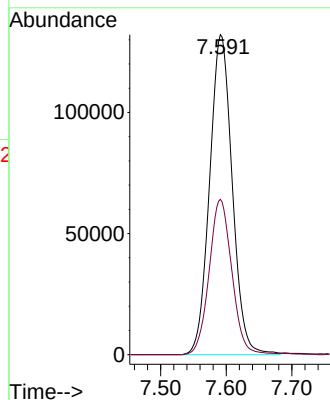
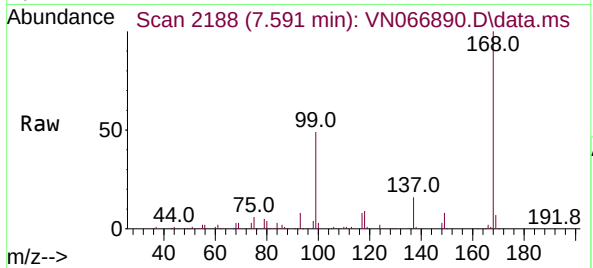




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

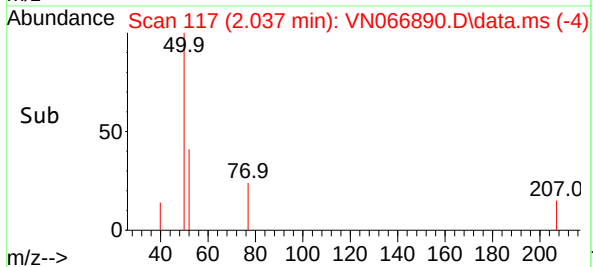
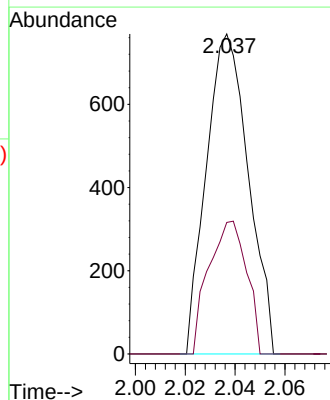
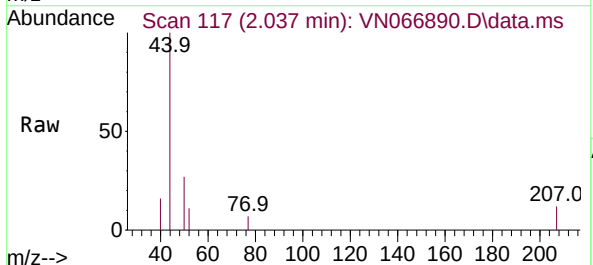
Instrument :
MSVOA_N
ClientSampled :

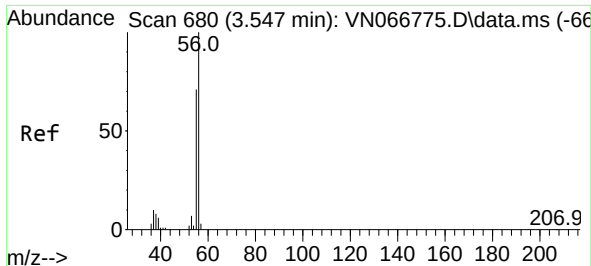
Tgt Ion:168 Resp: 316539
Ion Ratio Lower Upper
168 100
99 48.6 42.6 63.8



#3
Chloromethane
Concen: 0.20 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Tgt Ion: 50 Resp: 902
Ion Ratio Lower Upper
50 100
52 41.1 25.8 38.8#





#13

Acrolein

Concen: 0.27 ug/l

RT: 3.539 min Scan# 677

Delta R.T. -0.008 min

Lab File: VN066890.D

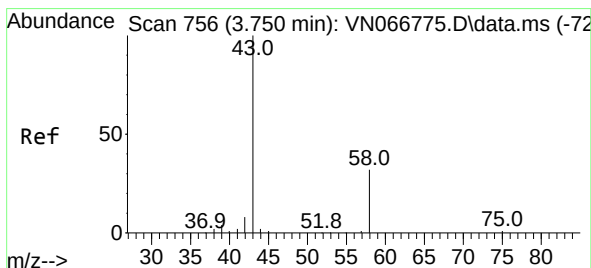
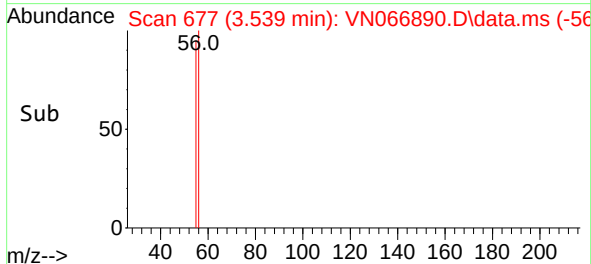
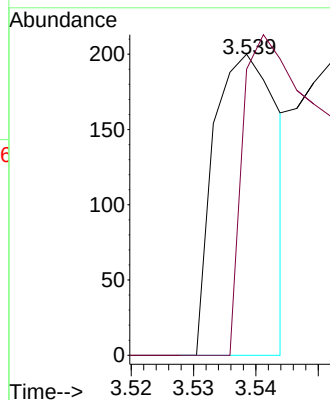
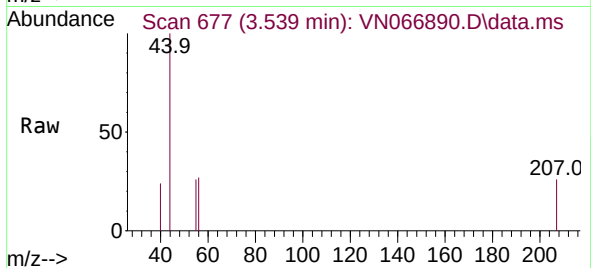
Acq: 30 Apr 2021 3:17

