

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077336.D
 Acq On : 13 Apr 2023 18:17
 Operator : JC\MD
 Sample : PB152089TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152089TB

Quant Time: Apr 14 07:25:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

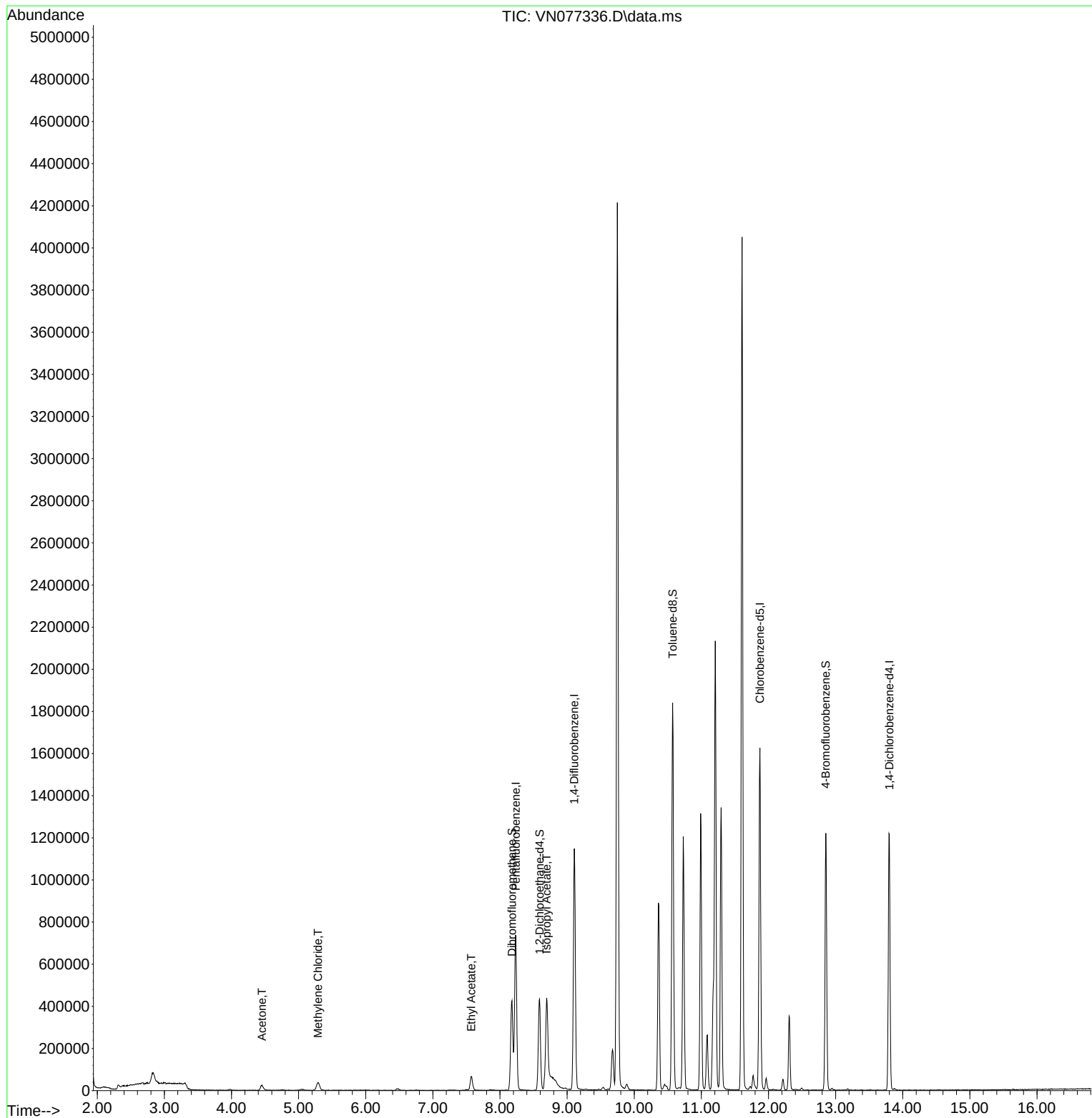
Internal Standards						
1) Pentafluorobenzene	8.236	168	535302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1033921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	974331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	335385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	336430	45.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.960%		
35) Dibromofluoromethane	8.178	113	306630	46.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	10.572	98	1312551	49.260	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.854	95	425213	47.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.960%		
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	45415	16.836	ug/l	94
20) Methylene Chloride	5.290	84	33462	4.392	ug/l	95
37) Ethyl Acetate	7.572	43	97670	11.151	ug/l	98
43) Isopropyl Acetate	8.695	43	568505	35.176	ug/l #	82

