

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076804.D
 Acq On : 24 Feb 2023 13:02
 Operator : JC\MD
 Sample : PB151040TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151040TB

Quant Time: Feb 25 01:43:45 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)

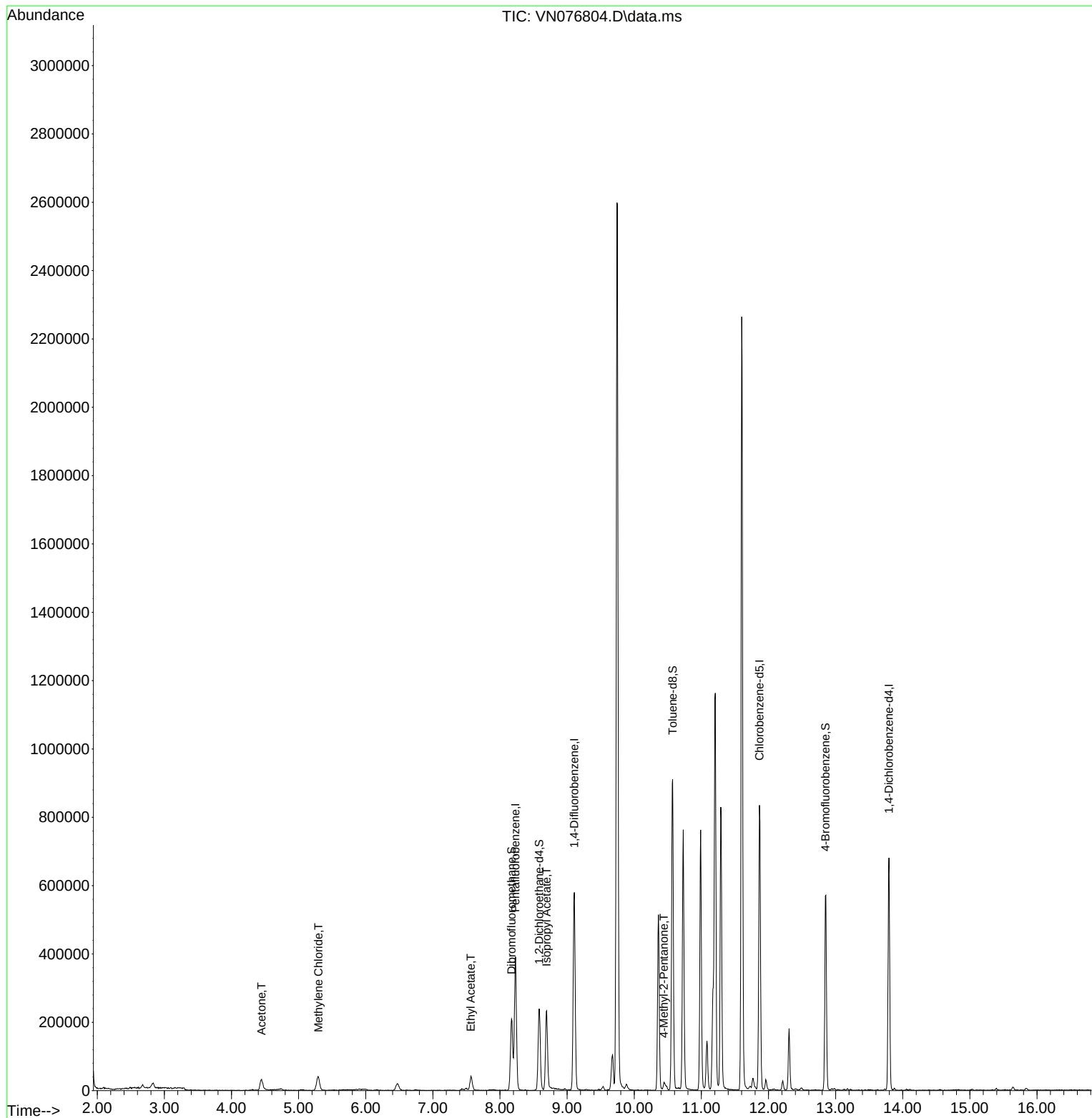
Internal Standards						
1) Pentafluorobenzene	8.231	168	264550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	487703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	463018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	168720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	187037	51.200	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.400%		
35) Dibromofluoromethane	8.172	113	148734	46.568	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.140%		
50) Toluene-d8	10.572	98	610023	51.143	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.280%		
62) 4-Bromofluorobenzene	12.848	95	187419	47.442	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.880%		
Target Compounds						
						Qvalue
16) Acetone	4.448	43	61361	37.604	ug/l	93
20) Methylene Chloride	5.295	84	28992	8.477	ug/l	90
37) Ethyl Acetate	7.566	43	65343	13.458	ug/l #	88
43) Isopropyl Acetate	8.695	43	273669	34.639	ug/l #	88
51) 4-Methyl-2-Pentanone	10.442	43	25822	5.137	ug/l #	76