Tgt Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 160.6 56.0 84.0#



#16

Acetone

Concen: 2.21 ug/l

RT: 3.769 min Scan# 763

Delta R.T. 0.019 min

Lab File: VN066890.D

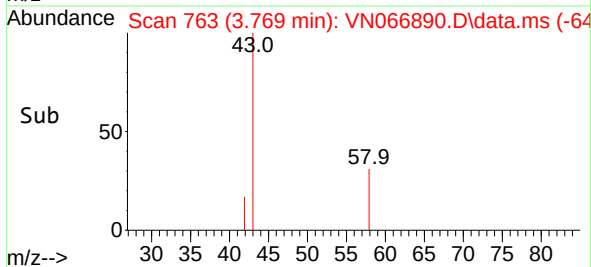
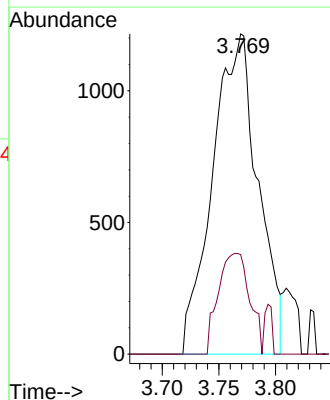
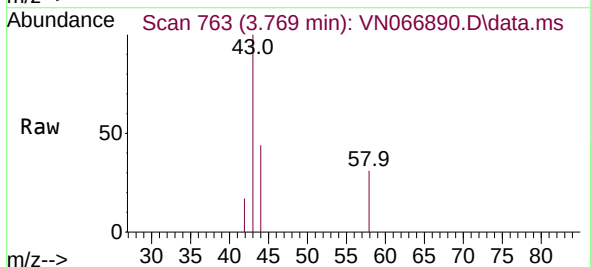
Acq: 30 Apr 2021 3:17

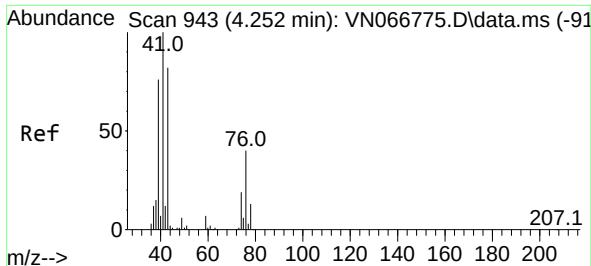
Tgt Ion: 43 Resp: 3392

Ion Ratio Lower Upper

43 100

58 31.1 27.0 40.6





#18

Methyl Acetate

Concen: 1.27 ug/l

RT: 4.257 min Scan# 945

Delta R.T. 0.005 min

Lab File: VN066890.D

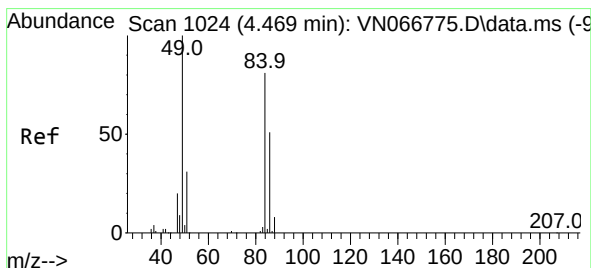
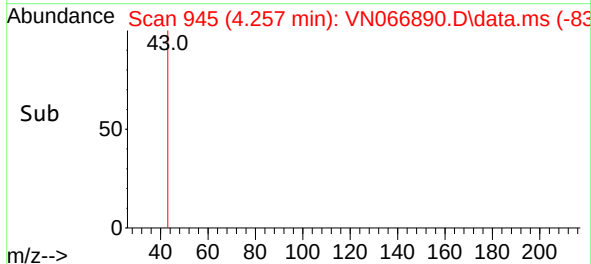
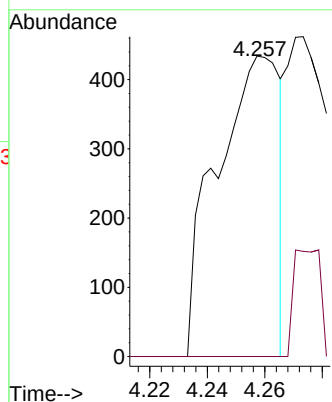
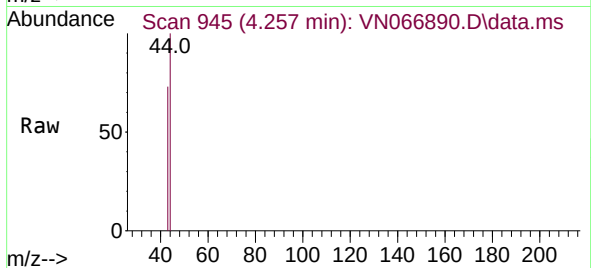
Acq: 30 Apr 2021 3:17