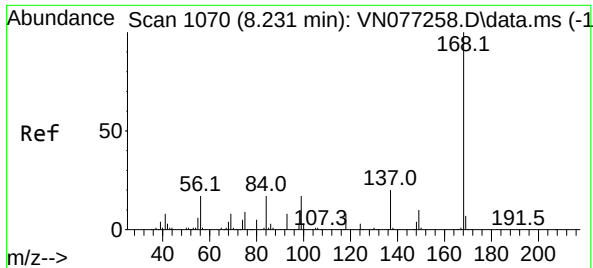
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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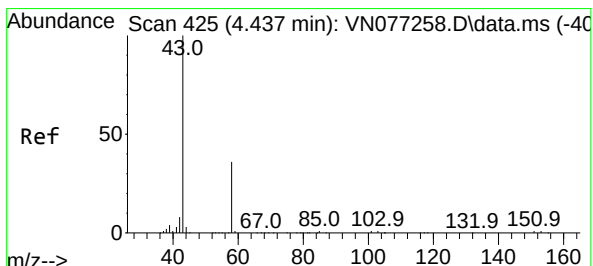
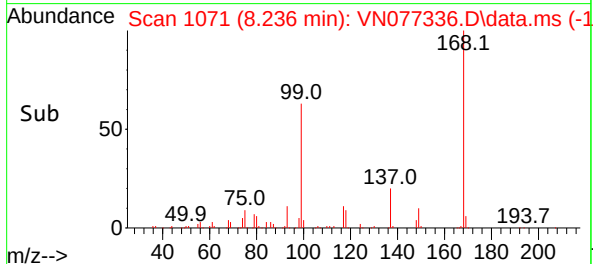
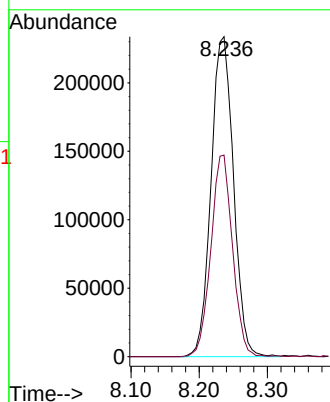
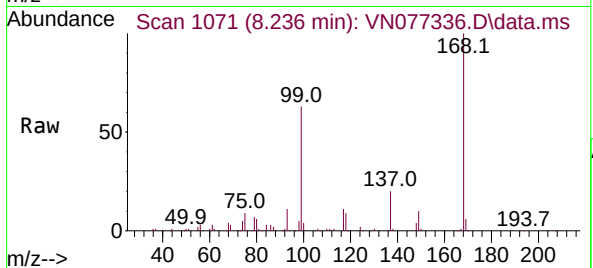




