

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077321.D
 Acq On : 13 Apr 2023 12:10
 Operator : JC\MD
 Sample : PB152070TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152070TB

Quant Time: Apr 14 07:23:17 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)

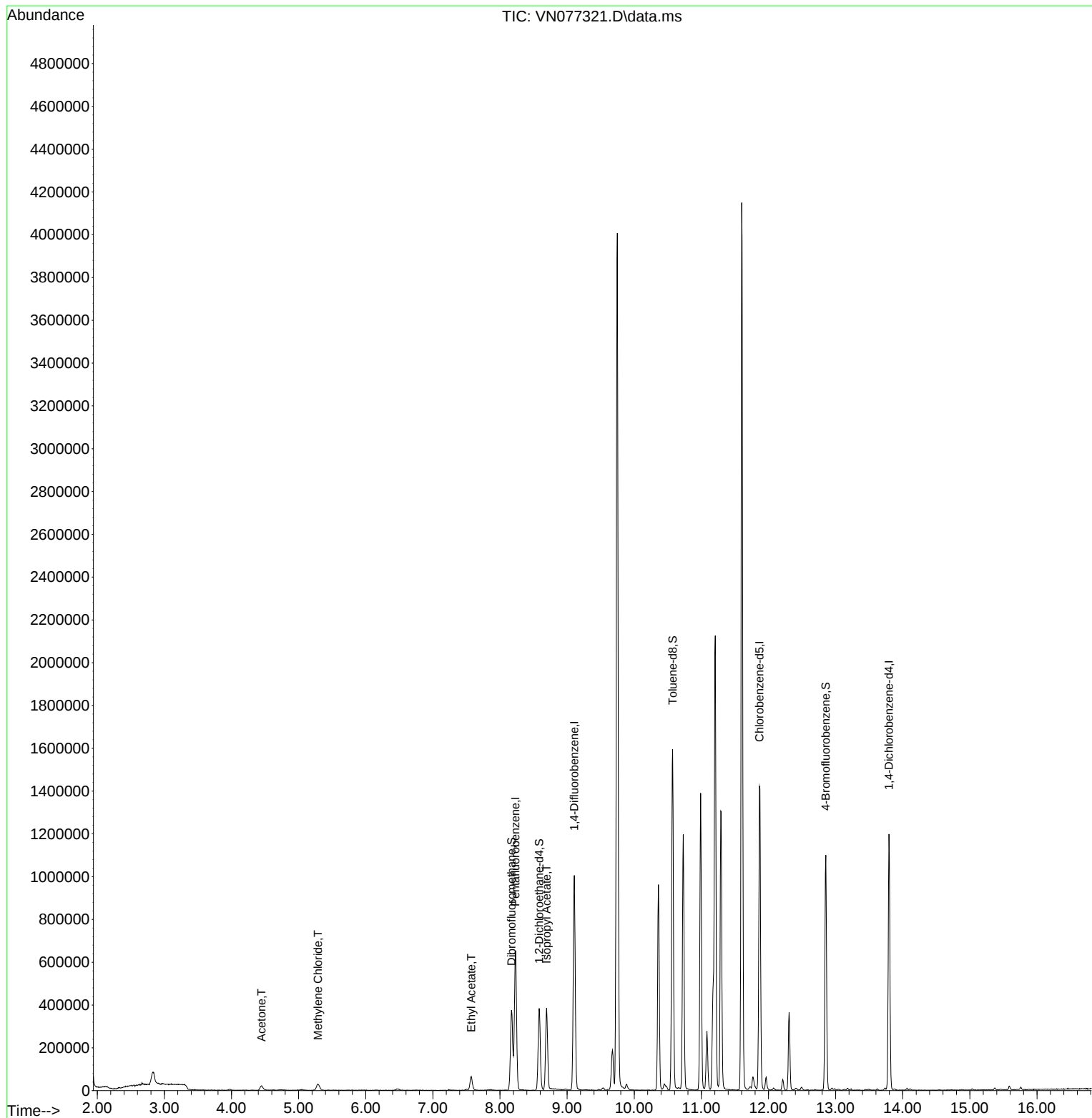
Internal Standards						
1) Pentafluorobenzene	8.231	168	470075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	904192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	864092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	314597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	295002	45.917	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.840%		
35) Dibromofluoromethane	8.172	113	269921	46.632	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.260%		
50) Toluene-d8	10.572	98	1153284	49.493	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.980%		
62) 4-Bromofluorobenzene	12.854	95	387595	50.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.020%		
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	40644	17.158	ug/l	94
20) Methylene Chloride	5.290	84	25745	3.848	ug/l	93
37) Ethyl Acetate	7.572	43	90215	11.778	ug/l	95
43) Isopropyl Acetate	8.695	43	421011	29.787	ug/l #	93