Tgt Ion: 43 Resp: 658

Ion Ratio Lower Upper

43 100

74 14.9 19.5 29.3#



#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 4.475 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN066890.D

Acq: 30 Apr 2021 3:17

Tgt Ion: 84 Resp: 929

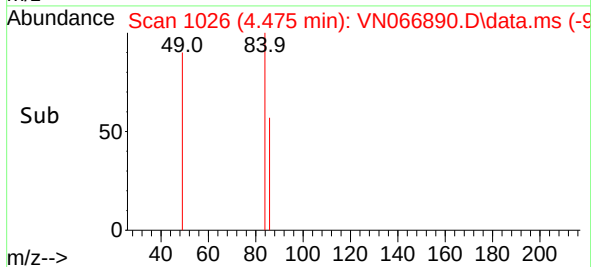
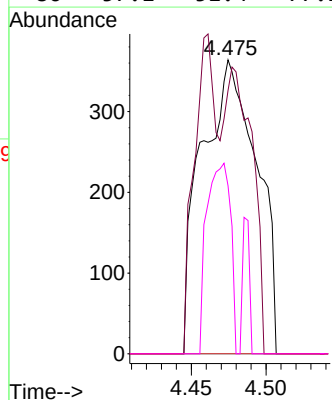
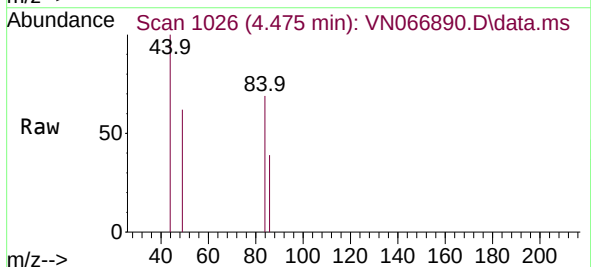
Ion Ratio Lower Upper

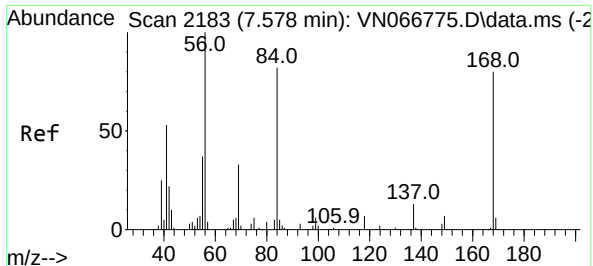
84 100

49 89.6 94.6 141.8#

51 0.0 29.9 44.9#

86 57.1 51.4 77.2

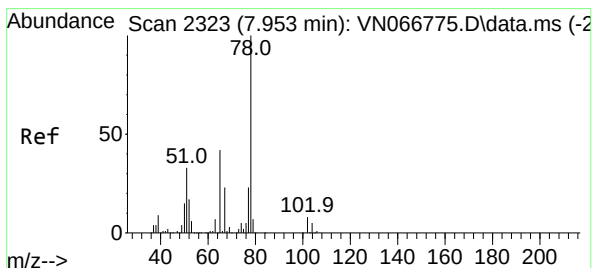
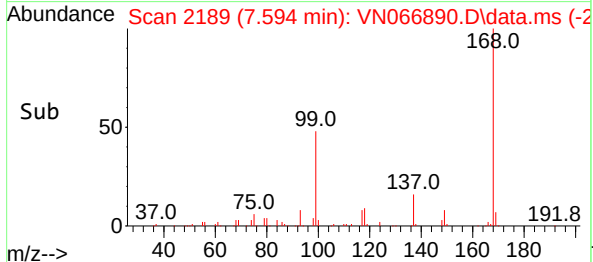
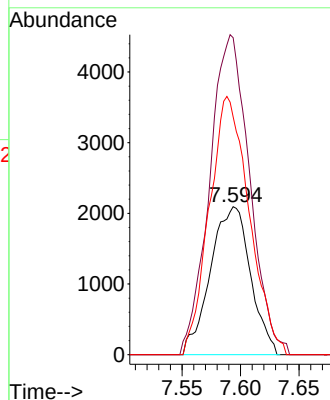
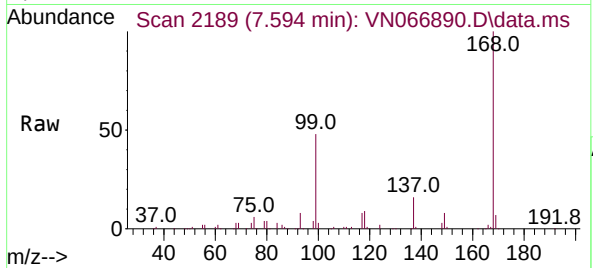