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

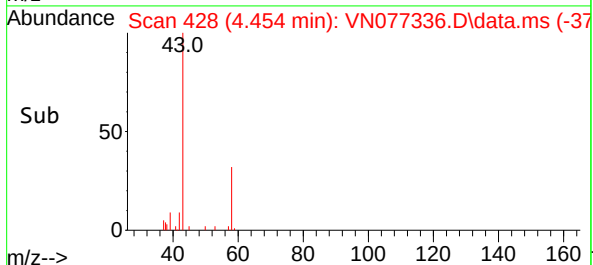
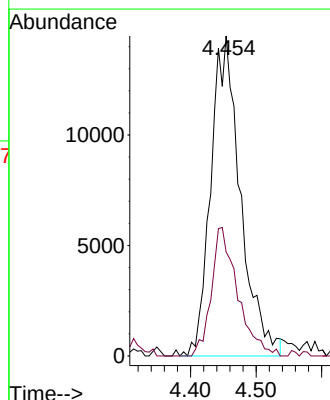
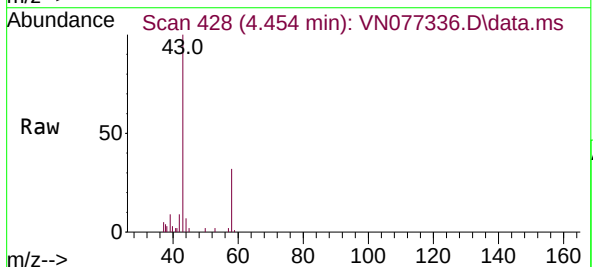
Instrument :
MSVOA_N
ClientSampleId :
PB152089TB

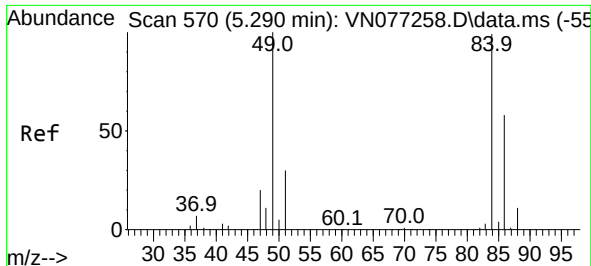
Tgt Ion:168 Resp: 535302
Ion Ratio Lower Upper
168 100
99 63.0 50.6 75.8



#16
Acetone
Concen: 16.836 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

Tgt Ion: 43 Resp: 45415
Ion Ratio Lower Upper
43 100
58 32.5 29.0 43.6

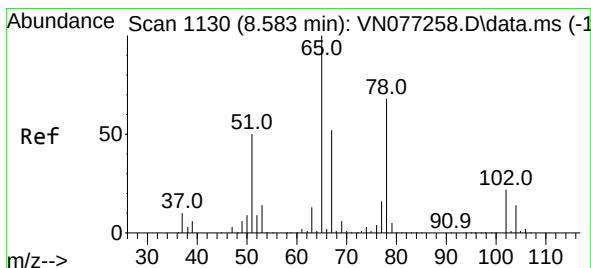
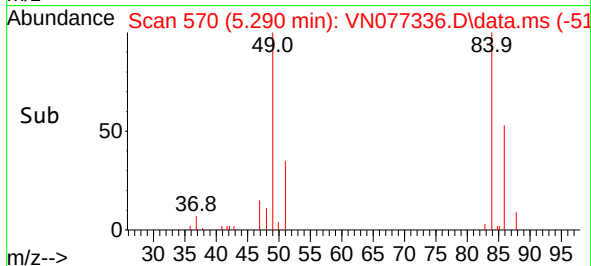
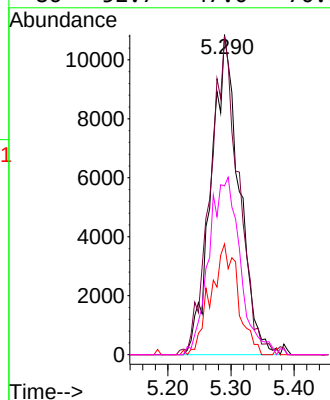
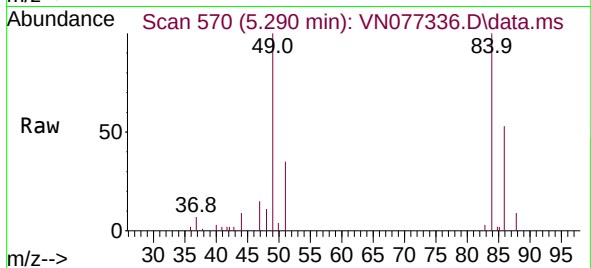