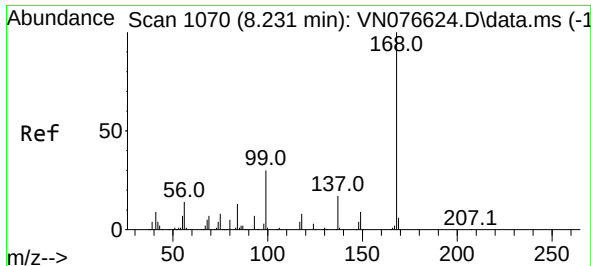
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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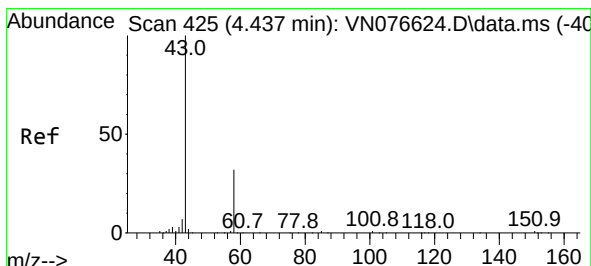
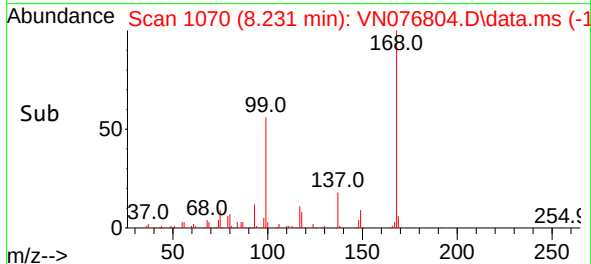
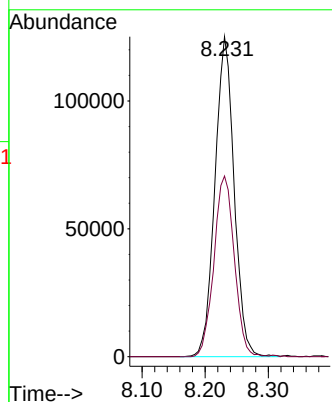
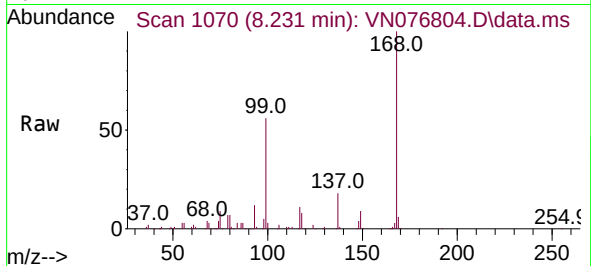