#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

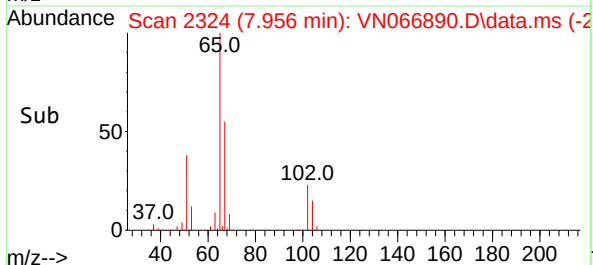
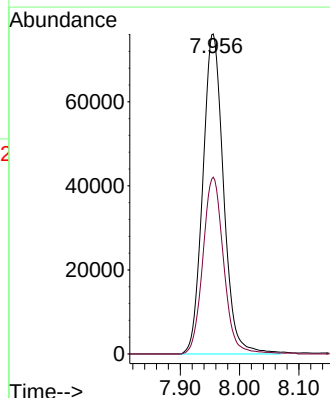
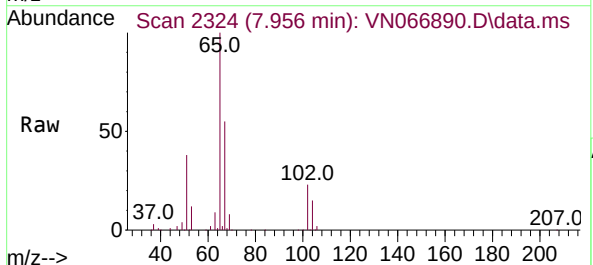
Instrument :
MSVOA_N
ClientSampled :

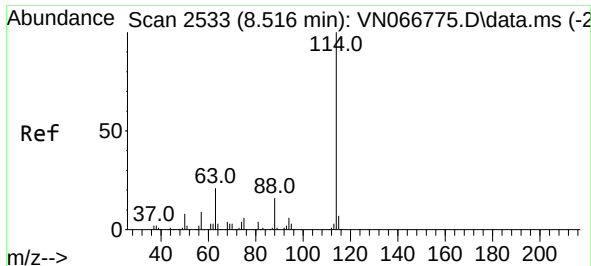
Tgt Ion: 56 Resp: 4994
Ion Ratio Lower Upper
56 100
69 214.1 26.6 39.8#
84 160.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.49 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Tgt Ion: 65 Resp: 185028
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2

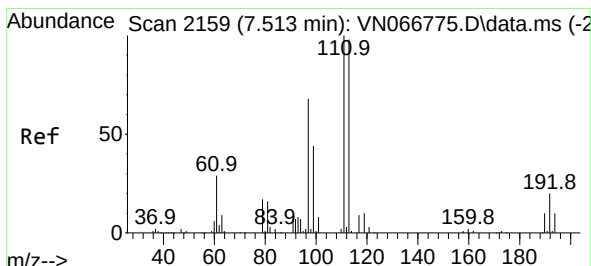
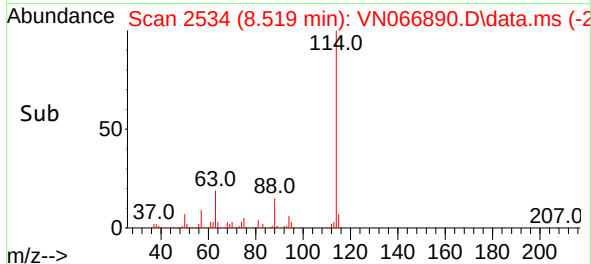
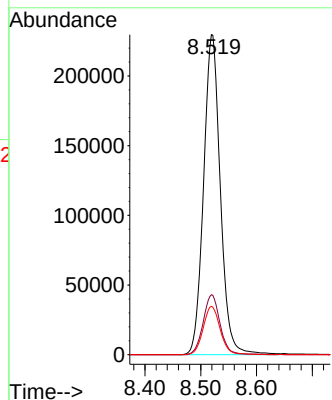
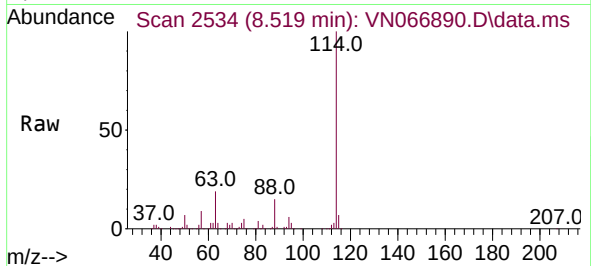




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

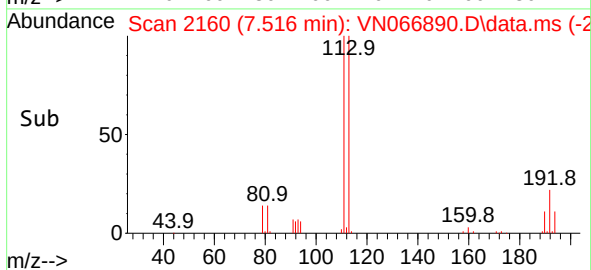
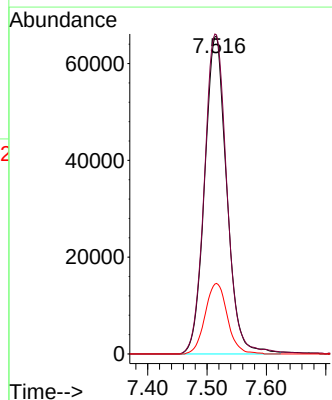
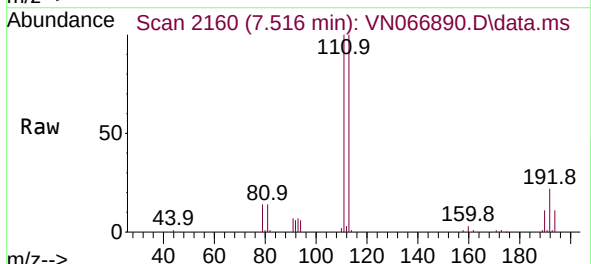
Instrument :
MSVOA_N
ClientSampleId :