#20
Methylene Chloride
Concen: 4.392 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

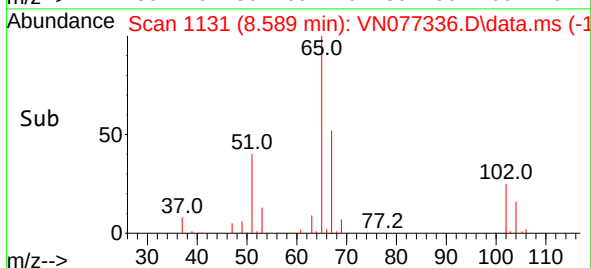
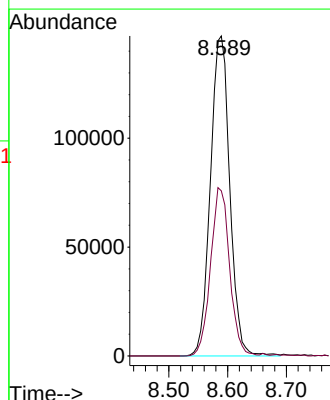
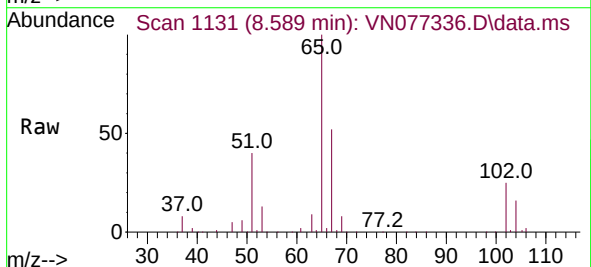
Instrument :
MSVOA_N
ClientSampleId :
PB152089TB

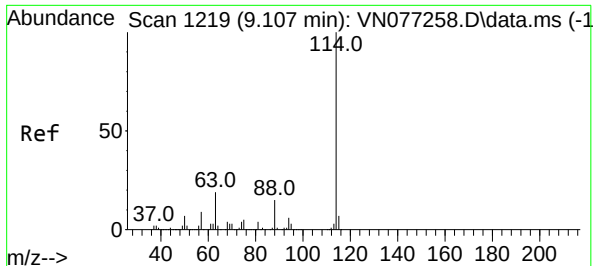
Tgt Ion: 84	Resp: 33462
Ion Ratio	Lower Upper
84 100	
49 98.1	80.6 121.0
51 34.6	24.4 36.6
86 52.7	47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 45.984 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

Tgt Ion: 65	Resp: 336430
Ion Ratio	Lower Upper
65 100	
67 51.7	0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077336.D

