

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076658.D
 Acq On : 14 Feb 2023 13:41
 Operator : JC\MD
 Sample : PB150840TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150840TB

Quant Time: Feb 14 15:23:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

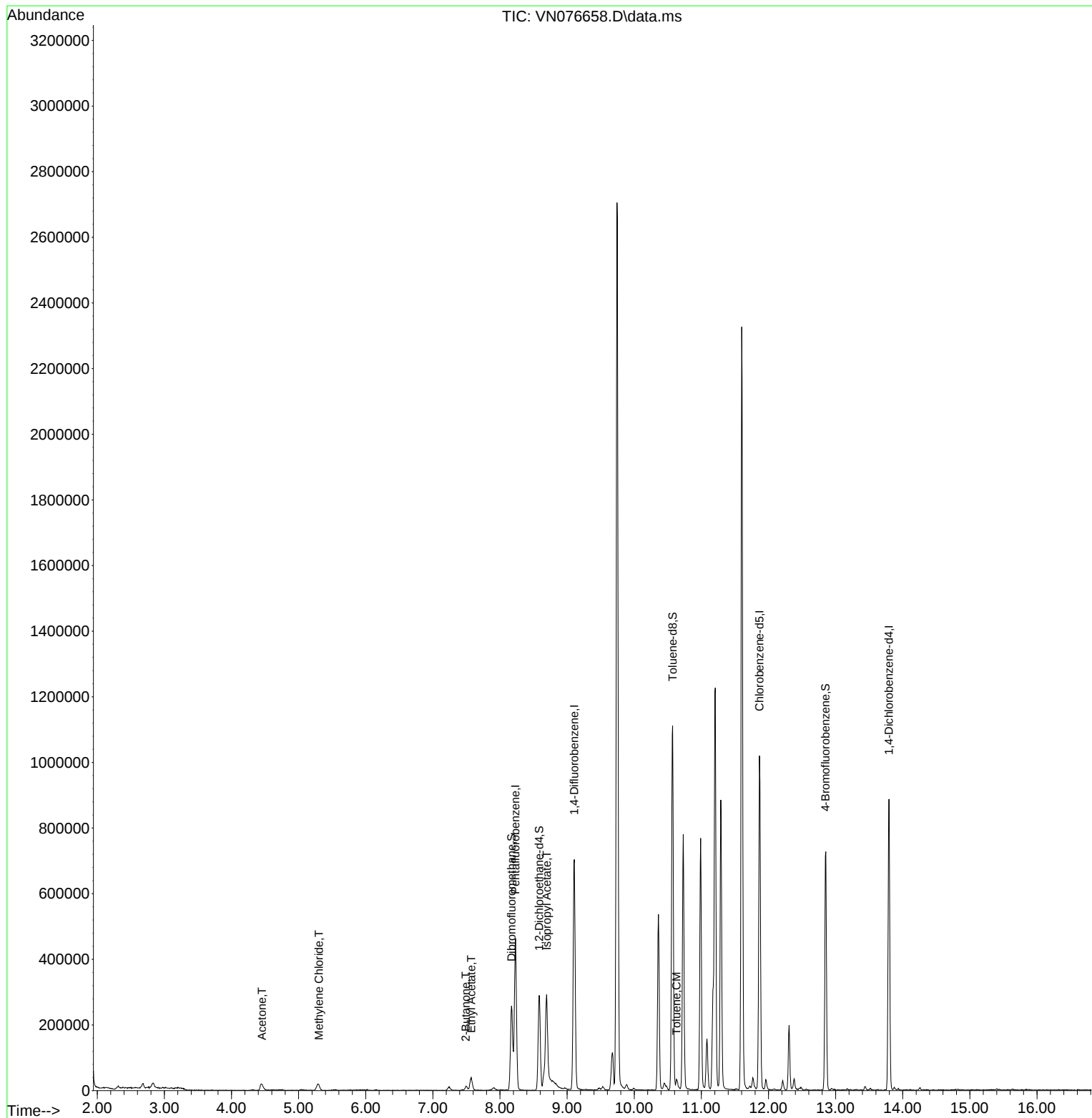
Internal Standards						
1) Pentafluorobenzene	8.231	168	321086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	609183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	578129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	231496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	225542	50.870	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.740%		
35) Dibromofluoromethane	8.172	113	184611	46.275	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.560%		
50) Toluene-d8	10.572	98	763466	51.244	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.480%		
62) 4-Bromofluorobenzene	12.848	95	239490	48.534	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.060%		
Target Compounds						
						Qvalue
16) Acetone	4.454	43	40194	20.295	ug/l #	83
20) Methylene Chloride	5.301	84	13843	3.335	ug/l #	86
25) 2-Butanone	7.489	43	18390	6.295	ug/l	93
37) Ethyl Acetate	7.572	43	60966	10.053	ug/l	97
43) Isopropyl Acetate	8.695	43	388287	39.346	ug/l #	81
52) Toluene	10.630	92	12025	1.125	ug/l	94