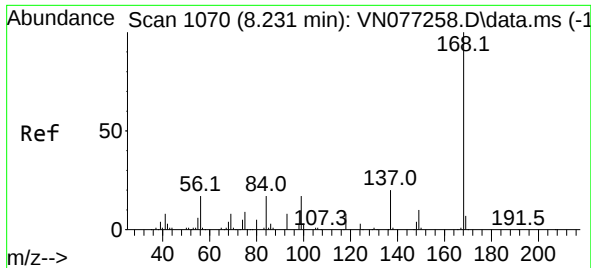
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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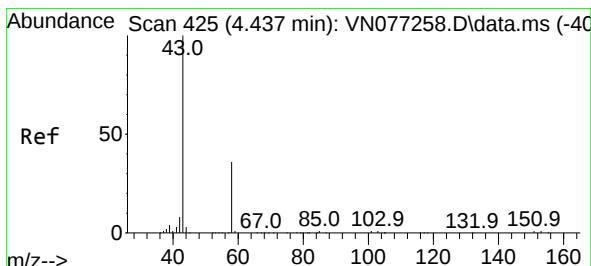
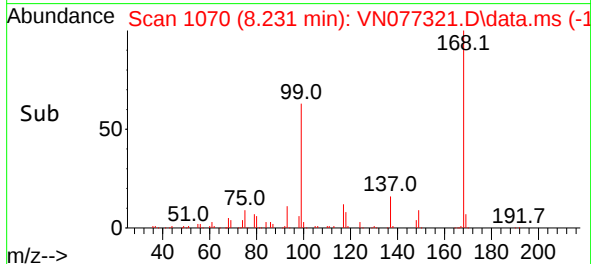
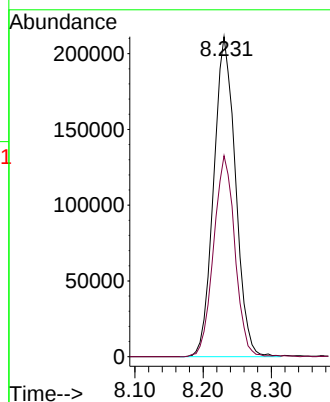
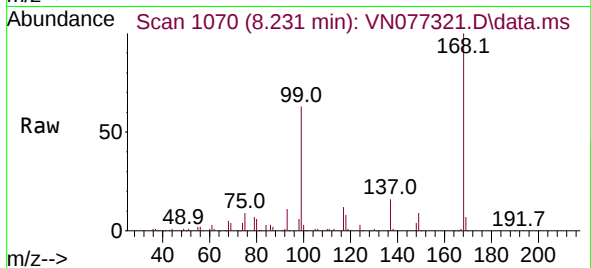