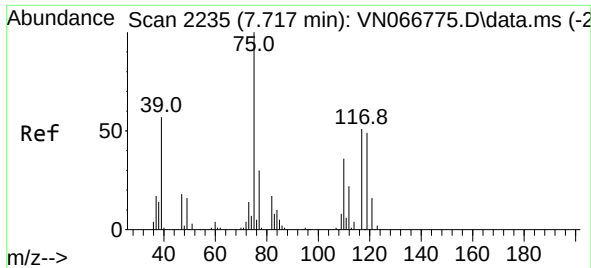
Tgt Ion:114 Resp: 479401
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.38 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Tgt Ion:113 Resp: 169790
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 22.4 15.4 23.0

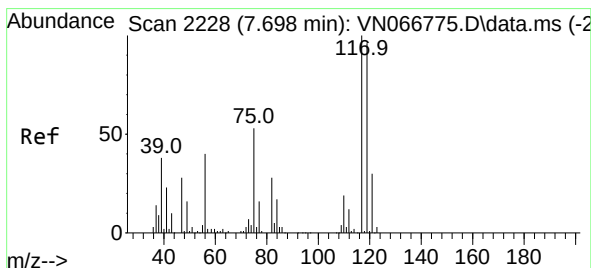
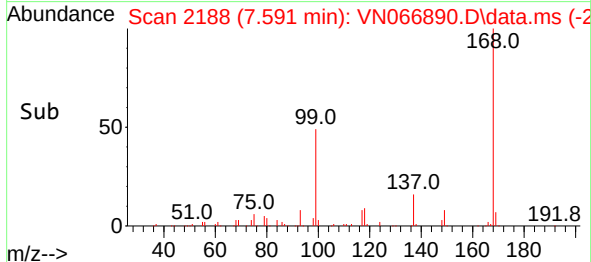
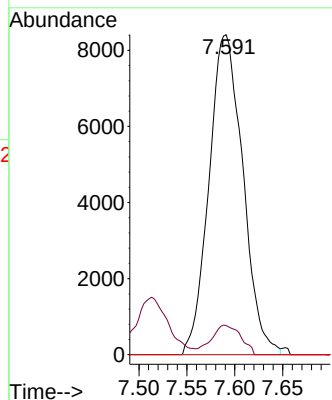
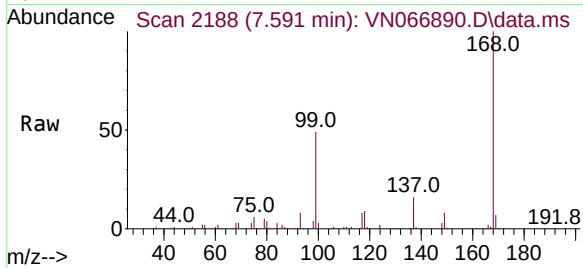




#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

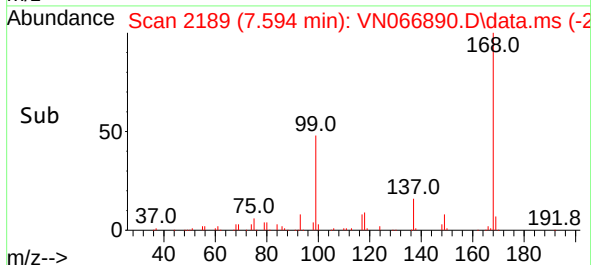
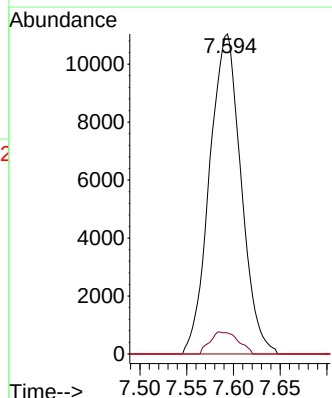
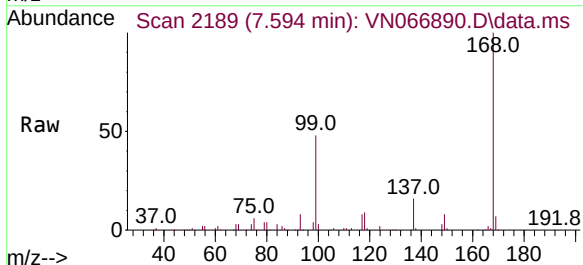
Instrument :
MSVOA_N
ClientSampled :

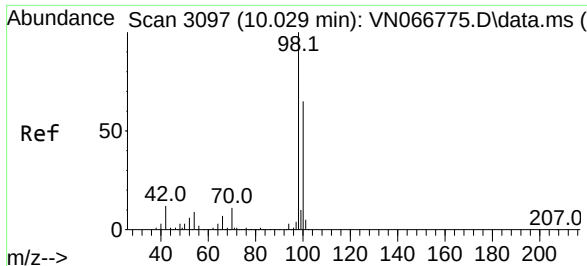
Tgt Ion: 75 Resp: 20699
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Tgt Ion: 117 Resp: 25937
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.5 36.7#