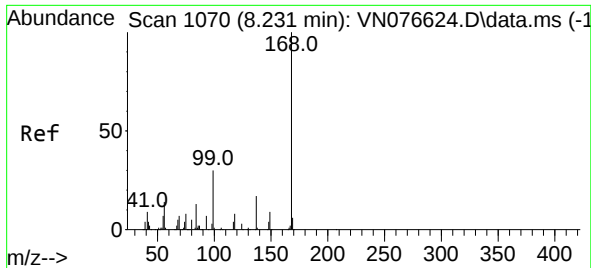
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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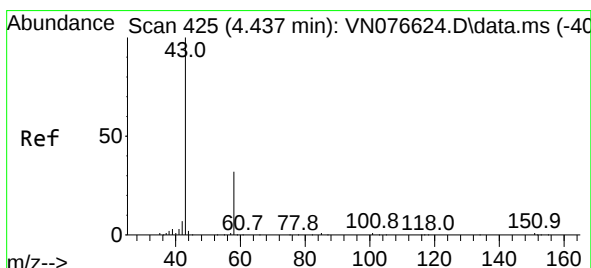
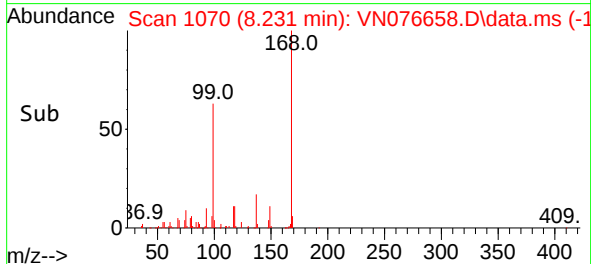
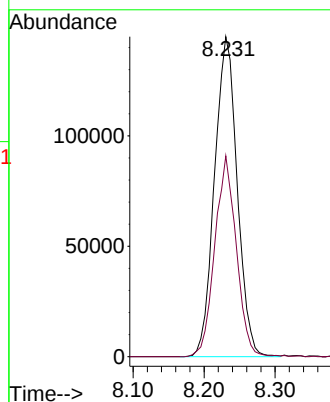
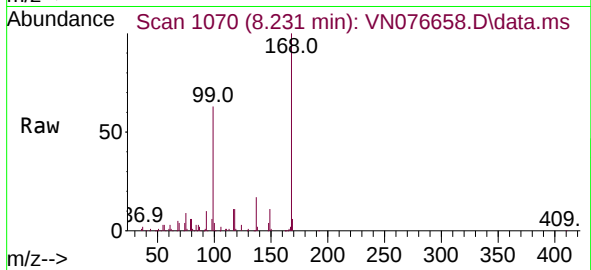




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

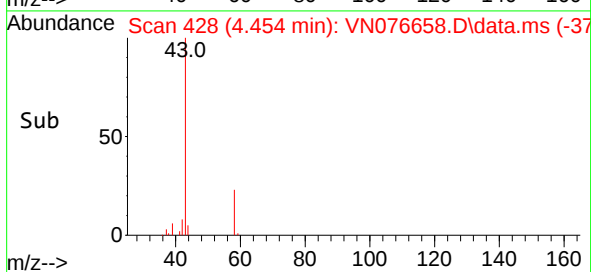
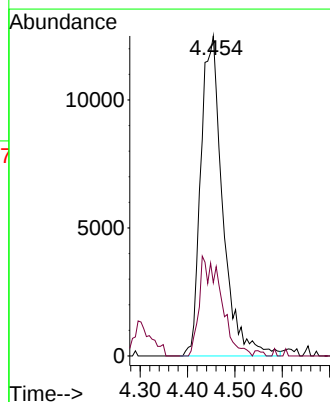
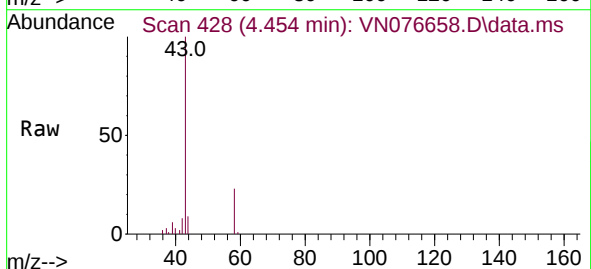
Instrument :
MSVOA_N
ClientSampleId :
PB150840TB

