

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077699.D
 Acq On : 16 May 2023 17:50
 Operator : JC\MD
 Sample : PB152801TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152801TB

Quant Time: May 17 04:07:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

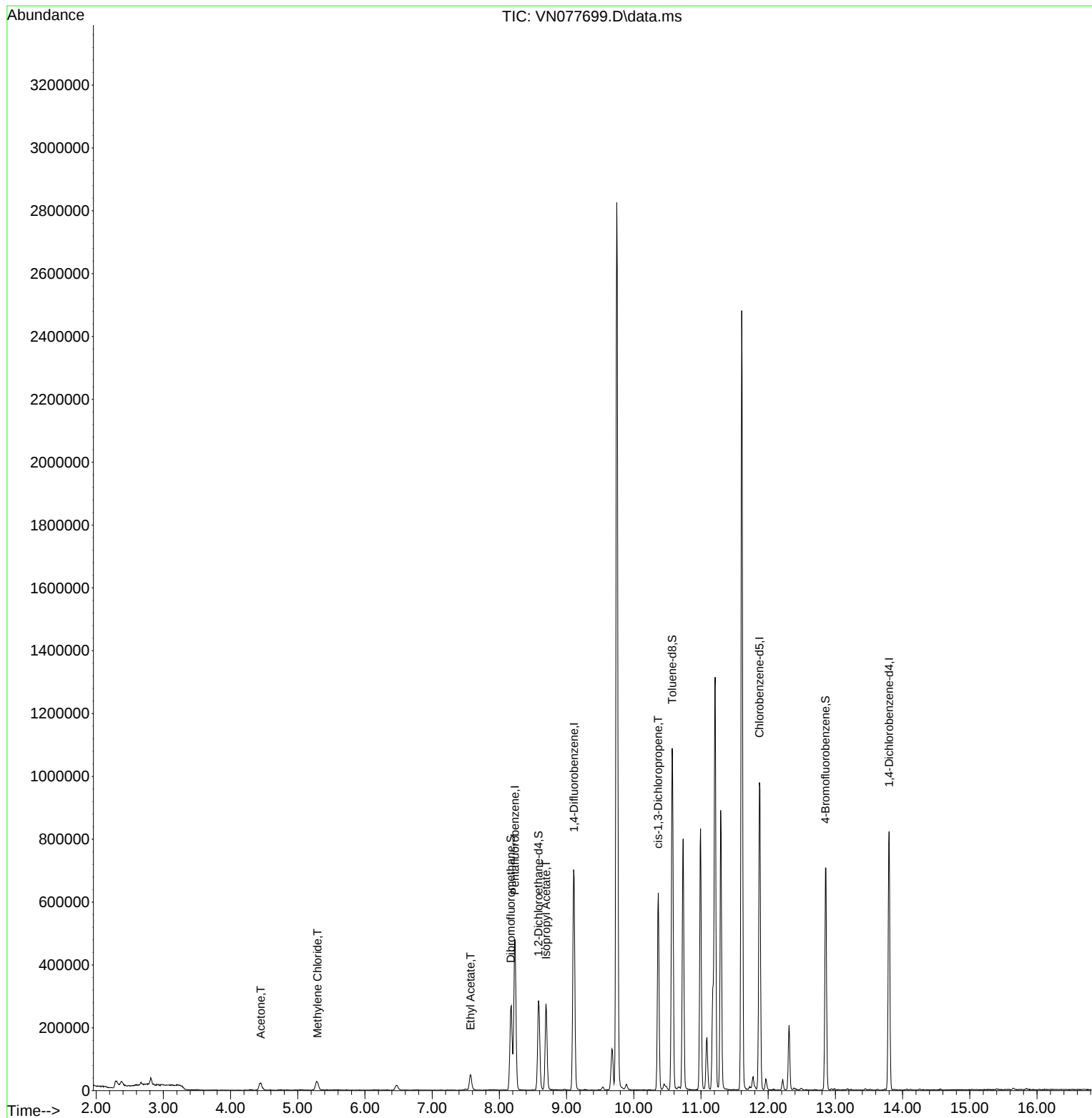
Internal Standards						
1) Pentafluorobenzene	8.229	168	337421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	618465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	574926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	217118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240980	47.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.460%		
35) Dibromofluoromethane	8.171	113	197405	48.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	10.570	98	782592	50.415	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.820%		
62) 4-Bromofluorobenzene	12.853	95	260443	47.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.000%		
Target Compounds					Qvalue	
16) Acetone	4.447	43	47541	29.930	ug/l	95
20) Methylene Chloride	5.294	84	22119	3.513	ug/l	91
37) Ethyl Acetate	7.571	43	73912m	14.058	ug/l	
43) Isopropyl Acetate	8.694	43	293454	34.171	ug/l #	86
54) cis-1,3-Dichloropropene	10.365	75	112525	15.852	ug/l #	67