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

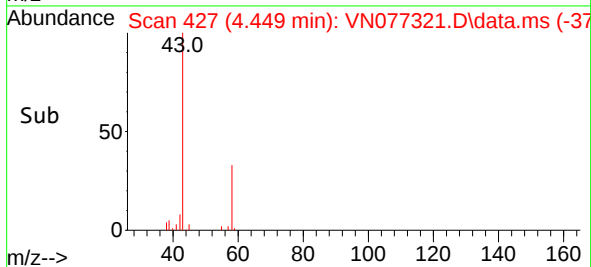
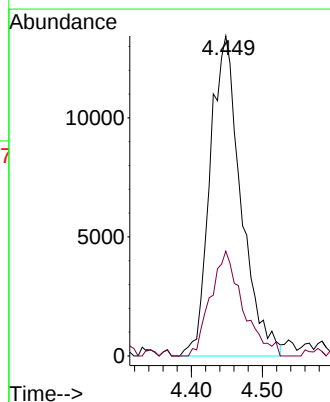
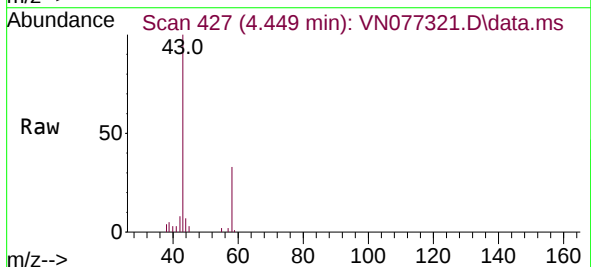
Instrument :
MSVOA_N
ClientSampleId :
PB152070TB

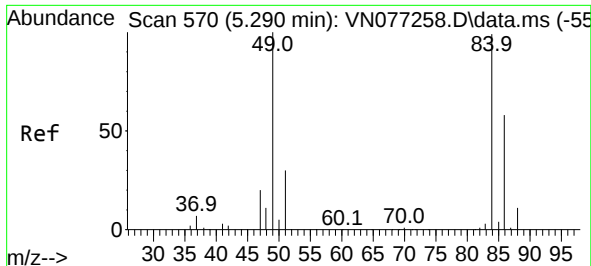
Tgt Ion:168 Resp: 470075
Ion Ratio Lower Upper
168 100
99 62.8 50.6 75.8



#16
Acetone
Concen: 17.158 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

Tgt Ion: 43 Resp: 40644
Ion Ratio Lower Upper
43 100
58 32.8 29.0 43.6

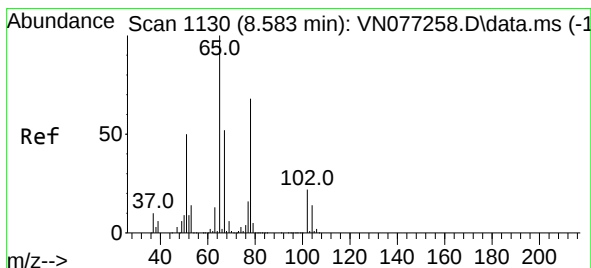
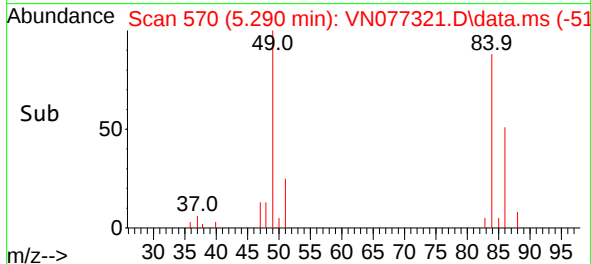
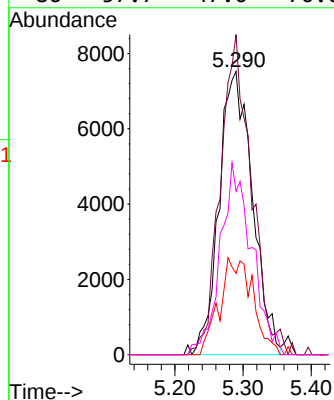
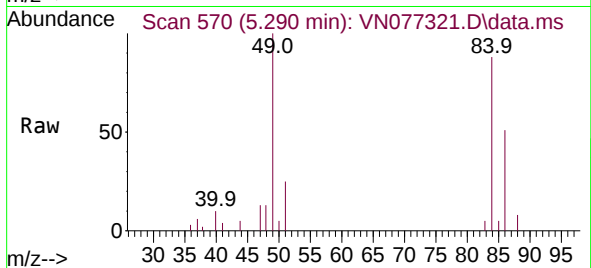