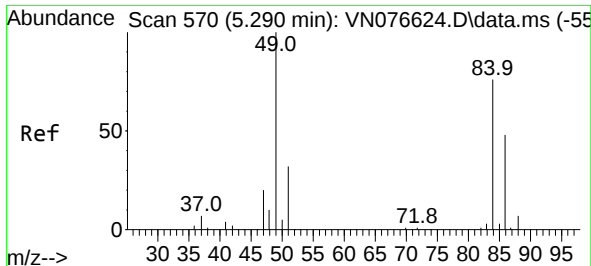
Tgt Ion:168 Resp: 321086
Ion Ratio Lower Upper
168 100
99 62.8 44.8 67.2



#16
Acetone
Concen: 20.295 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

Tgt Ion: 43 Resp: 40194
Ion Ratio Lower Upper
43 100
58 22.9 25.9 38.9#

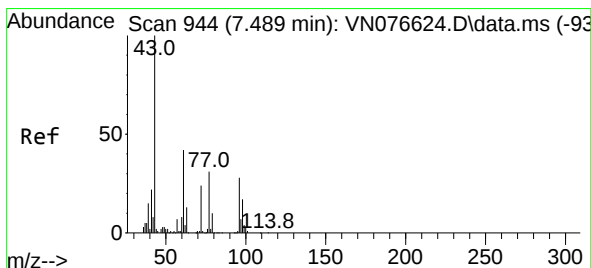
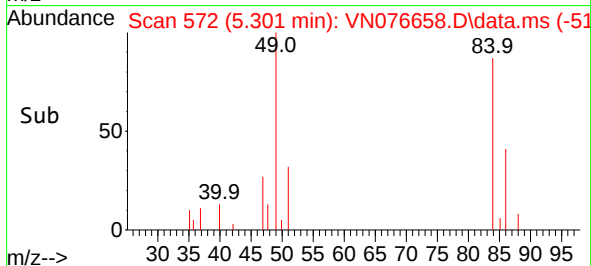
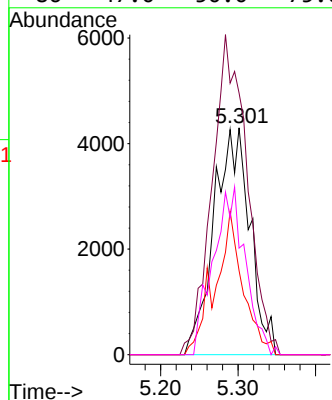
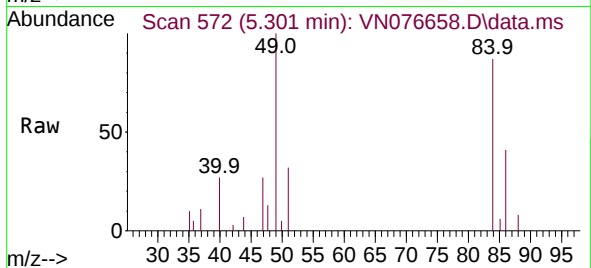




#20
Methylene Chloride
Concen: 3.335 ug/l
RT: 5.301 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

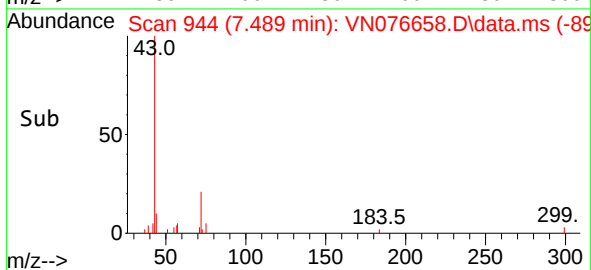
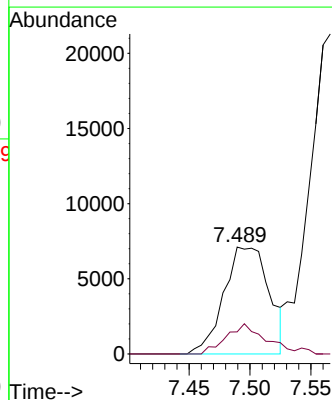
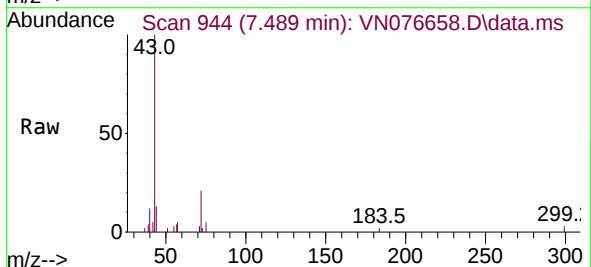
Instrument :
MSVOA_N
ClientSampleId :
PB150840TB