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

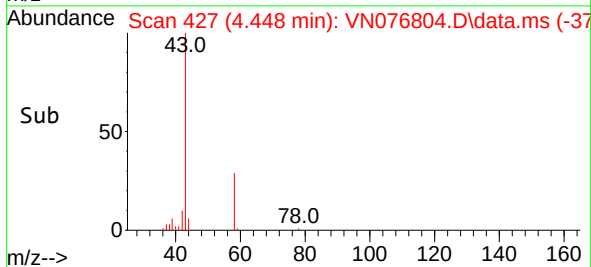
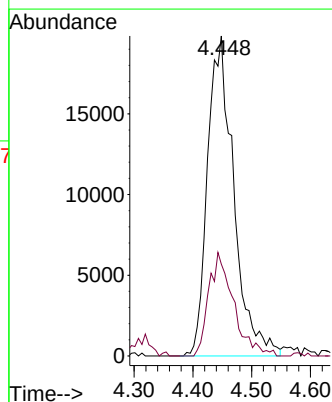
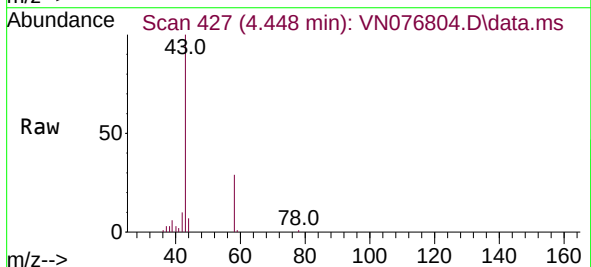
Instrument :
MSVOA_N
ClientSampleId :
PB151040TB

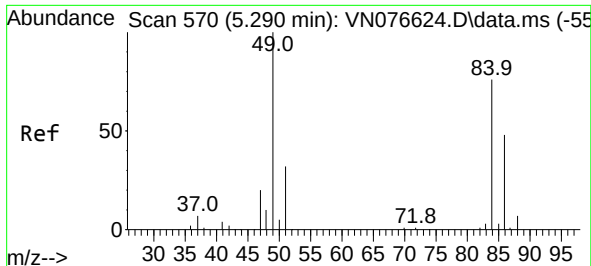
Tgt Ion:168 Resp: 264550
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#16
Acetone
Concen: 37.604 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

Tgt Ion: 43 Resp: 61361
Ion Ratio Lower Upper
43 100
58 28.7 25.9 38.9

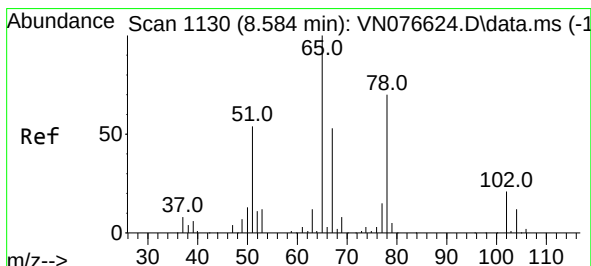
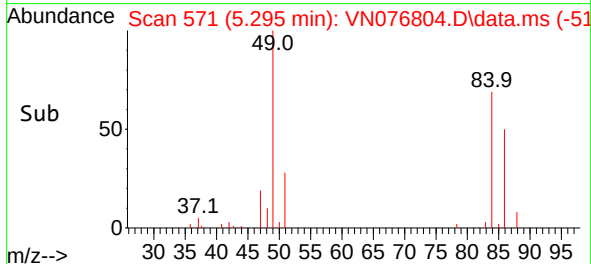
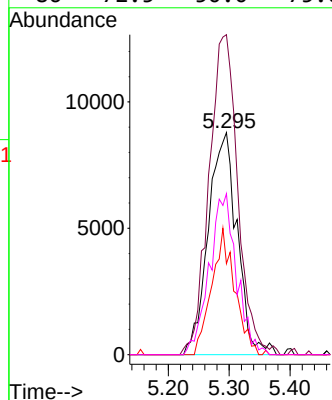
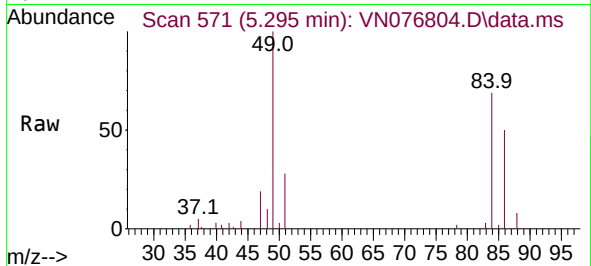




#20
Methylene Chloride
Concen: 8.477 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