Acq: 13 Apr 2023 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB152089TB

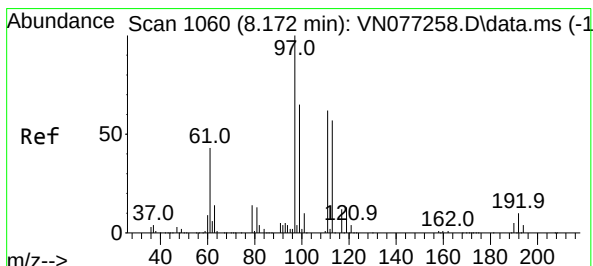
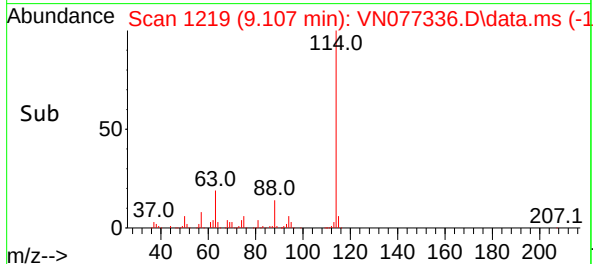
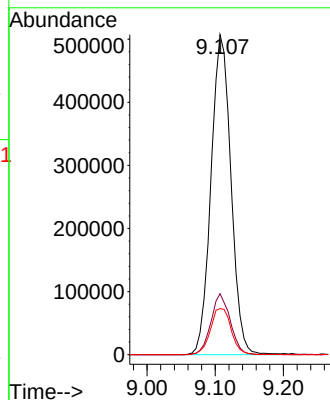
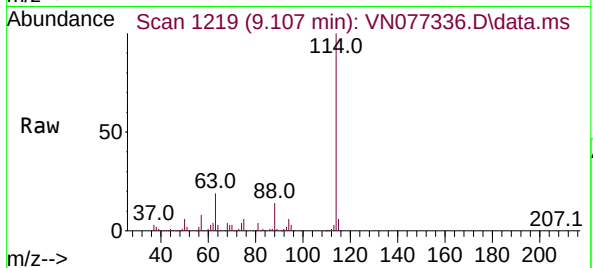
Tgt Ion:114 Resp: 1033921

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.8

88 14.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.327 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077336.D

Acq: 13 Apr 2023 18:17

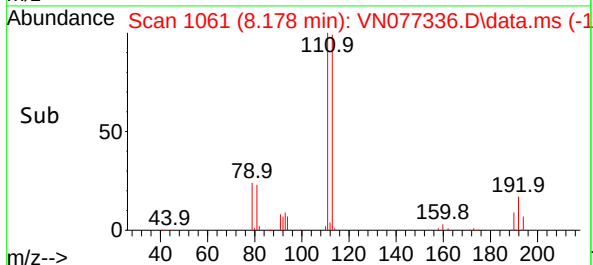
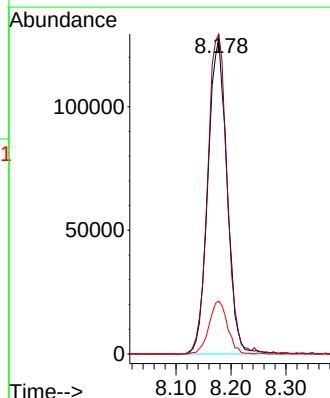
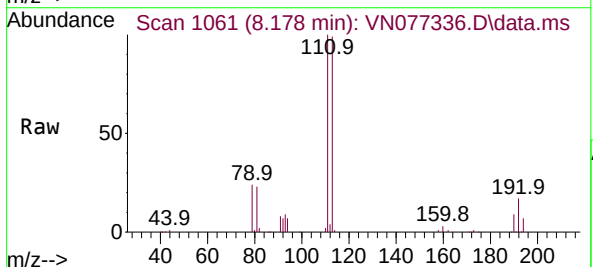
Tgt Ion:113 Resp: 306630

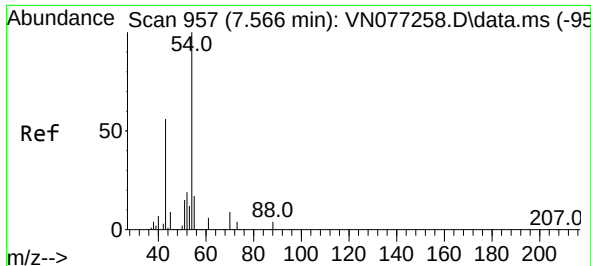
Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.0