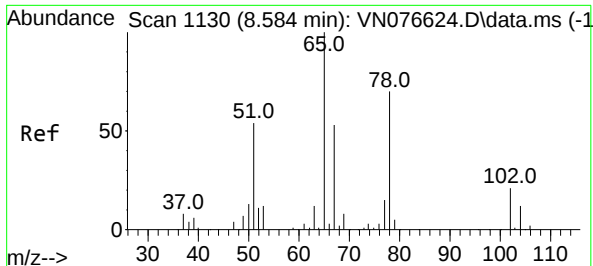
Tgt Ion: 84 Resp: 13843
Ion Ratio Lower Upper
84 100
49 115.3 104.9 157.3
51 37.0 33.8 50.8
86 47.0 50.0 75.0#



#25
2-Butanone
Concen: 6.295 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

Tgt Ion: 43 Resp: 18390
Ion Ratio Lower Upper
43 100
72 20.7 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 50.870 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076658.D

Acq: 14 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

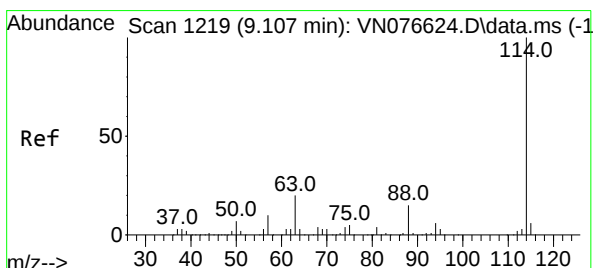
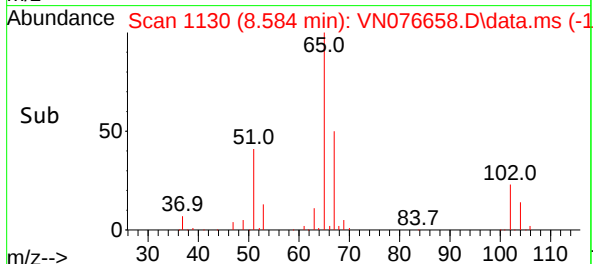
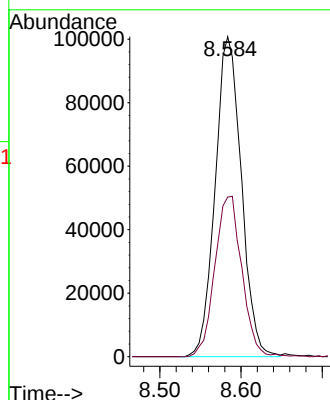
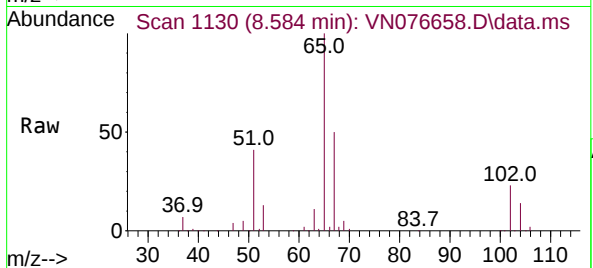
PB150840TB