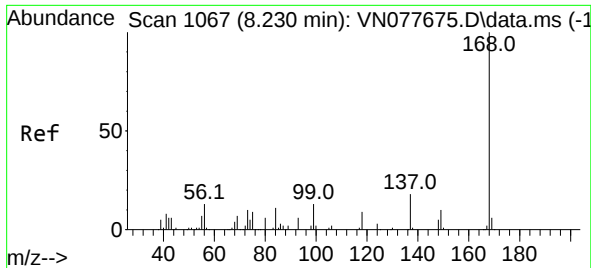
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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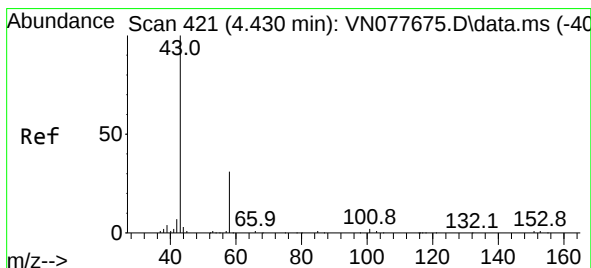
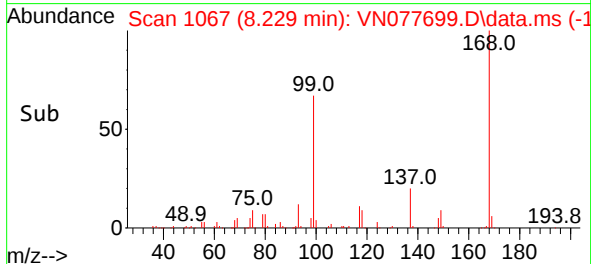
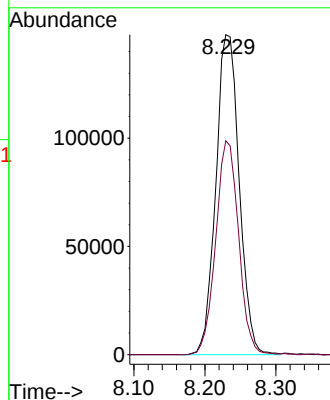
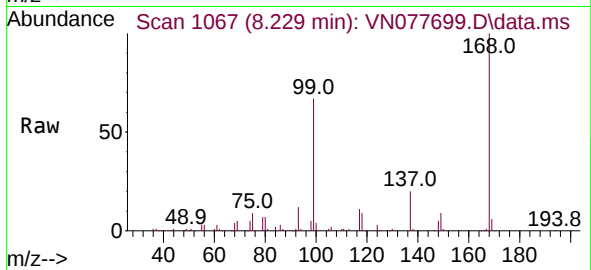