192 16.3 13.5 20.3

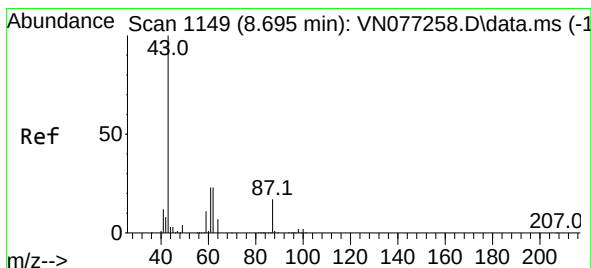
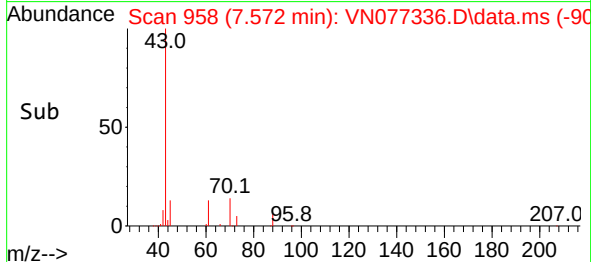
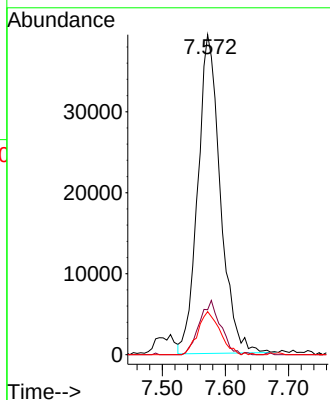
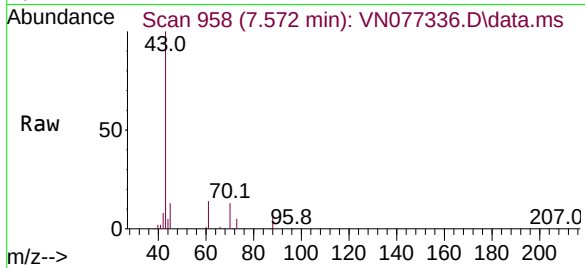




#37
Ethyl Acetate
Concen: 11.151 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

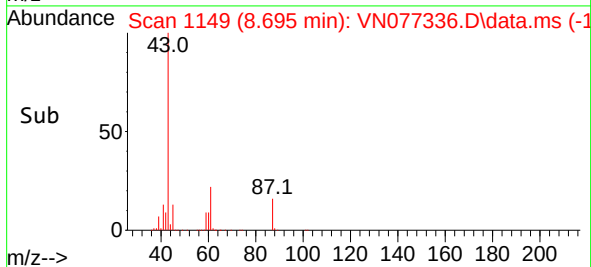
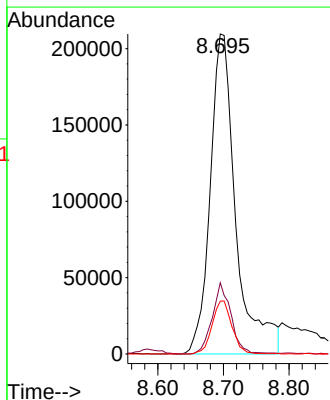
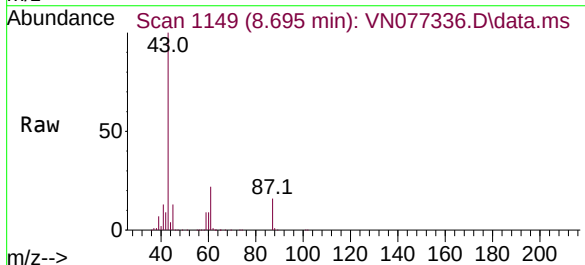
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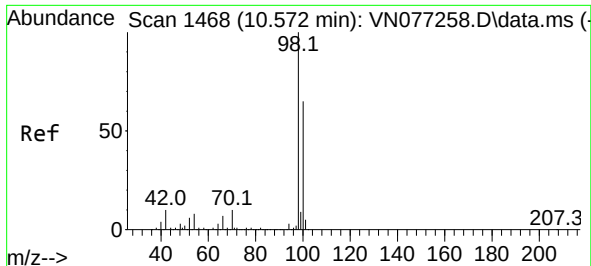
Tgt Ion: 43 Resp: 97670
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.2
70 13.1 10.0 15.0