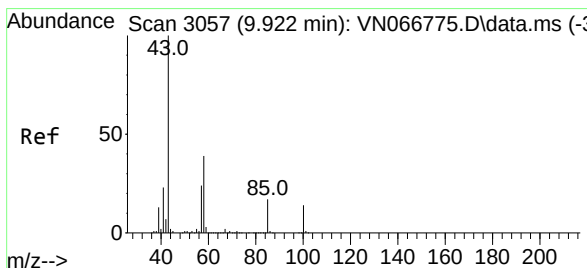
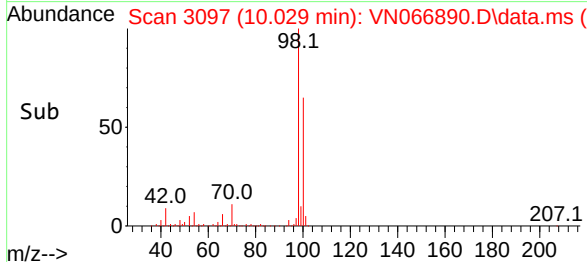
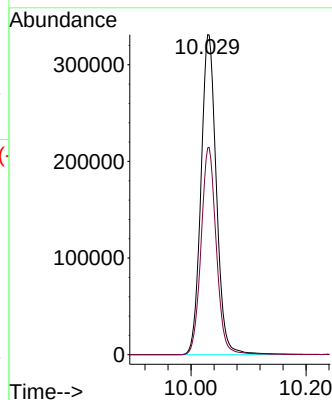
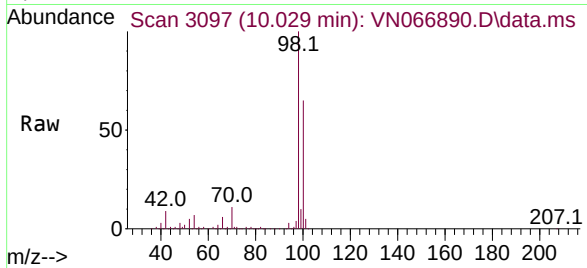




#50
Toluene-d8
Concen: 52.95 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

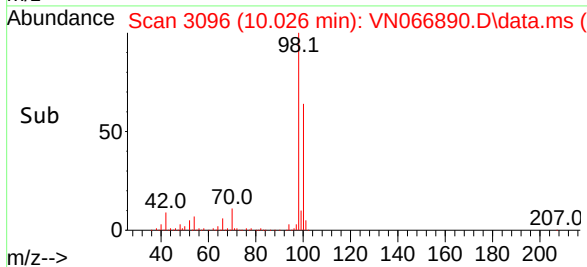
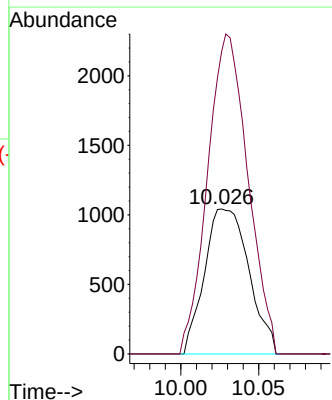
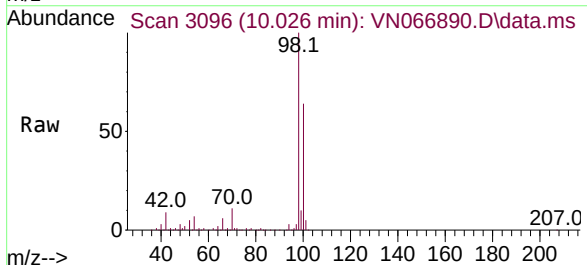
Instrument :
MSVOA_N
ClientSampled :

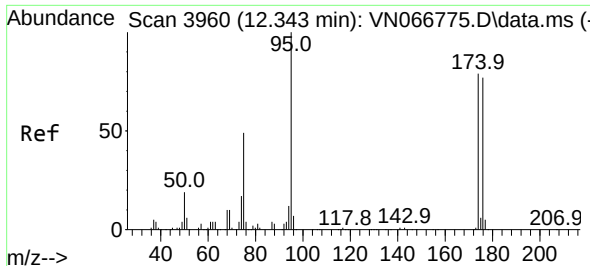
Tgt Ion: 98 Resp: 615074
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. 0.104 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 200.1 32.5 48.7#

