

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076657.D
 Acq On : 14 Feb 2023 13:17
 Operator : JC\MD
 Sample : PB150827TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150827TB

Quant Time: Feb 14 15:22:53 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)

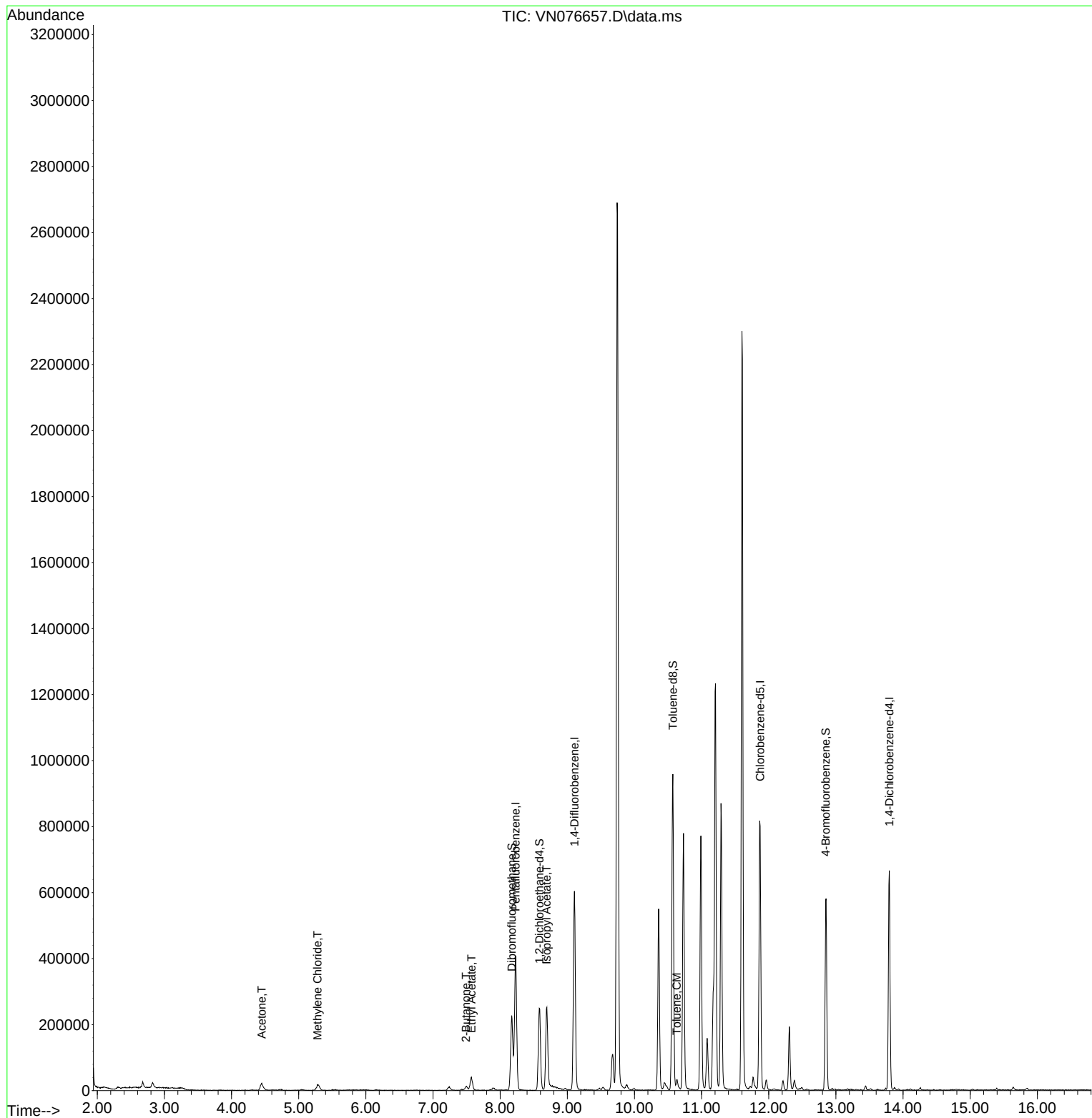
Internal Standards						
1) Pentafluorobenzene	8.230	168	291805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	508668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	485711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	174559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196771	48.834	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.660%
35) Dibromofluoromethane	8.172	113	157905	47.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	10.572	98	642254	51.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.848	95	192484	46.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	39038	21.689	ug/l	96
20) Methylene Chloride	5.278	84	11614	3.079	ug/l	92
25) 2-Butanone	7.489	43	17203	6.480	ug/l #	90
37) Ethyl Acetate	7.572	43	62366	12.316	ug/l	99
43) Isopropyl Acetate	8.689	43	294248	35.709	ug/l #	88
52) Toluene	10.630	92	10895	1.221	ug/l	95