#20
Methylene Chloride
Concen: 3.848 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

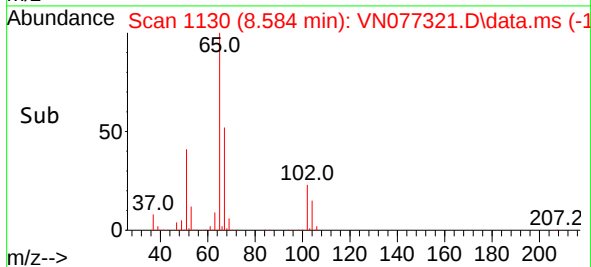
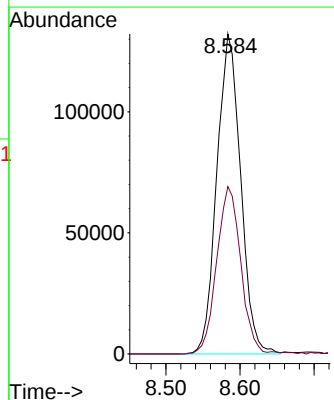
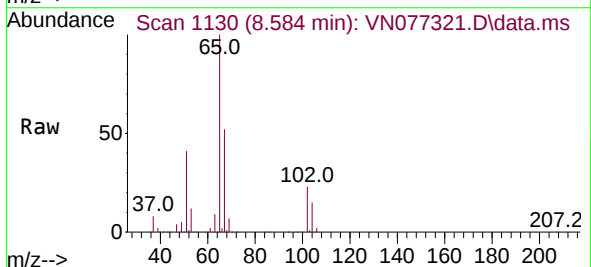
Instrument :
MSVOA_N
ClientSampleId :
PB152070TB

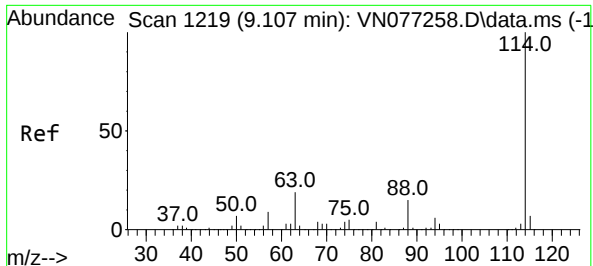
Tgt Ion:	84	Resp:	25745
Ion	Ratio	Lower	Upper
84	100		
49	113.0	80.6	121.0
51	28.7	24.4	36.6
86	57.7	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 45.917 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

Tgt Ion:	65	Resp:	295002
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077321.D