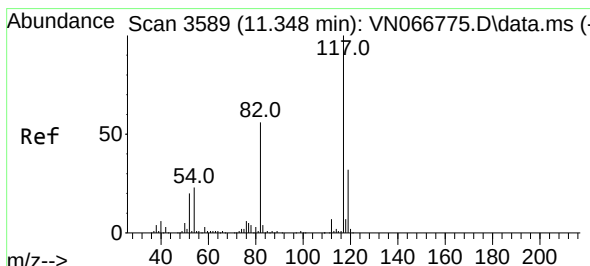
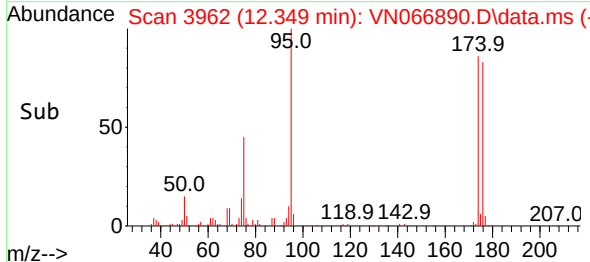
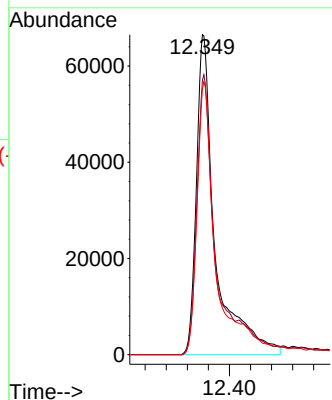
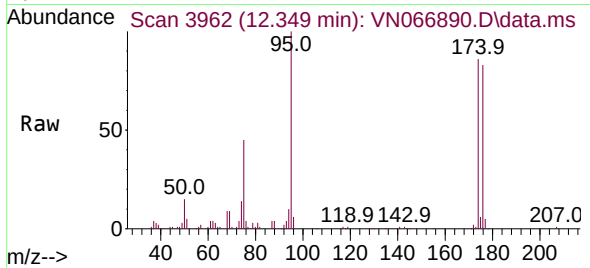




#62
4-Bromofluorobenzene
Concen: 42.31 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

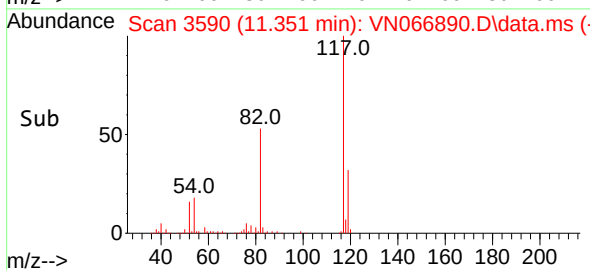
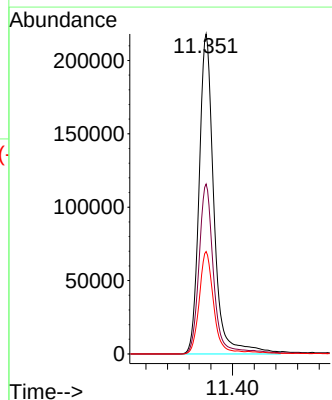
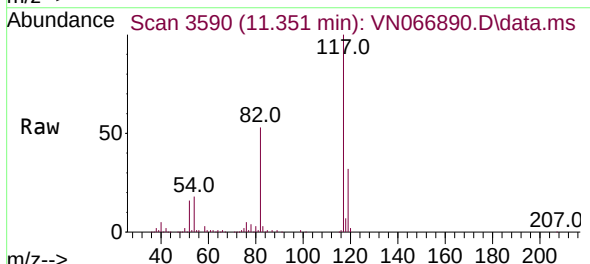
Instrument :
MSVOA_N
ClientSampleId :

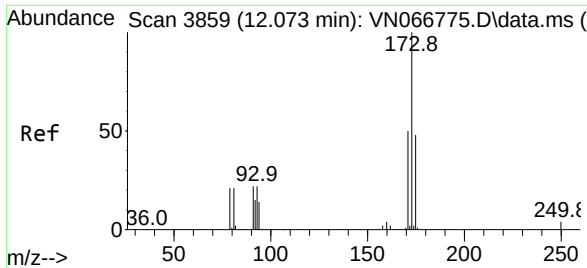
Tgt Ion: 95 Resp: 166280
Ion Ratio Lower Upper
95 100
174 77.1 0.0 169.0
176 86.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Tgt Ion: 117 Resp: 414608
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 32.0 26.1 39.1

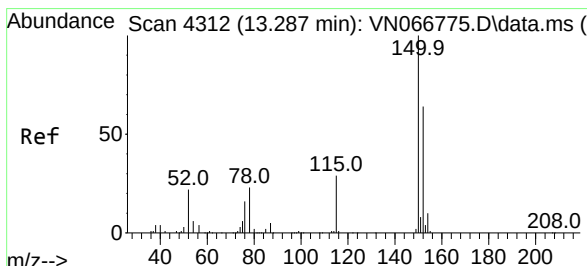
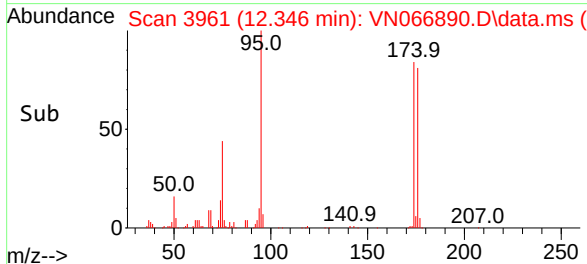
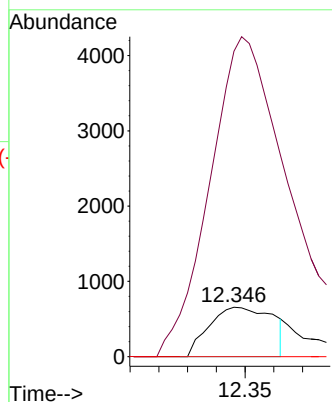
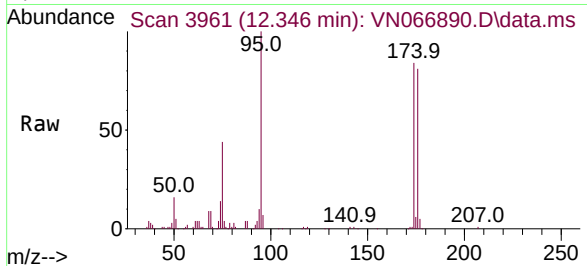