Tgt Ion: 65 Resp: 225542

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076658.D

Acq: 14 Feb 2023 13:41

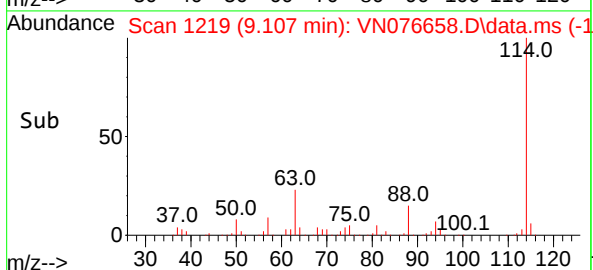
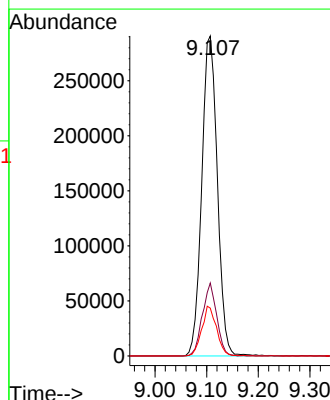
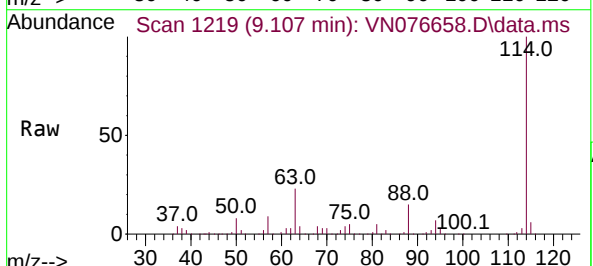
Tgt Ion: 114 Resp: 609183

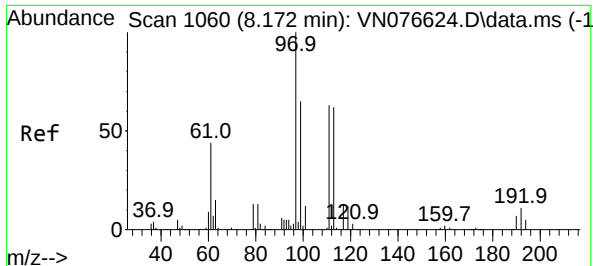
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 15.0 0.0 29.6

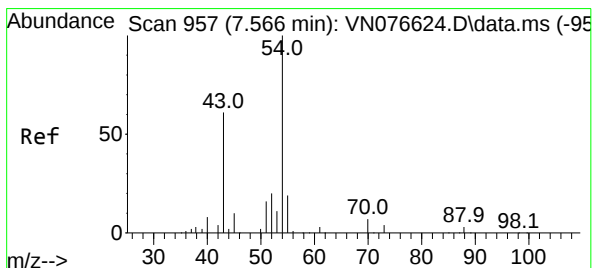
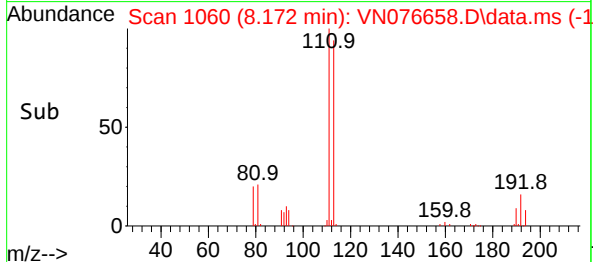
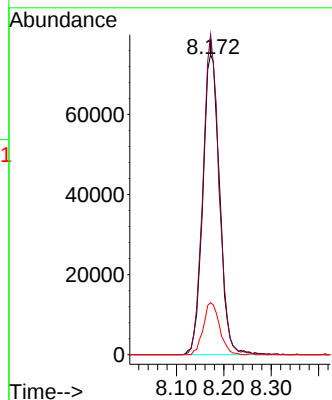
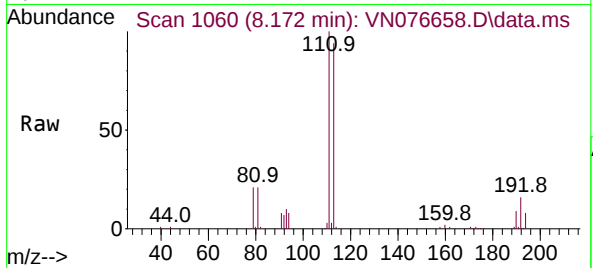




#35
Dibromofluoromethane
Concen: 46.275 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