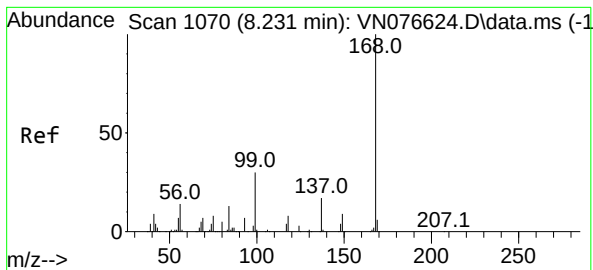
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

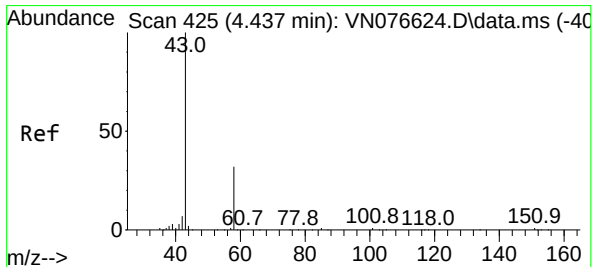
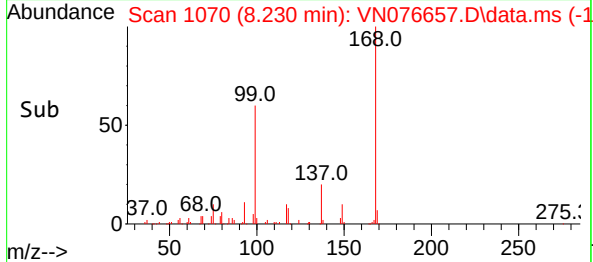
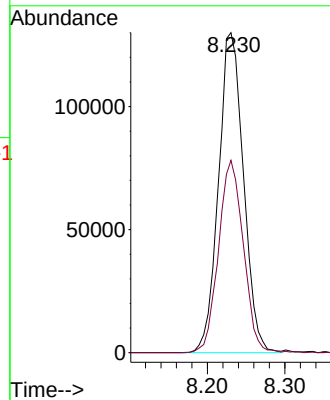
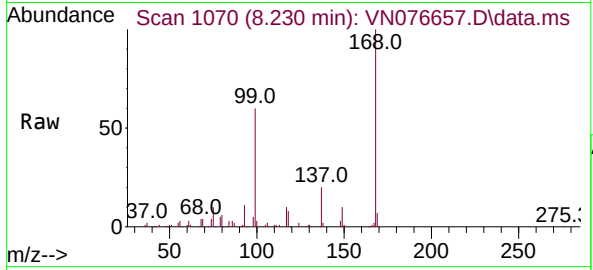




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

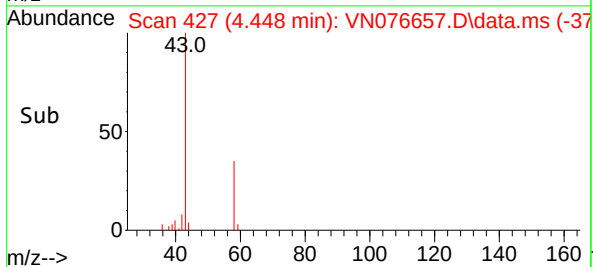
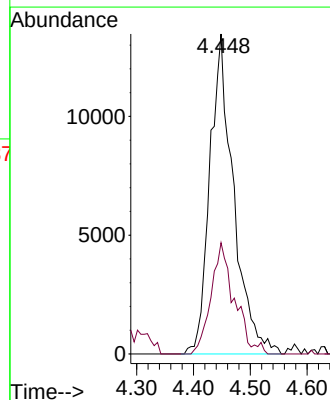
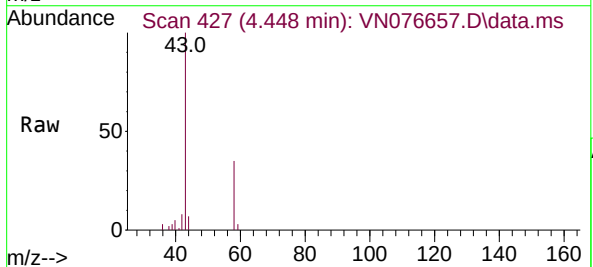
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