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

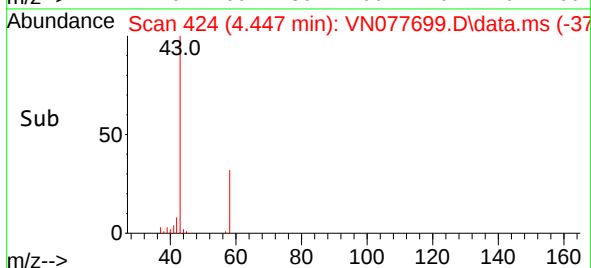
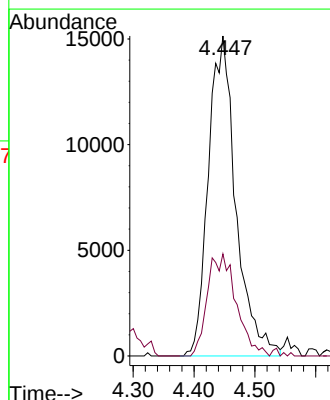
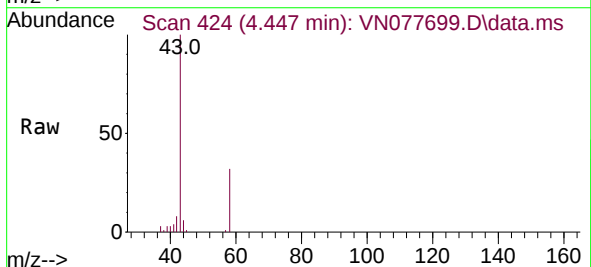
Instrument :
MSVOA_N
ClientSampleId :
PB152801TB

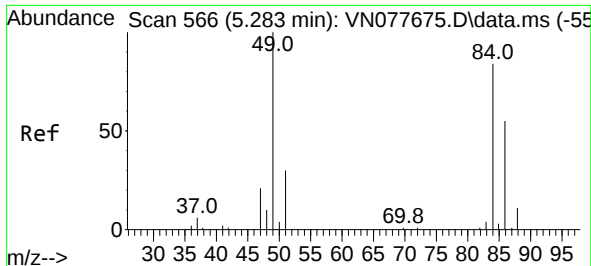
Tgt Ion:168 Resp: 337421
Ion Ratio Lower Upper
168 100
99 66.8 53.0 79.6



#16
Acetone
Concen: 29.930 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

Tgt Ion: 43 Resp: 47541
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

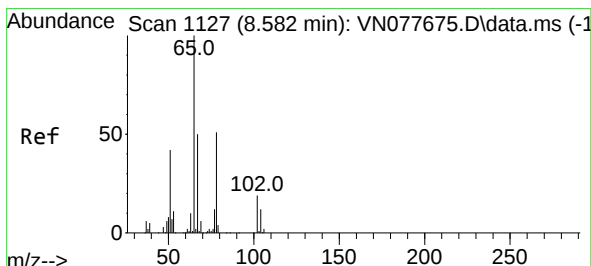
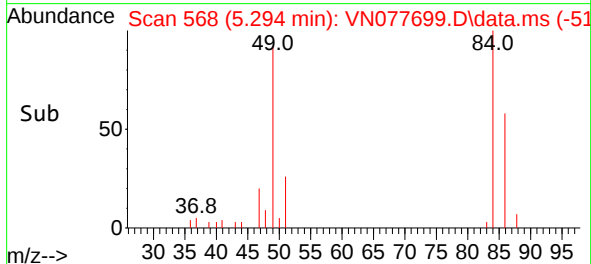
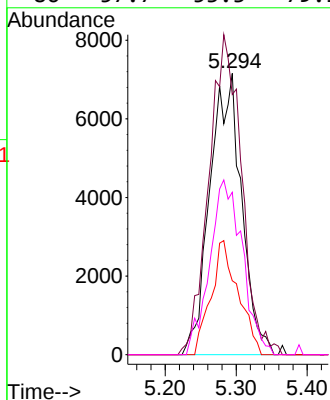
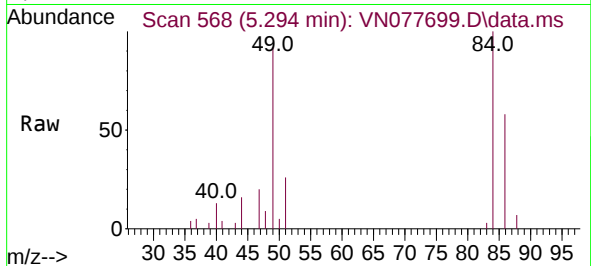




#20
Methylene Chloride
Concen: 3.513 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