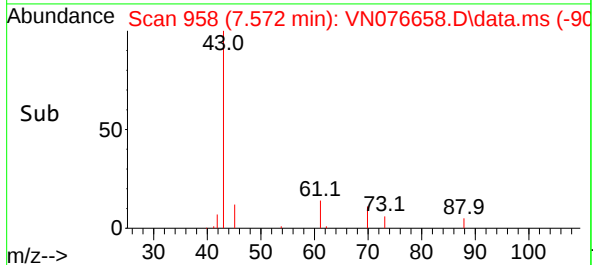
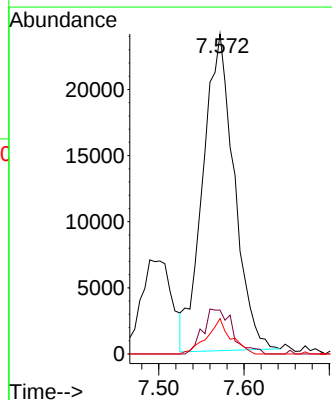
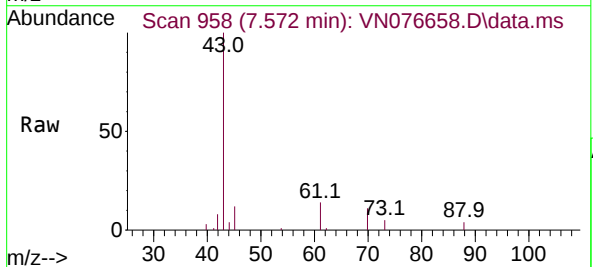
Instrument :
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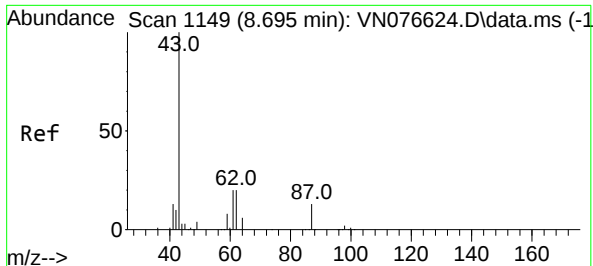
Tgt Ion:113 Resp: 184611
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.8 15.6 23.4



#37
Ethyl Acetate
Concen: 10.053 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

Tgt Ion: 43 Resp: 60966
Ion Ratio Lower Upper
43 100
61 13.5 9.9 14.9
70 8.5 7.8 11.6





#43

Isopropyl Acetate

Concen: 39.346 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN076658.D

Acq: 14 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

PB150840TB

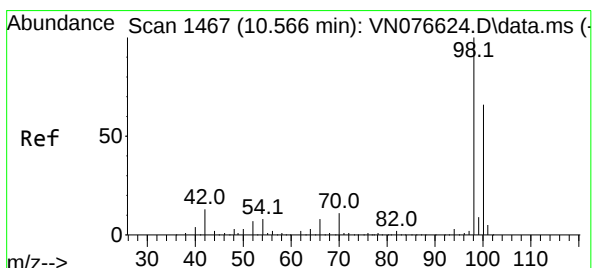
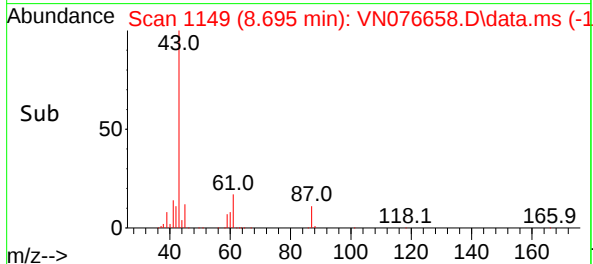
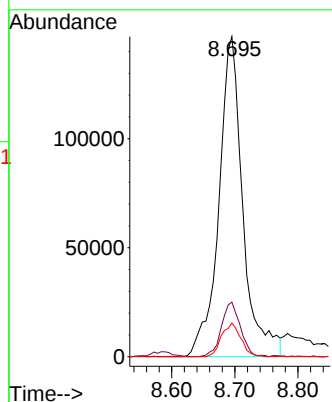
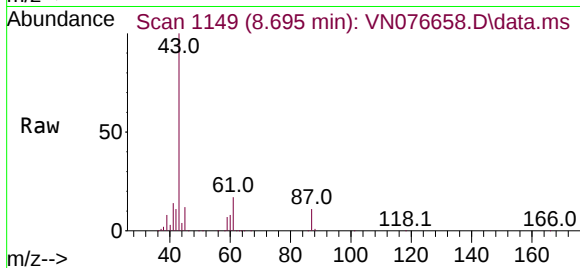
Tgt Ion: 43 Resp: 388287