#71
Bromoform
Concen: 0.45 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

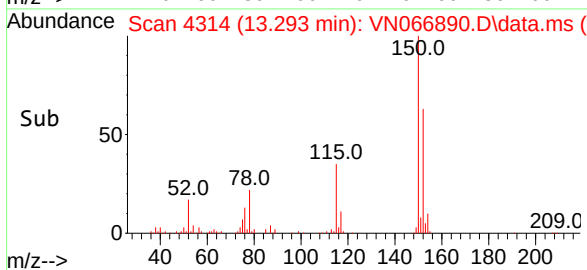
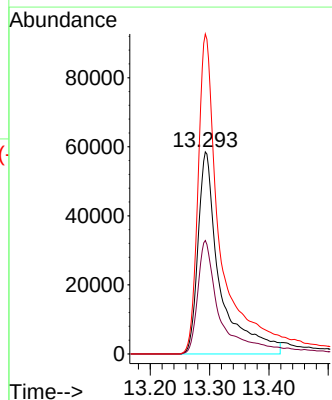
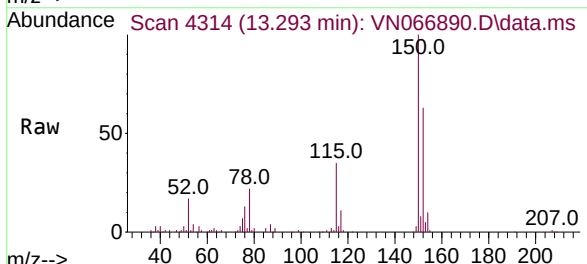
Instrument :
MSVOA_N
ClientSampled :

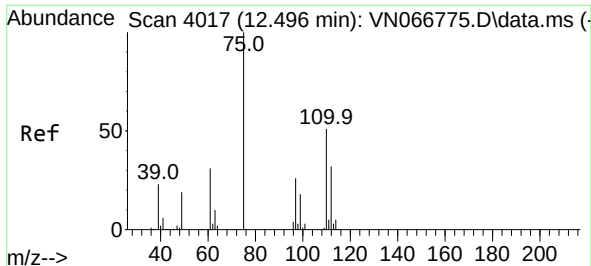
Tgt Ion:173 Resp: 1009
Ion Ratio Lower Upper
173 100
175 631.8 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Tgt Ion:152 Resp: 151005
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.6
150 171.5 0.0 347.6

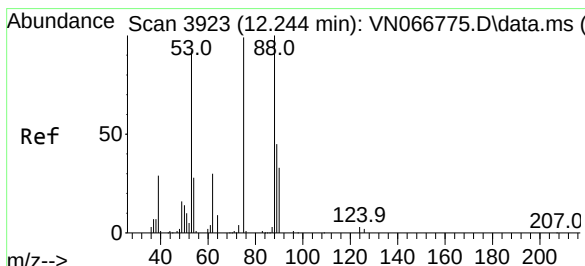
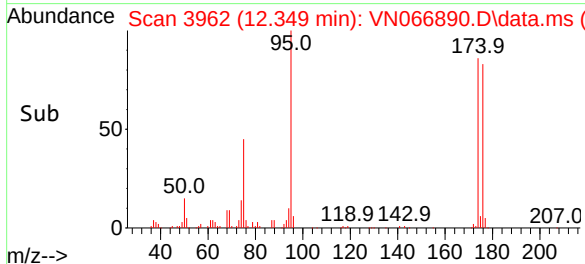
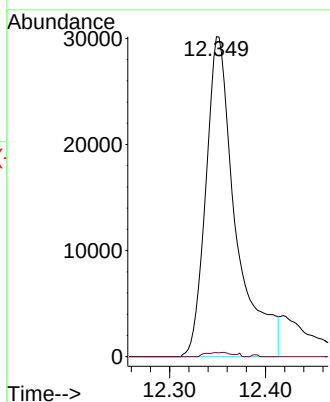
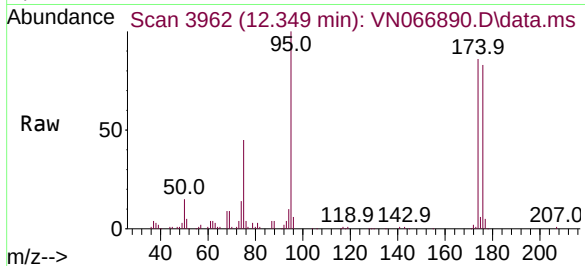




#76
1,2,3-Trichloropropane
Concen: 20.48 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 65179
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.20 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066890.D
Acq: 30 Apr 2021 3:17

Tgt Ion: 75 Resp: 65179
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