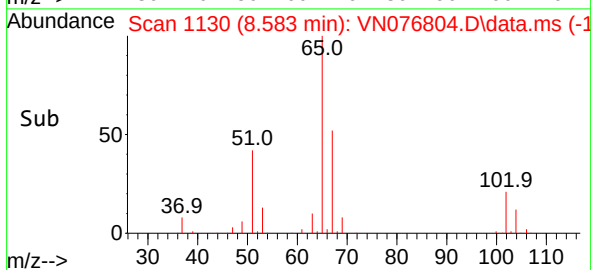
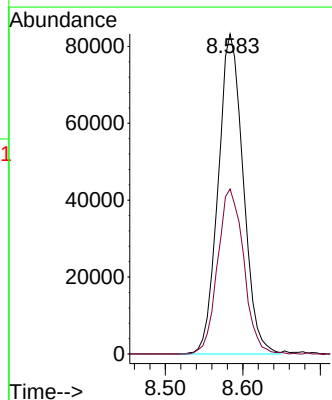
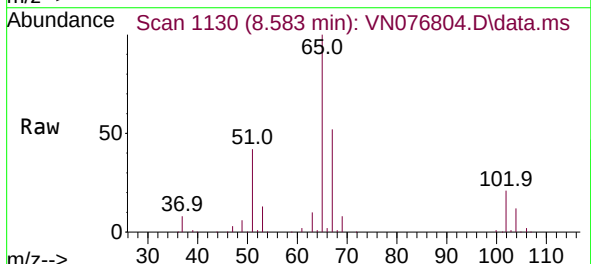
Instrument :
MSVOA_N
ClientSampleId :
PB151040TB

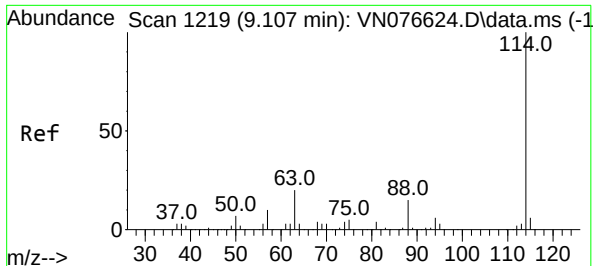
Tgt Ion:	84	Resp:	28992
Ion	Ratio	Lower	Upper
84	100		
49	144.1	104.9	157.3
51	41.0	33.8	50.8
86	72.5	50.0	75.0



#33
1,2-Dichloroethane-d4
Concen: 51.200 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

Tgt Ion:	65	Resp:	187037
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076804.D

Acq: 24 Feb 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

PB151040TB

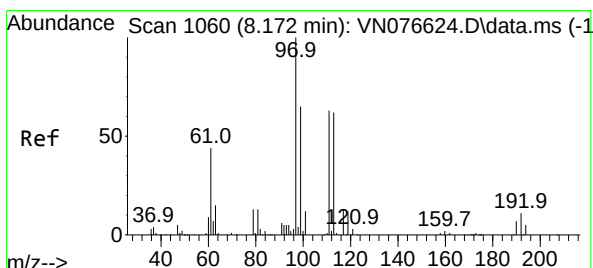
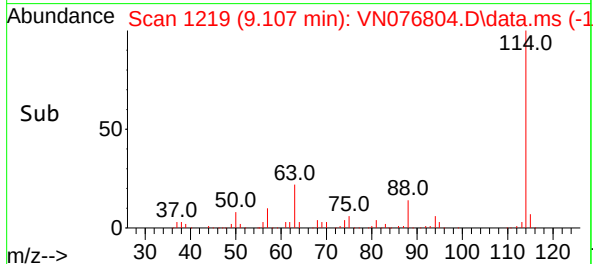
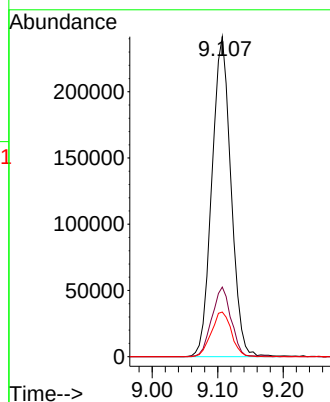
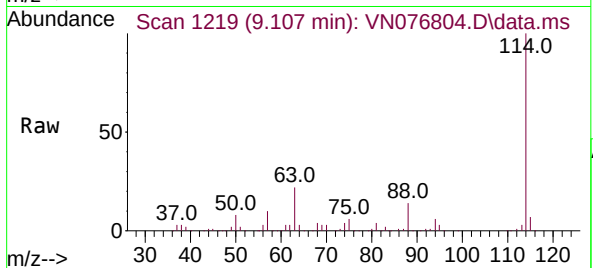
Tgt Ion:114 Resp: 487703