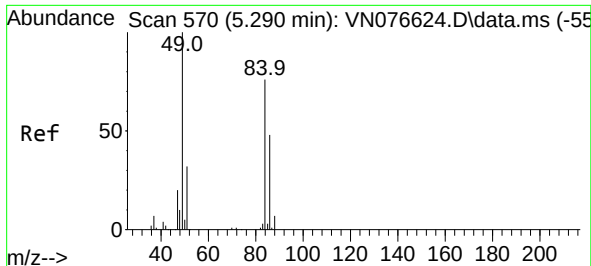
Tgt Ion:168 Resp: 291805
Ion Ratio Lower Upper
168 100
99 60.1 44.8 67.2



#16
Acetone
Concen: 21.689 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

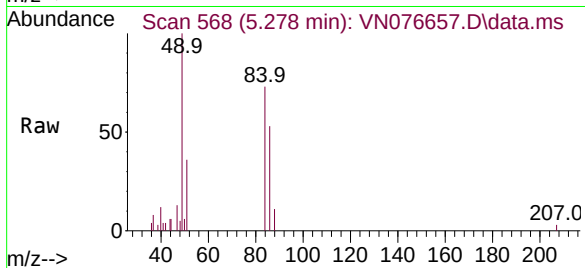
Tgt Ion: 43 Resp: 39038
Ion Ratio Lower Upper
43 100
58 34.8 25.9 38.9



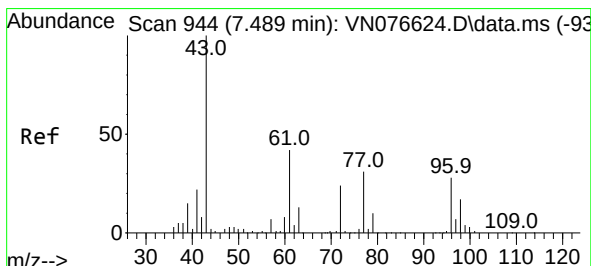
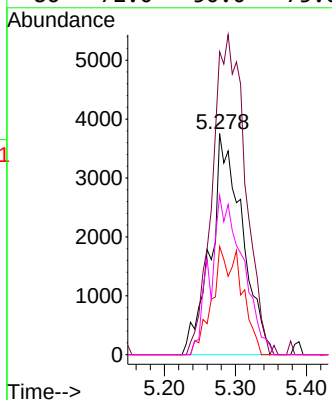
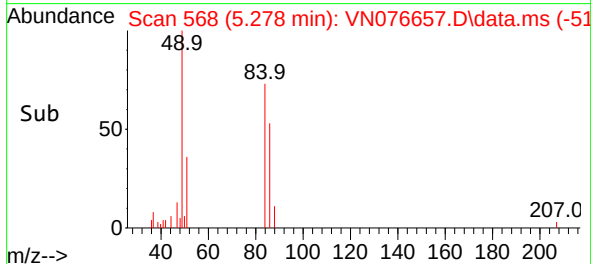


#20
Methylene Chloride
Concen: 3.079 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

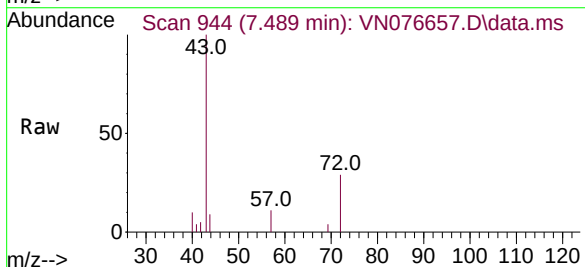
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB



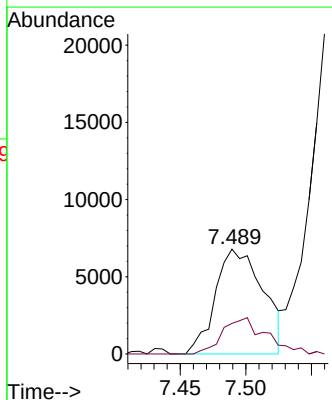
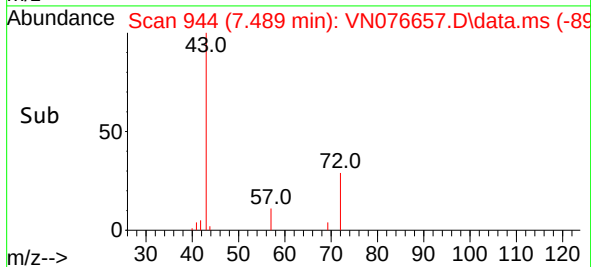
Tgt Ion: 84 Resp: 11614
Ion Ratio Lower Upper
84 100
49 137.0 104.9 157.3
51 48.9 33.8 50.8
86 72.0 50.0 75.0

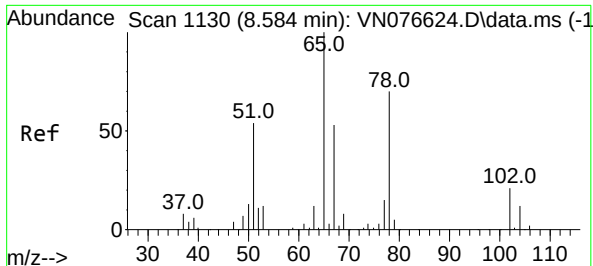


#25
2-Butanone
Concen: 6.480 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17



Tgt Ion: 43 Resp: 17203
Ion Ratio Lower Upper
43 100
72 29.2 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 48.834 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076657.D

Acq: 14 Feb 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

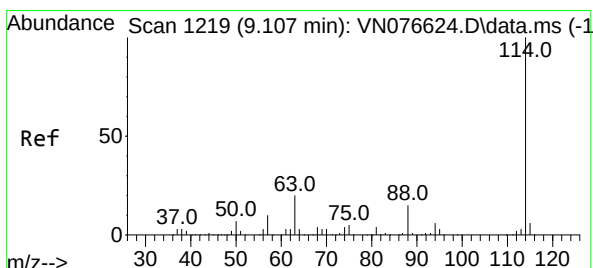
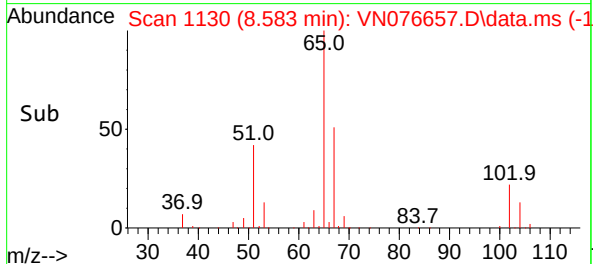
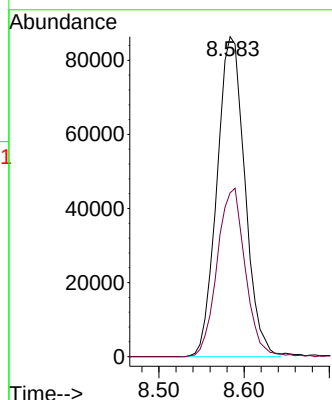
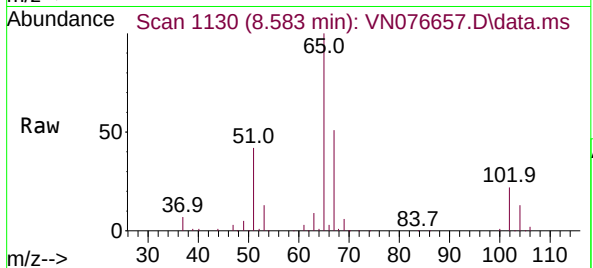
PB150827TB