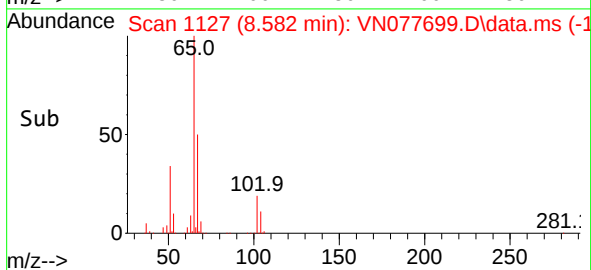
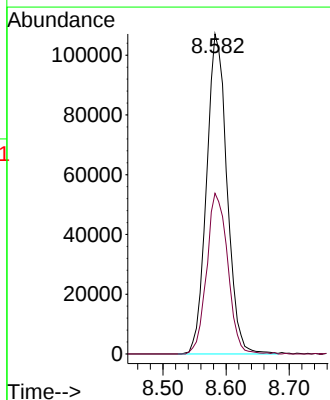
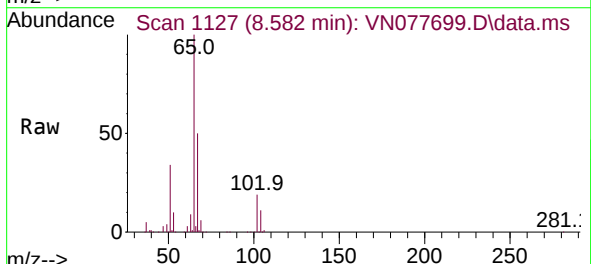
Instrument :
MSVOA_N
ClientSampleId :
PB152801TB

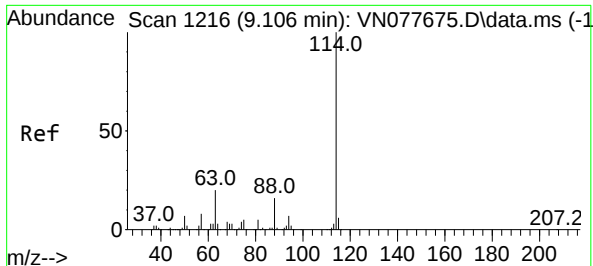
Tgt Ion: 84	Resp: 22119
Ion Ratio	Lower Upper
84 100	
49 92.5	79.7 119.5
51 26.3	25.2 37.8
86 57.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 47.731 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

Tgt Ion: 65	Resp: 240980
Ion Ratio	Lower Upper
65 100	
67 51.5	0.0 106.6

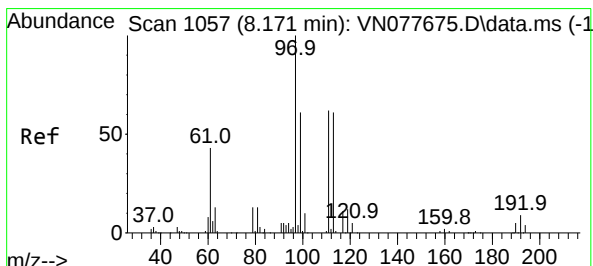
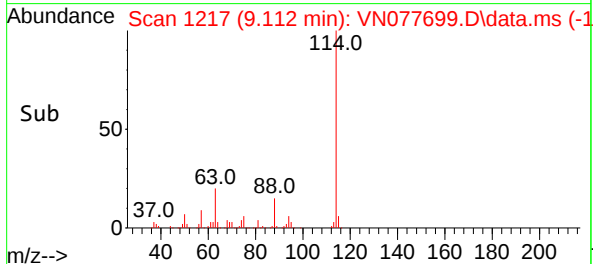
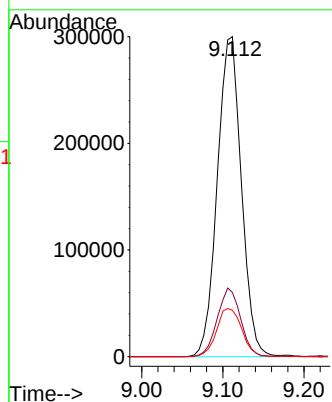
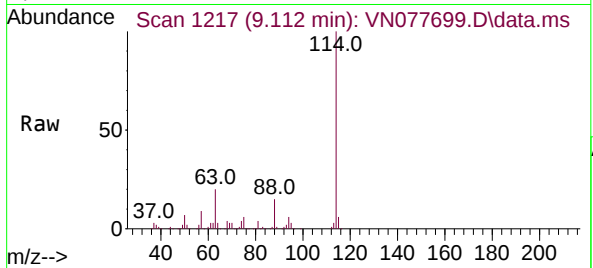