Ion Ratio Lower Upper

43 100

61 13.5 20.0 30.0#

87 8.4 9.9 14.9#



#50

Toluene-d8

Concen: 51.244 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076658.D

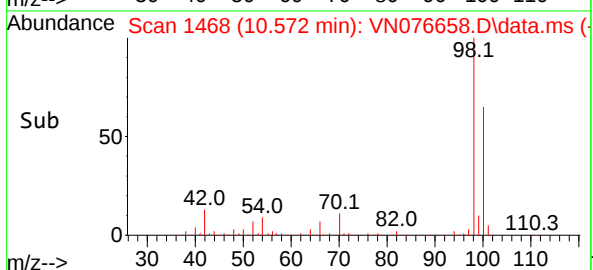
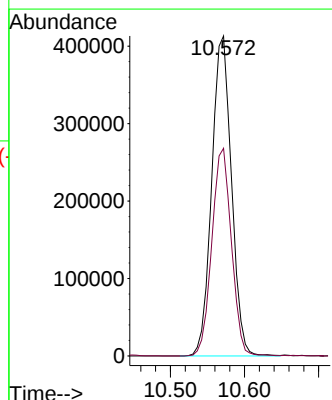
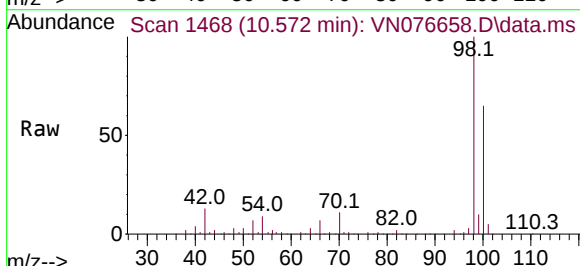
Acq: 14 Feb 2023 13:41

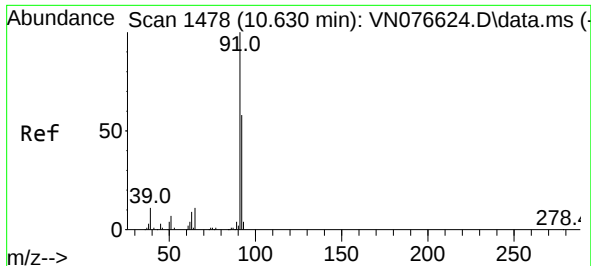
Tgt Ion: 98 Resp: 763466

Ion Ratio Lower Upper

98 100

100 64.4 52.9 79.3

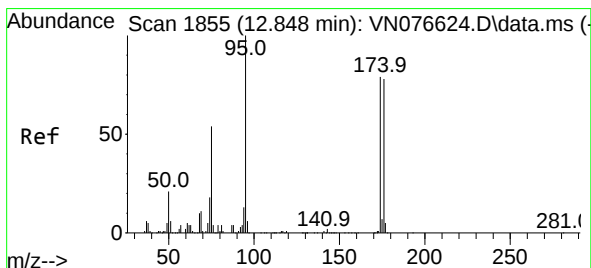
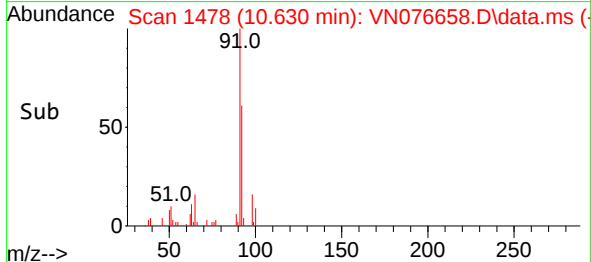
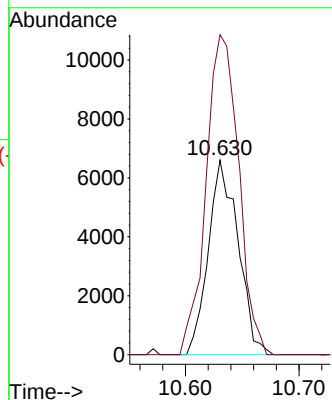
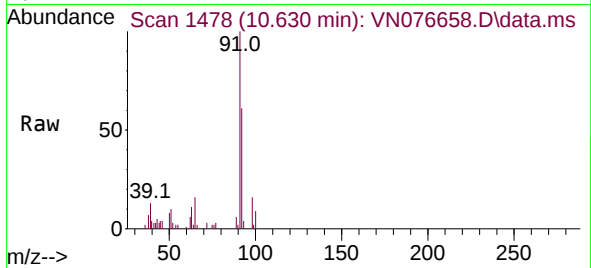