Acq: 13 Apr 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

PB152070TB

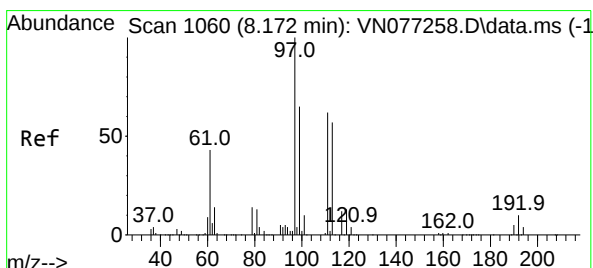
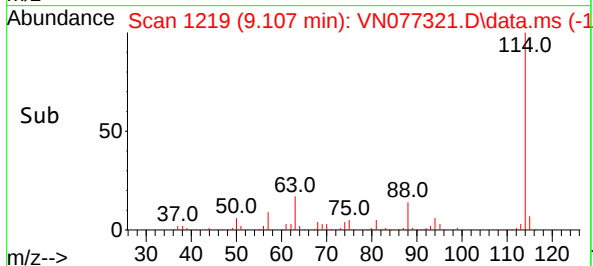
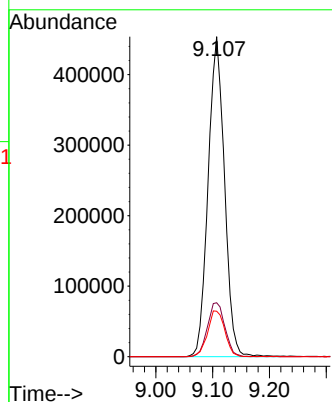
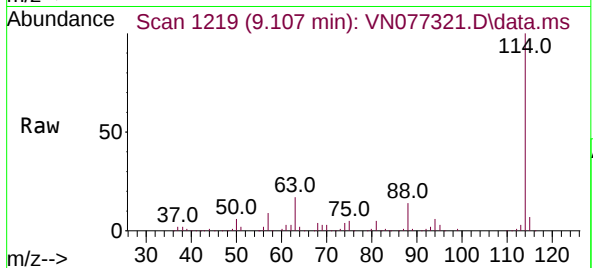
Tgt Ion:114 Resp: 904192

Ion Ratio Lower Upper

114 100

63 16.8 0.0 37.8

88 14.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.632 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077321.D

Acq: 13 Apr 2023 12:10

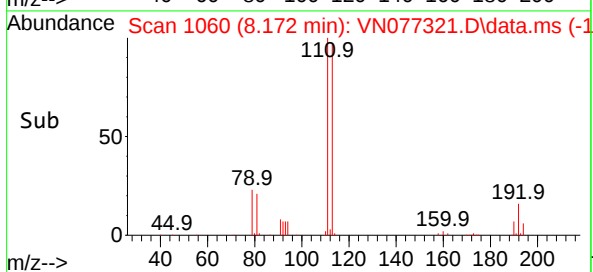
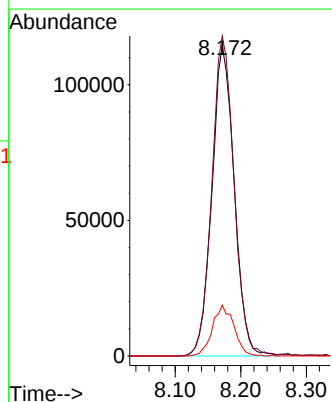
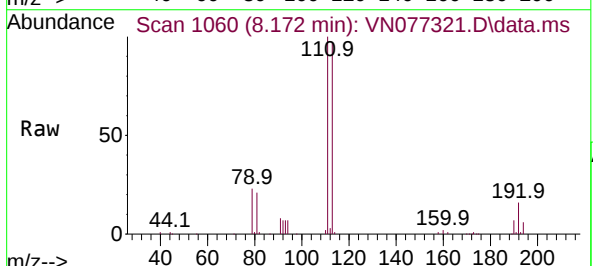
Tgt Ion:113 Resp: 269921

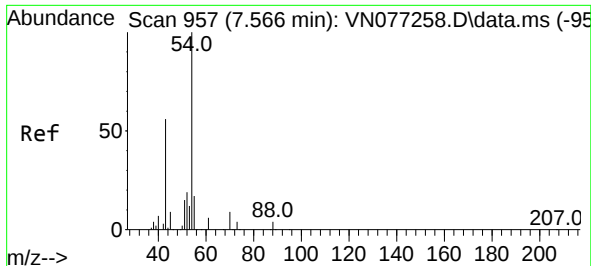
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.0