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

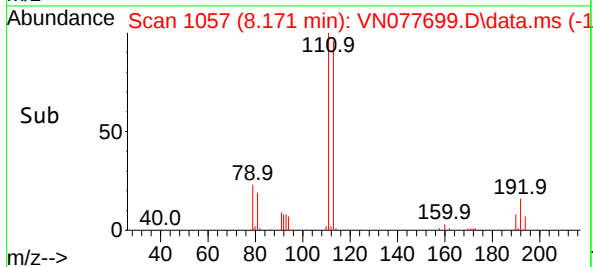
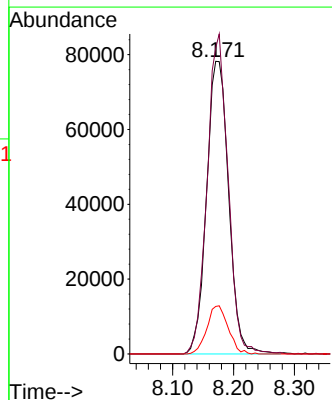
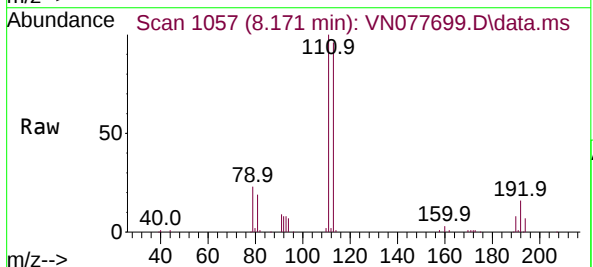
Instrument :
MSVOA_N
ClientSampleId :
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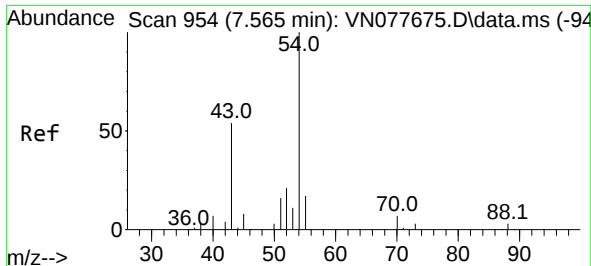
Tgt Ion:114 Resp: 618465
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.948 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

Tgt Ion:113 Resp: 197405
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 15.8 12.7 19.1

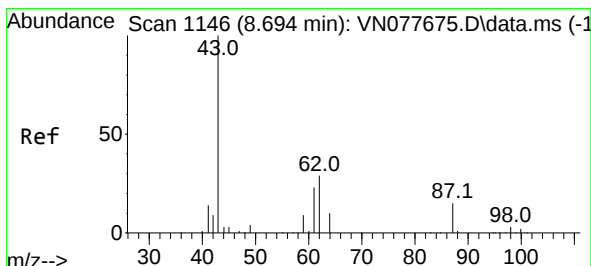
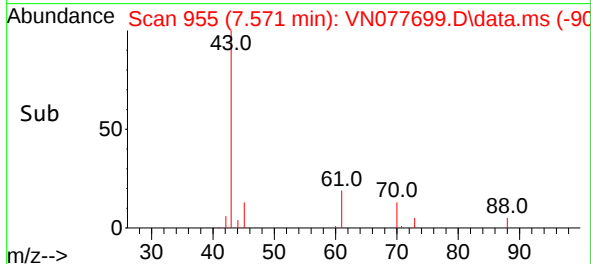
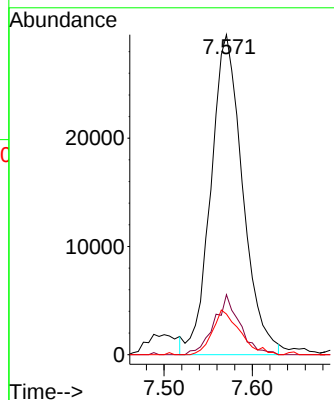
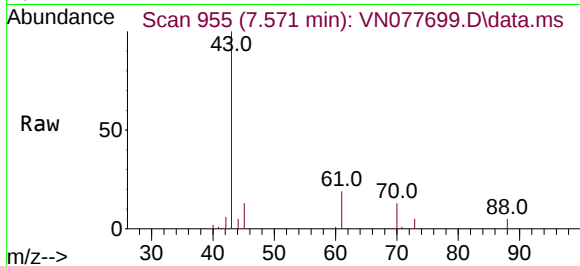