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 13.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.568 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076804.D

Acq: 24 Feb 2023 13:02

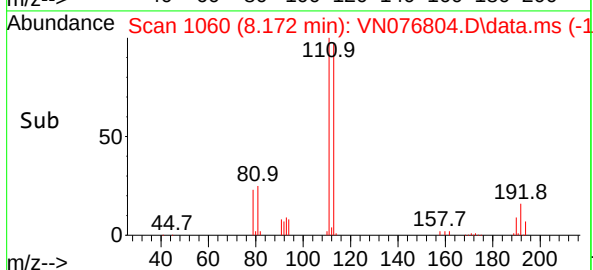
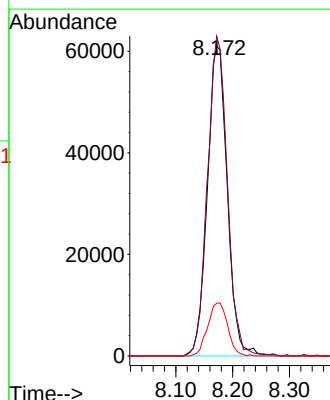
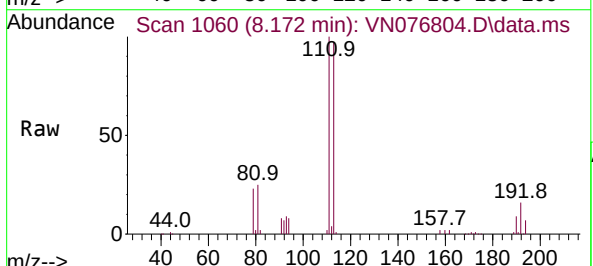
Tgt Ion:113 Resp: 148734

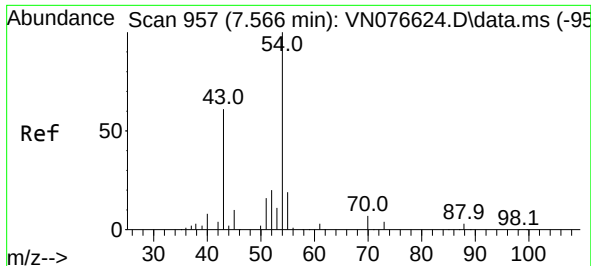
Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

192 17.2 15.6 23.4

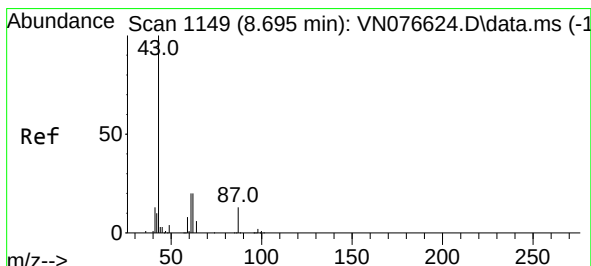
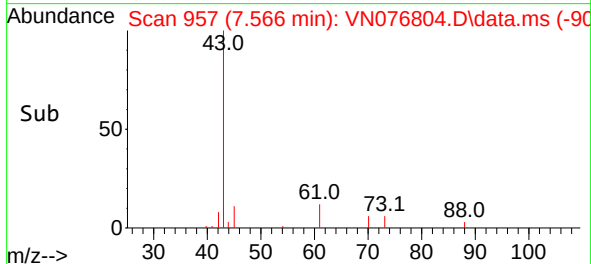
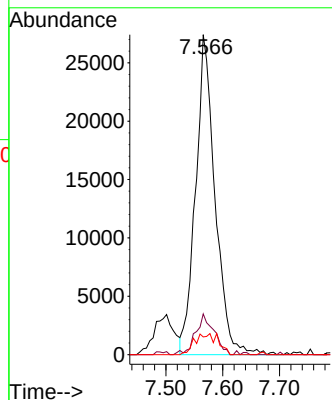
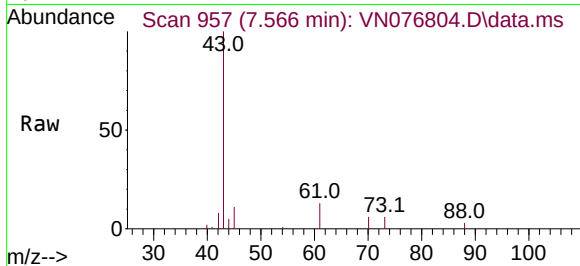