#52
Toluene
Concen: 1.125 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

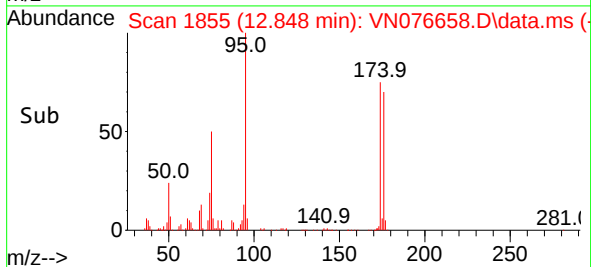
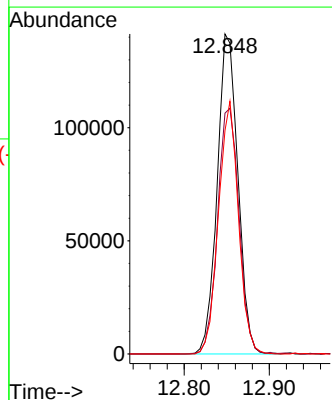
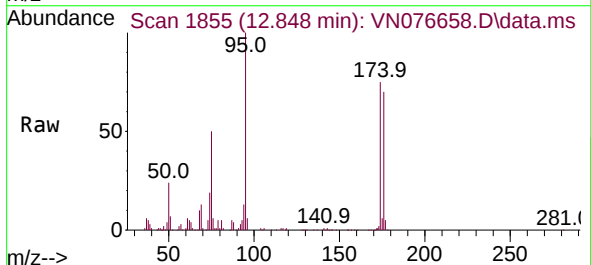
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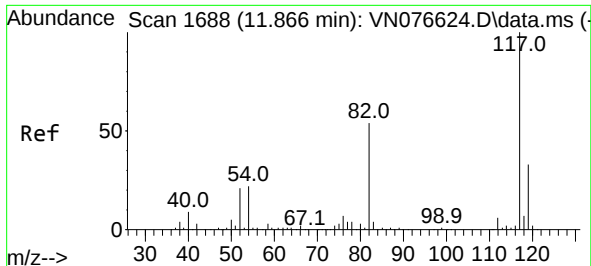
Tgt Ion: 92 Resp: 12025
Ion Ratio Lower Upper
92 100
91 180.2 138.0 207.0



#62
4-Bromofluorobenzene
Concen: 48.534 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

Tgt Ion: 95 Resp: 239490
Ion Ratio Lower Upper
95 100
174 79.3 0.0 169.2
176 75.9 0.0 163.4

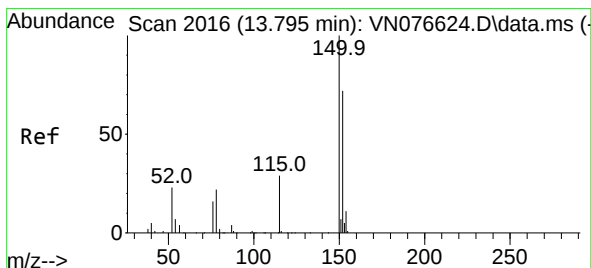
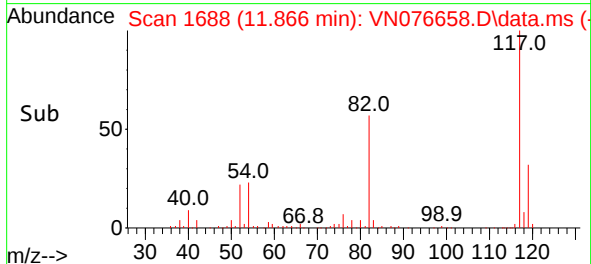
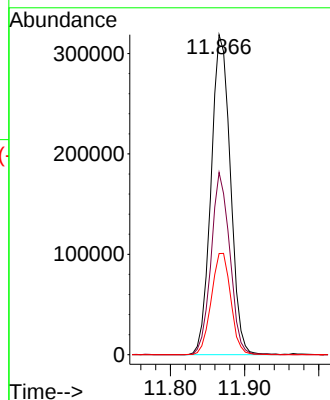
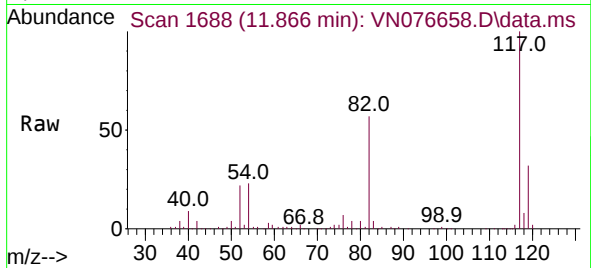




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

Instrument :
MSVOA_N
ClientSampleId :
PB150840TB

Tgt Ion:117 Resp: 578129
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.2
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076658.D
Acq: 14 Feb 2023 13:41

Tgt Ion:152 Resp: 231496
Ion Ratio Lower Upper
152 100
115 59.5 29.3 87.9
150 155.8 0.0 349.8