#37
Ethyl Acetate
Concen: 14.058 ug/l m
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

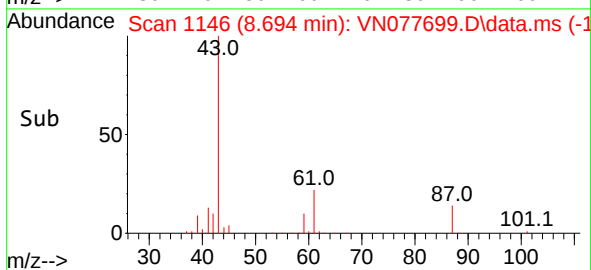
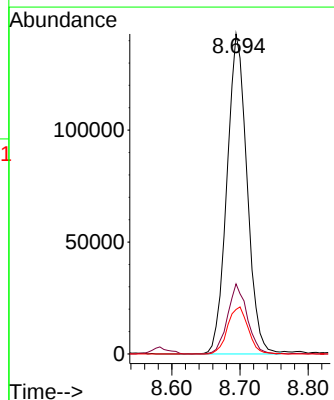
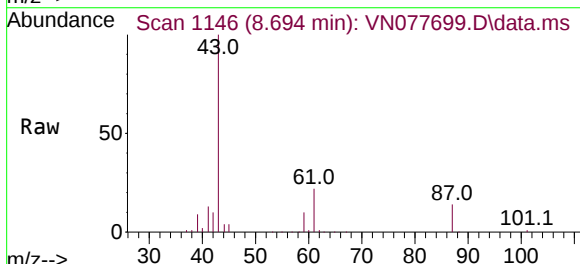
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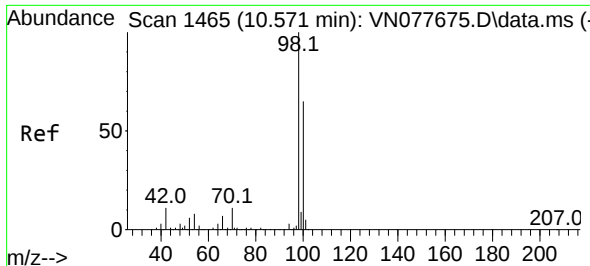
Tgt Ion: 43 Resp: 73912
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



#43
Isopropyl Acetate
Concen: 34.171 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

Tgt Ion: 43 Resp: 293454
Ion Ratio Lower Upper
43 100
61 21.3 24.7 37.1#
87 15.1 14.6 21.8

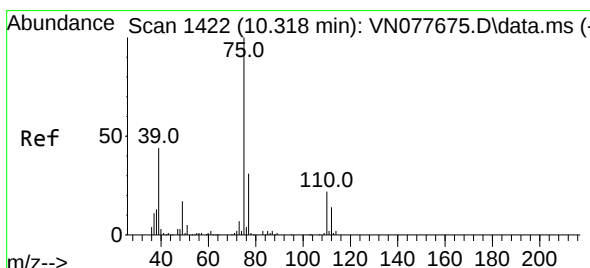
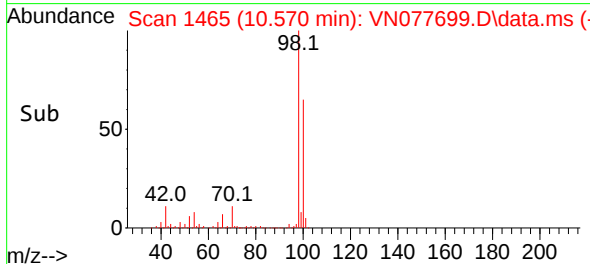
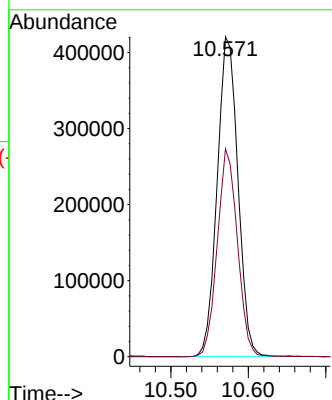
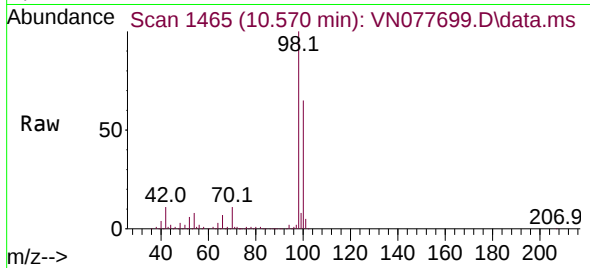