192 15.8 13.5 20.3

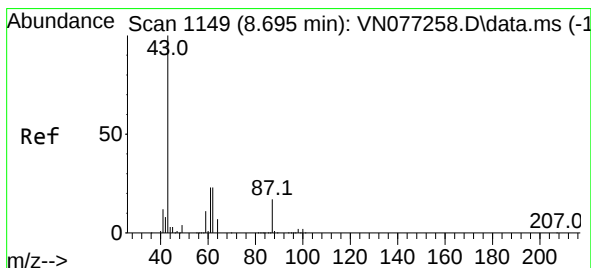
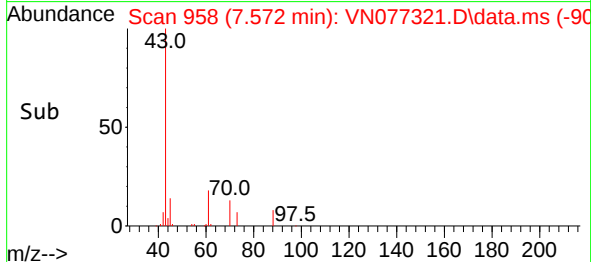
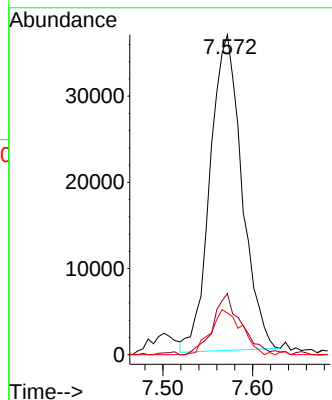
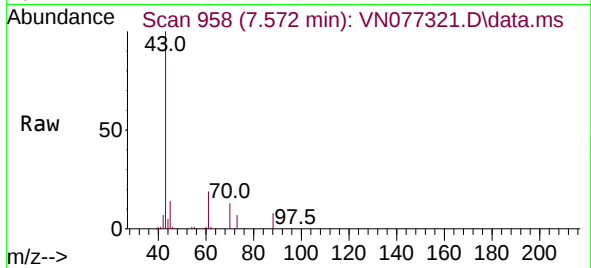




#37
Ethyl Acetate
Concen: 11.778 ug/l
RT: 7.572 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

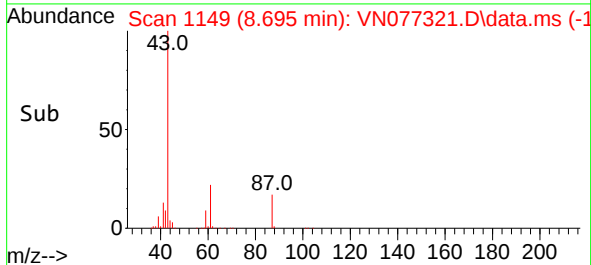
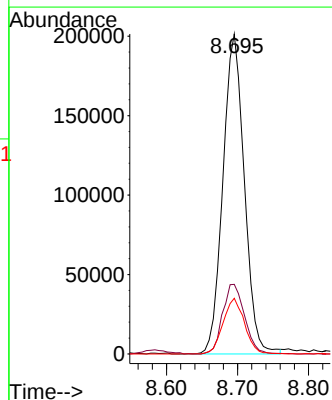
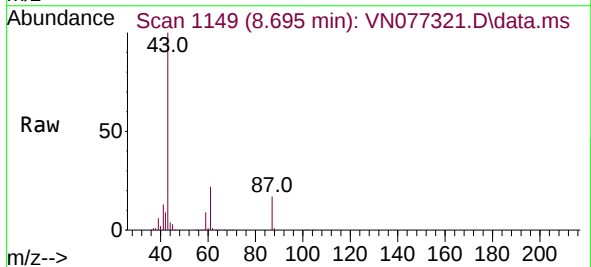
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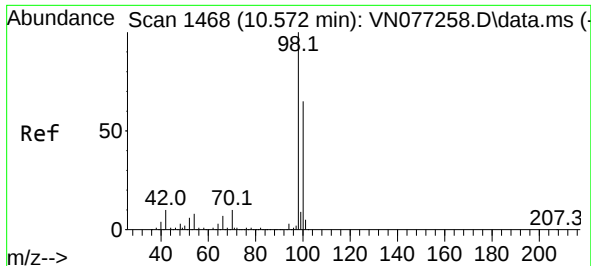
Tgt Ion: 43 Resp: 90215
Ion Ratio Lower Upper
43 100
61 17.5 12.2 18.2
70 13.9 10.0 15.0