#37
Ethyl Acetate
Concen: 13.458 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

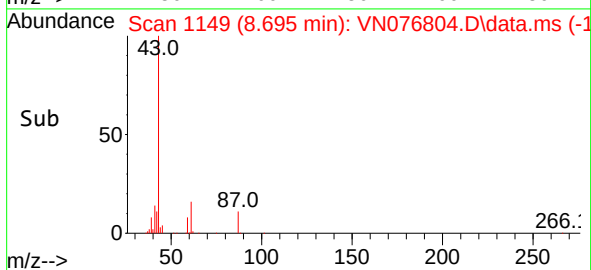
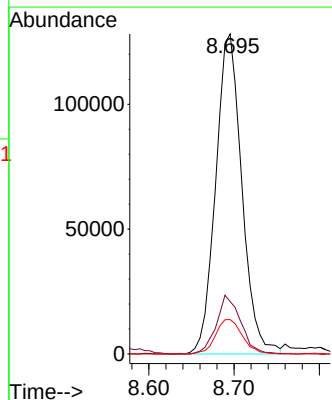
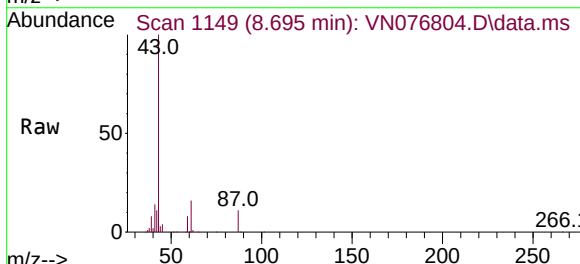
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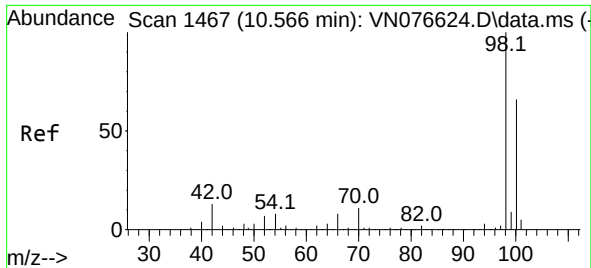
Tgt Ion: 43 Resp: 65343
Ion Ratio Lower Upper
43 100
61 12.0 9.9 14.9
70 0.0 7.8 11.6#



#43
Isopropyl Acetate
Concen: 34.639 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

Tgt Ion: 43 Resp: 273669
Ion Ratio Lower Upper
43 100
61 17.1 20.0 30.0#
87 11.0 9.9 14.9