#50
Toluene-d8
Concen: 50.415 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

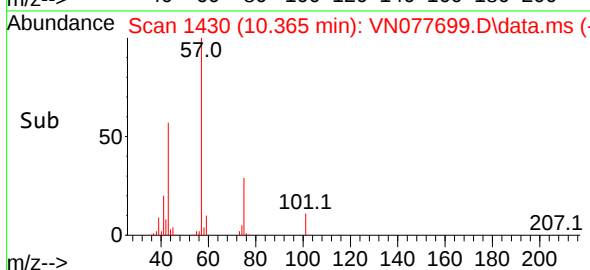
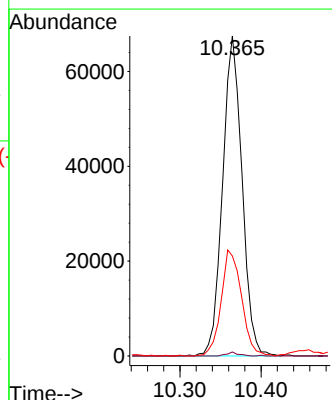
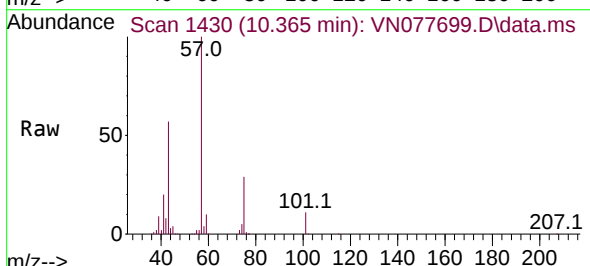
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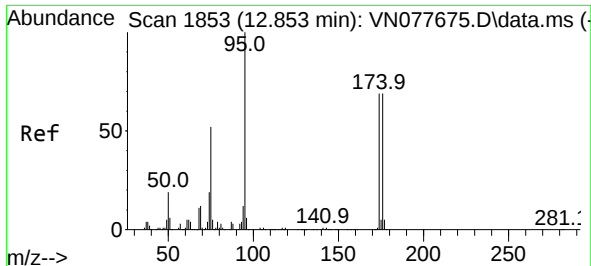
Tgt Ion: 98 Resp: 782592
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#54
cis-1,3-Dichloropropene
Concen: 15.852 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

Tgt Ion: 75 Resp: 112525
Ion Ratio Lower Upper
75 100
77 1.3 26.1 39.1#
39 31.0 31.6 47.4#