#43
Isopropyl Acetate
Concen: 35.176 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

Tgt Ion: 43 Resp: 568505
Ion Ratio Lower Upper
43 100
61 16.4 22.7 34.1#
87 12.8 13.6 20.4#

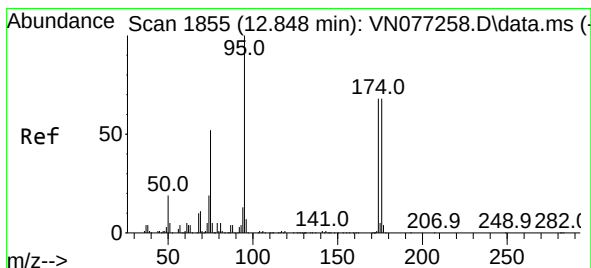
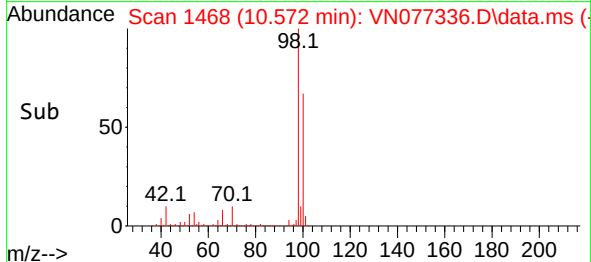
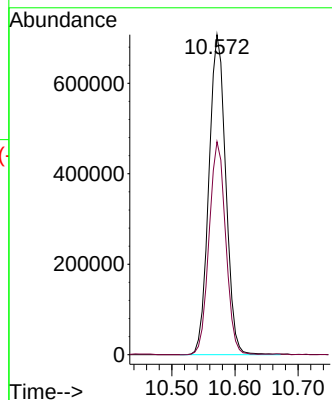
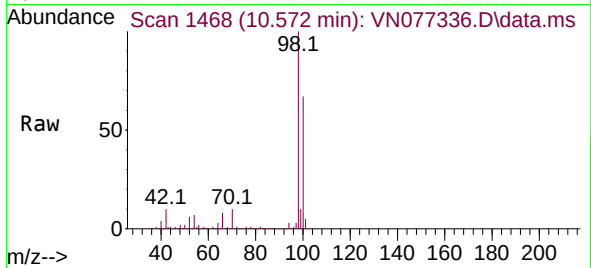