#43
Isopropyl Acetate
Concen: 29.787 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

Tgt Ion: 43 Resp: 421011
Ion Ratio Lower Upper
43 100
61 22.4 22.7 34.1#
87 17.5 13.6 20.4

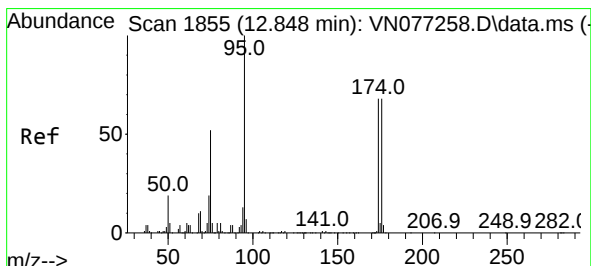
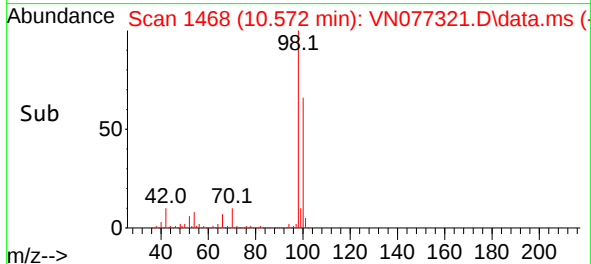
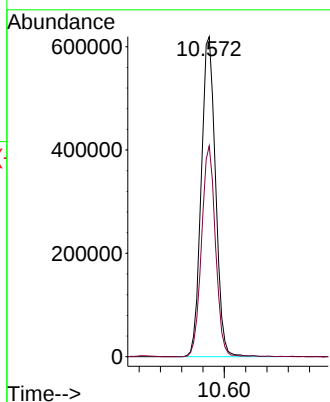
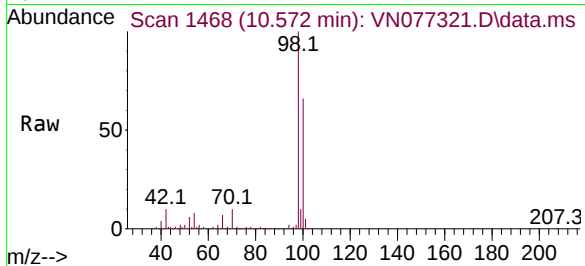




#50
Toluene-d8
Concen: 49.493 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