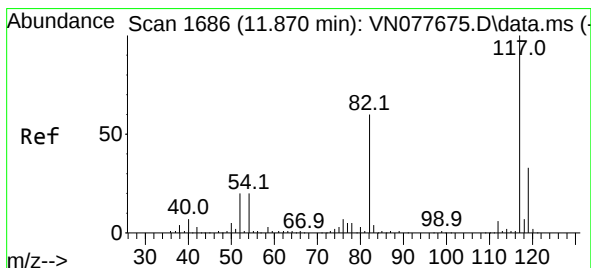
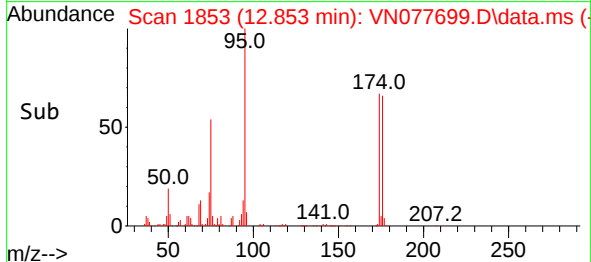
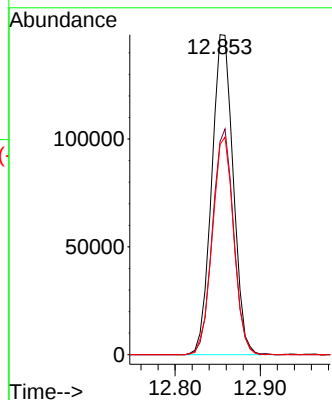
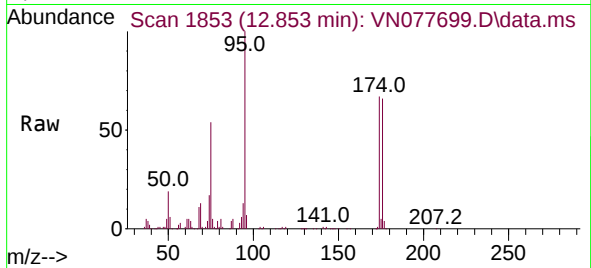




#62
4-Bromofluorobenzene
Concen: 47.505 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

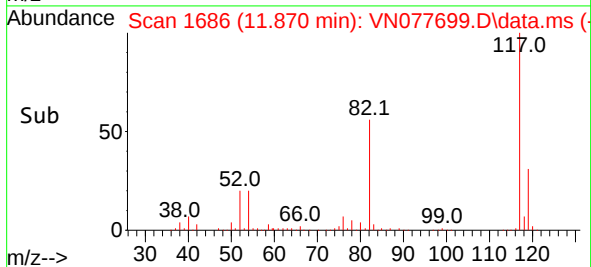
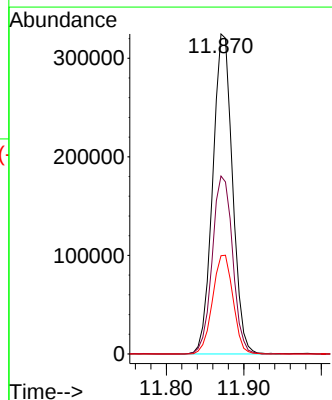
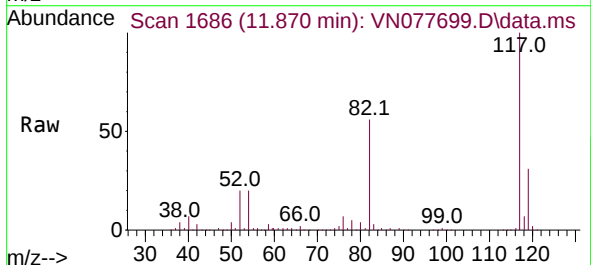
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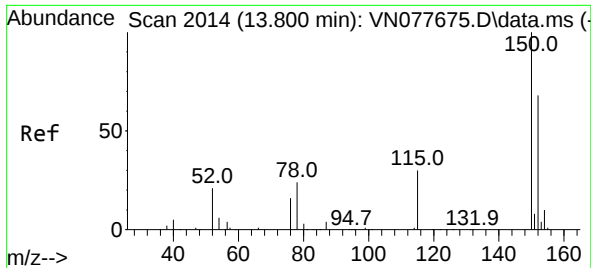
Tgt Ion: 95 Resp: 260443
Ion Ratio Lower Upper
95 100
174 69.2 0.0 143.8
176 67.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077699.D
Acq: 16 May 2023 17:50

Tgt Ion: 117 Resp: 574926
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 30.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077699.D
 Acq: 16 May 2023 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152801TB

Tgt Ion:152 Resp: 217118
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.3 96.8
 150 156.4 0.0 355.8