#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

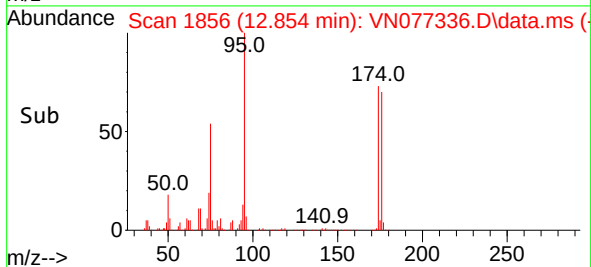
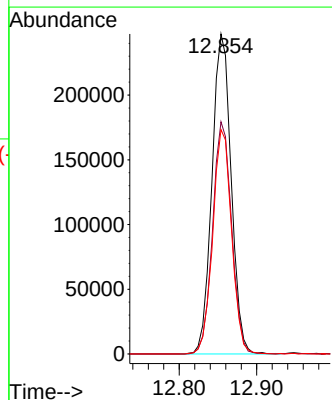
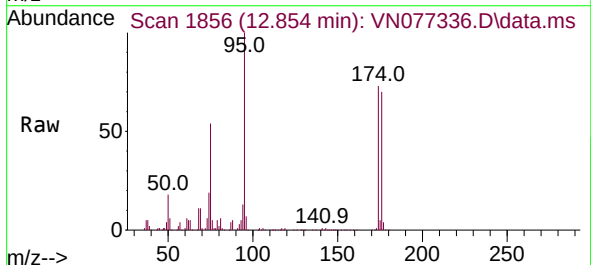
Instrument :
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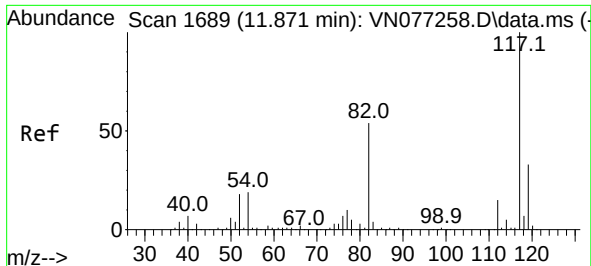
Tgt Ion: 98 Resp: 1312551
Ion Ratio Lower Upper
98 100
100 65.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.982 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

Tgt Ion: 95 Resp: 425213
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.8
176 68.9 0.0 139.6

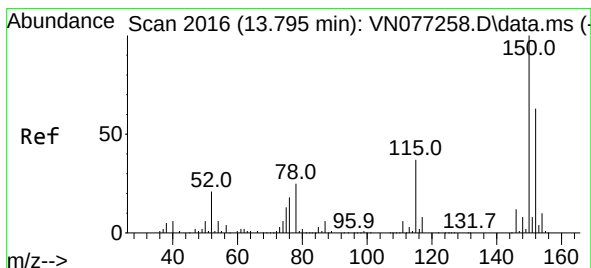
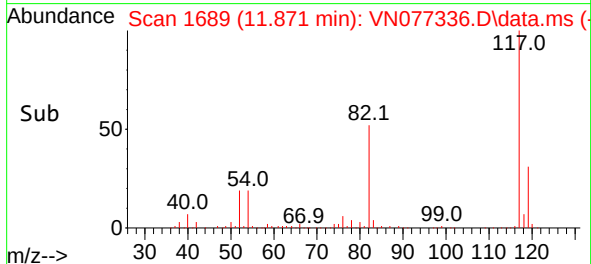
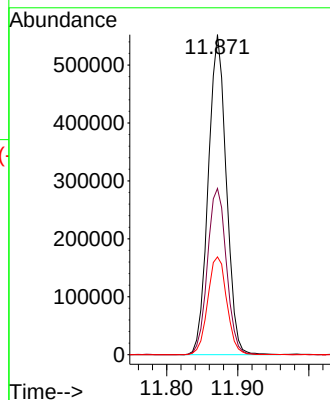
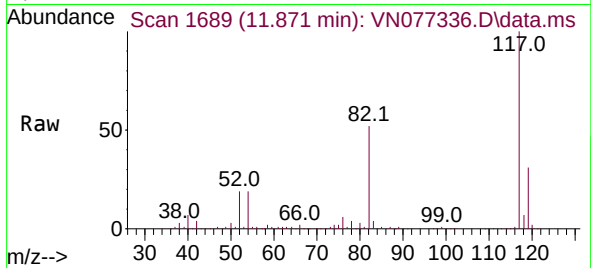




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

Instrument :
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Tgt Ion:117 Resp: 974331
Ion Ratio Lower Upper
117 100
82 51.9 42.9 64.3
119 30.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN077336.D
Acq: 13 Apr 2023 18:17

Tgt Ion:152 Resp: 335385
Ion Ratio Lower Upper
152 100
115 62.1 32.1 96.3
150 154.9 0.0 354.8