Tgt Ion: 65 Resp: 196771

Ion Ratio Lower Upper

65 100

67 53.2 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: VN076657.D

Acq: 14 Feb 2023 13:17

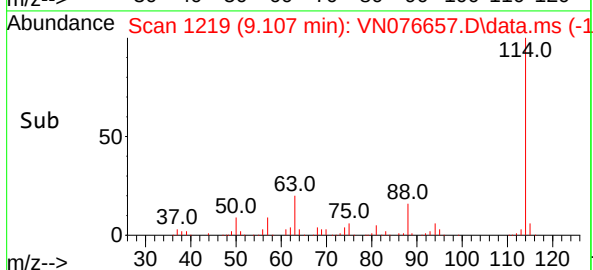
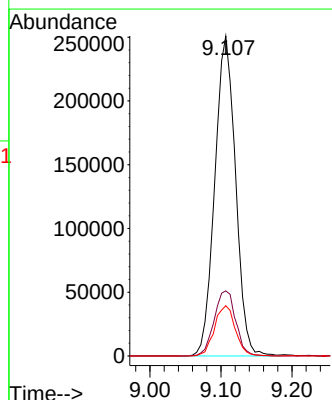
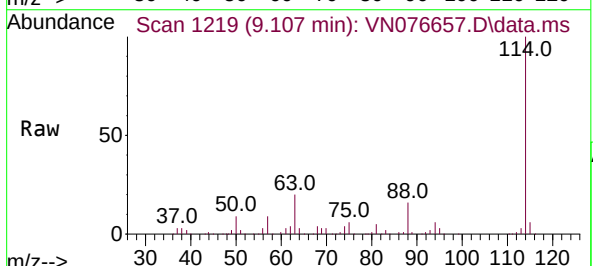
Tgt Ion: 114 Resp: 508668

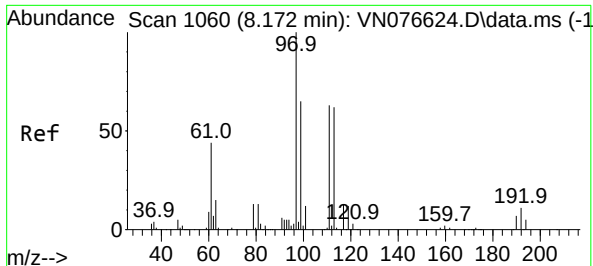
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.7 0.0 29.6

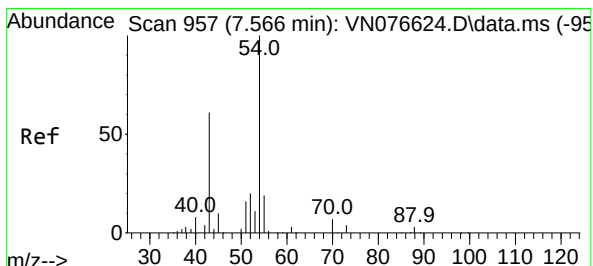
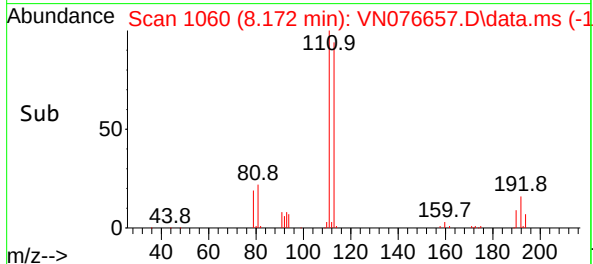
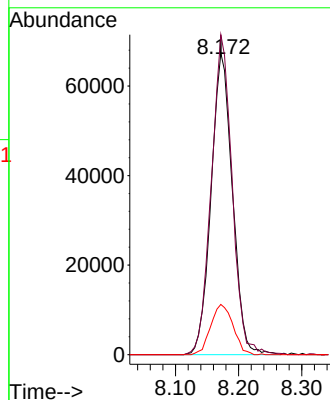
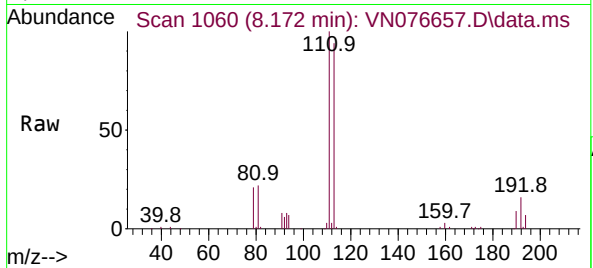




#35
Dibromofluoromethane
Concen: 47.402 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