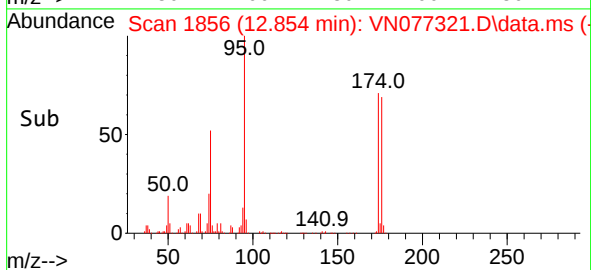
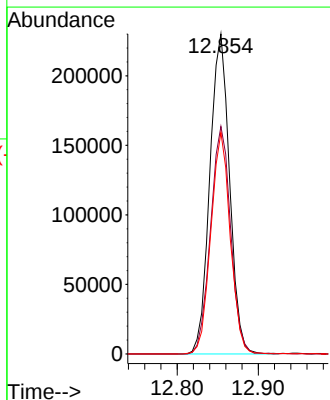
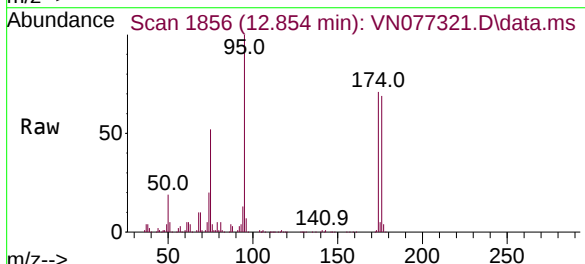
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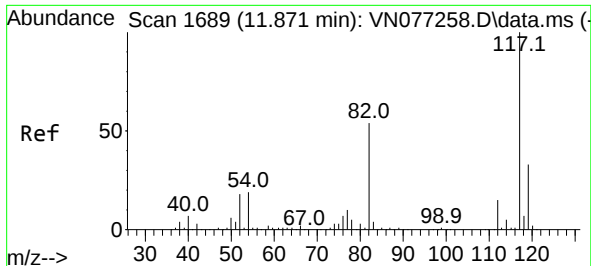
Tgt Ion: 98 Resp: 1153284
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

Tgt Ion: 95 Resp: 387595
Ion Ratio Lower Upper
95 100
174 72.8 0.0 146.8
176 68.2 0.0 139.6

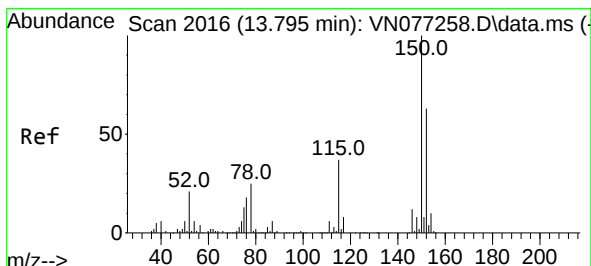
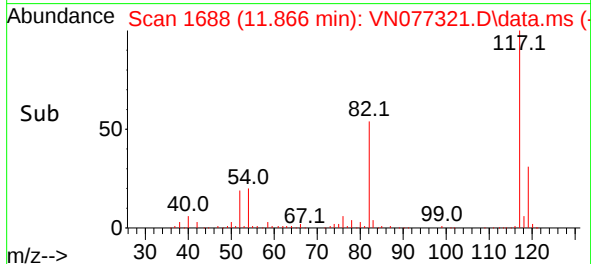
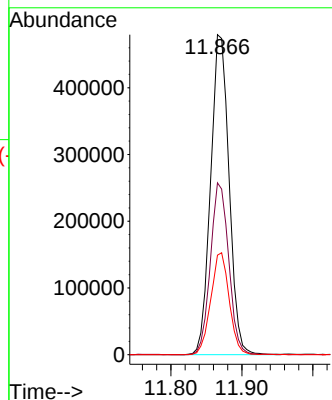
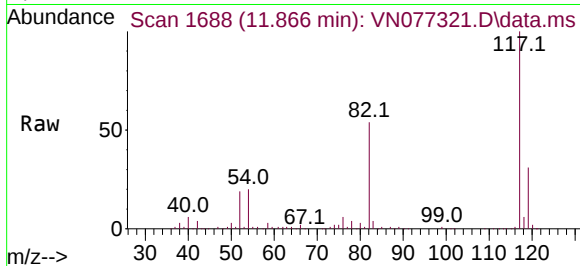




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
PB152070TB

Tgt Ion:117 Resp: 864092
Ion Ratio Lower Upper
117 100
82 53.7 42.9 64.3
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077321.D
Acq: 13 Apr 2023 12:10

Tgt Ion:152 Resp: 314597
Ion Ratio Lower Upper
152 100
115 64.5 32.1 96.3
150 159.2 0.0 354.8