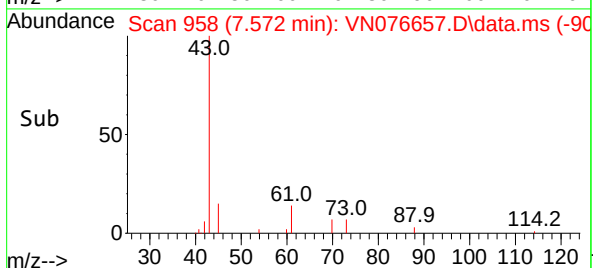
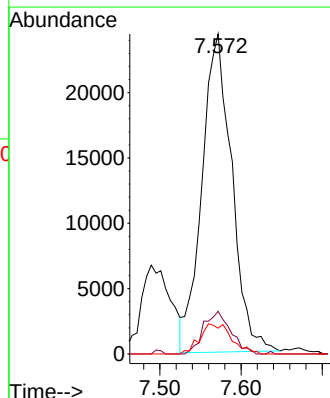
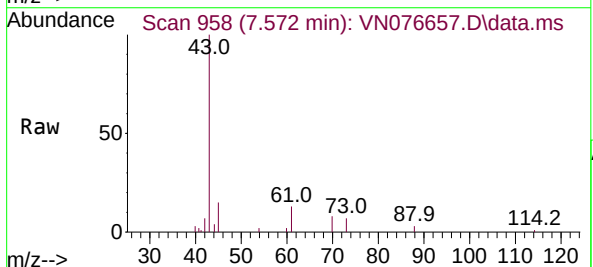
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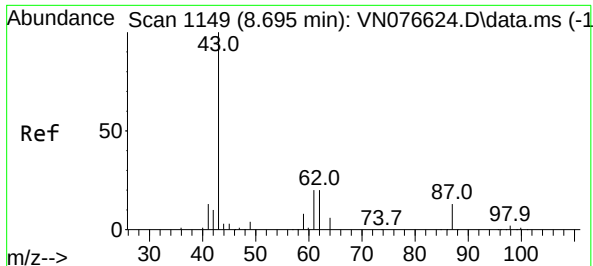
Tgt Ion:113 Resp: 157905
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.5 15.6 23.4



#37
Ethyl Acetate
Concen: 12.316 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 43 Resp: 62366
Ion Ratio Lower Upper
43 100
61 12.2 9.9 14.9
70 10.0 7.8 11.6

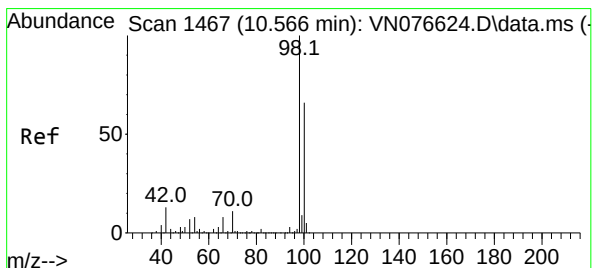
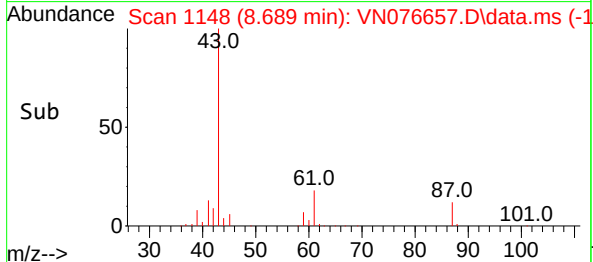
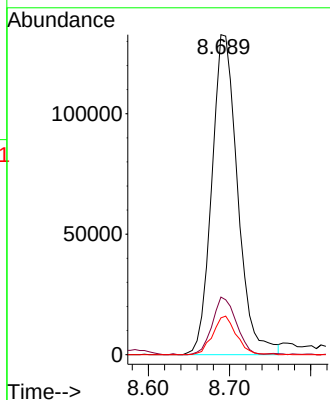
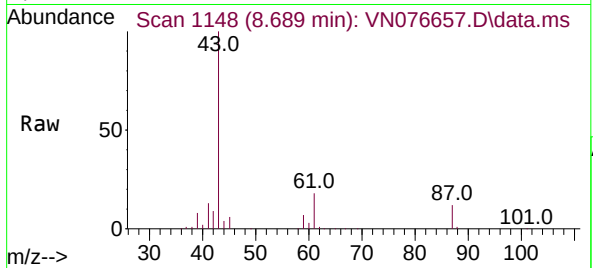




#43
Isopropyl Acetate
Concen: 35.709 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

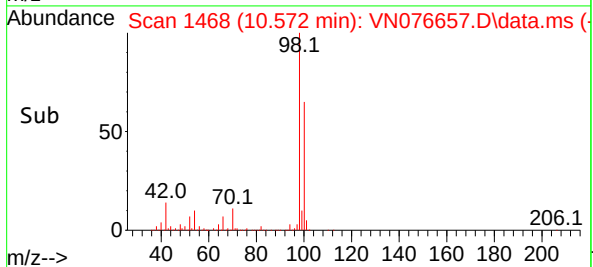
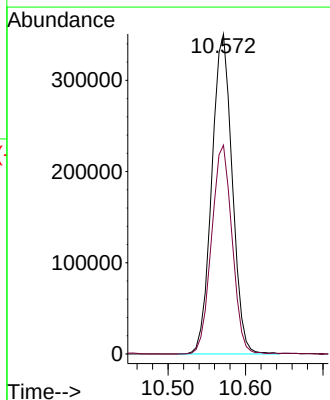
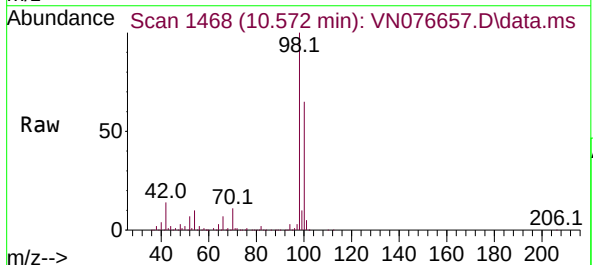
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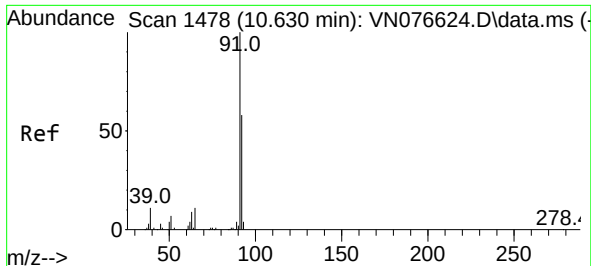
Tgt Ion: 43 Resp: 294248
Ion Ratio Lower Upper
43 100
61 16.7 20.0 30.0#
87 11.0 9.9 14.9



#50
Toluene-d8
Concen: 51.626 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 98 Resp: 642254
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3

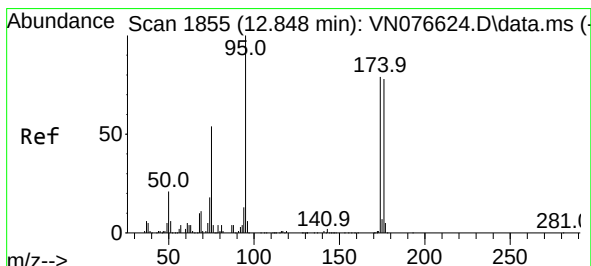
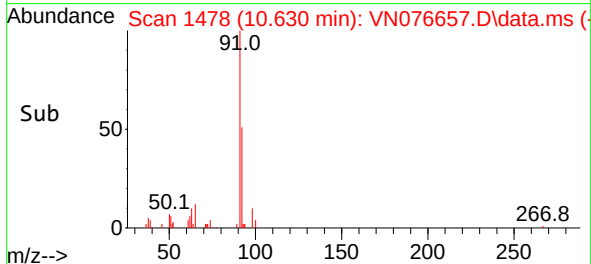
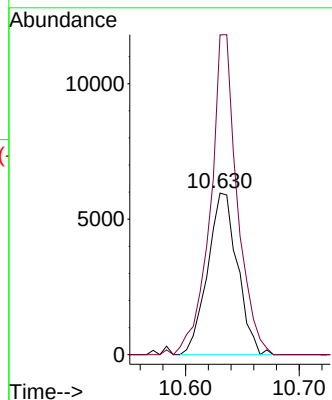
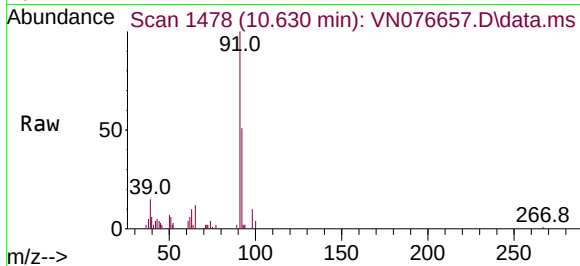




#52
Toluene
Concen: 1.221 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

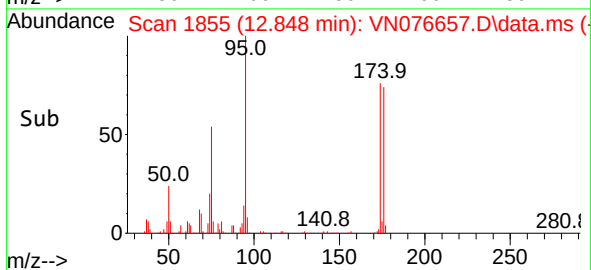
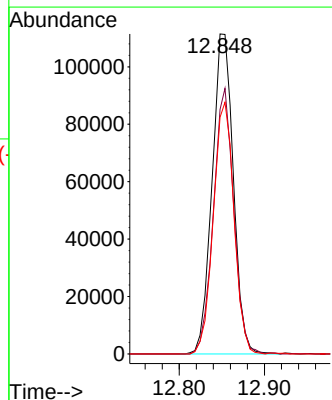
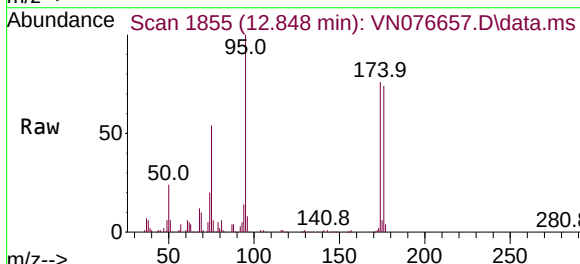
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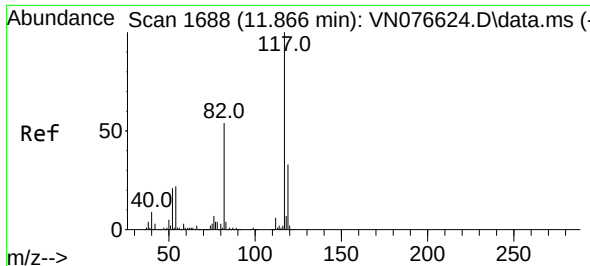
Tgt Ion: 92 Resp: 10895
Ion Ratio Lower Upper
92 100
91 179.2 138.0 207.0



#62
4-Bromofluorobenzene
Concen: 46.716 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 95 Resp: 192484
Ion Ratio Lower Upper
95 100
174 79.6 0.0 169.2
176 76.5 0.0 163.4

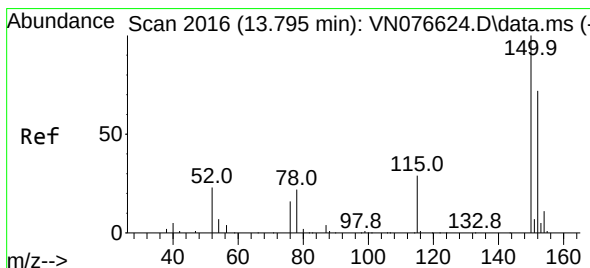
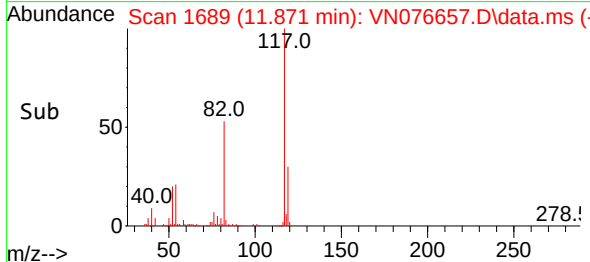
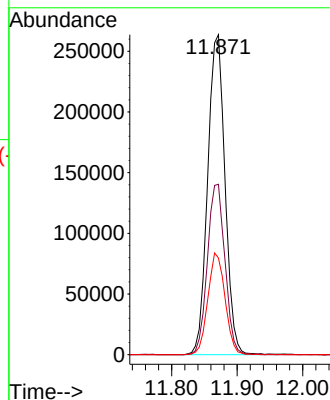
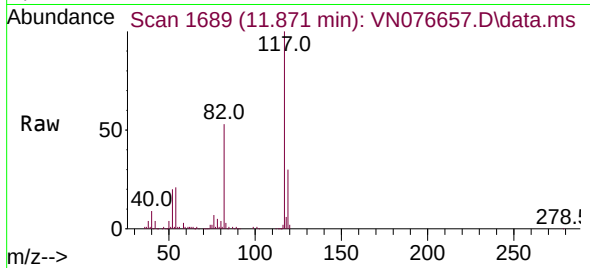




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

Tgt Ion:117 Resp: 485711
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.2
119 30.2 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: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion:152 Resp: 174559
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 158.0 0.0 349.8