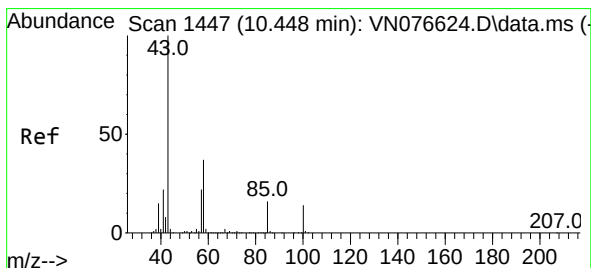
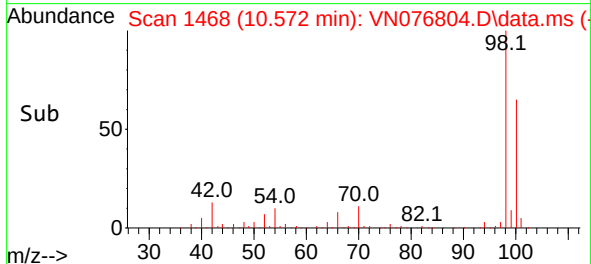
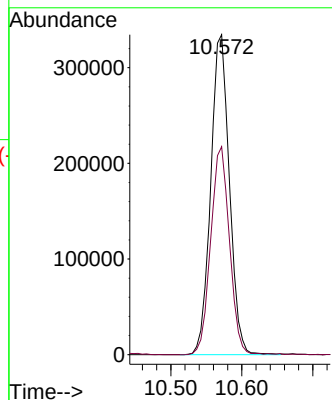
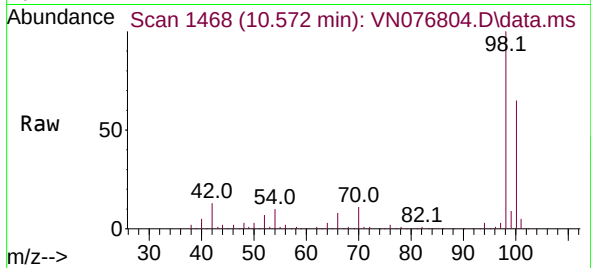




#50
Toluene-d8
Concen: 51.143 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

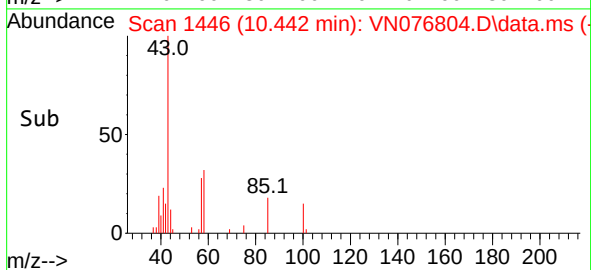
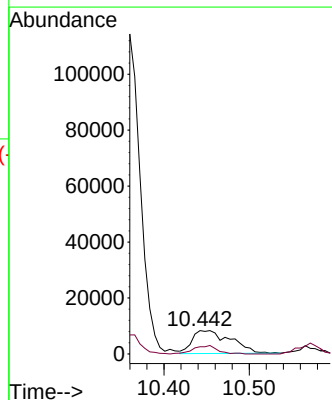
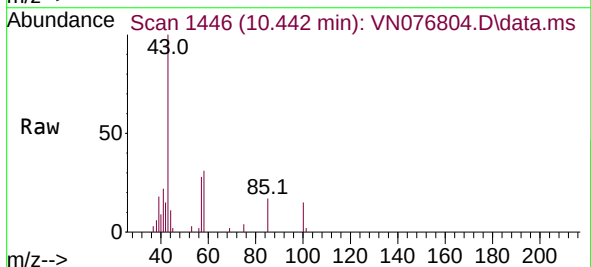
Instrument :
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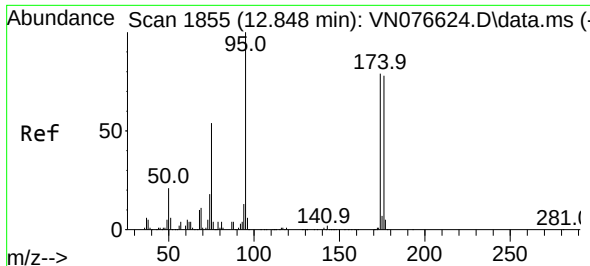
Tgt Ion: 98 Resp: 610023
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 5.137 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

Tgt Ion: 43 Resp: 25822
Ion Ratio Lower Upper
43 100
58 22.8 29.5 44.3#

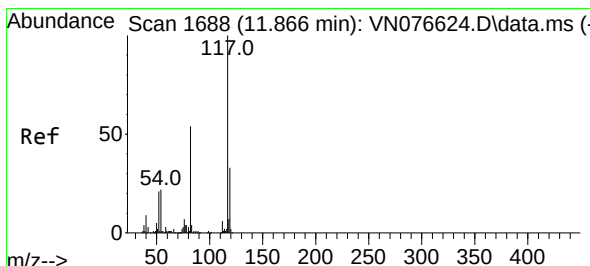
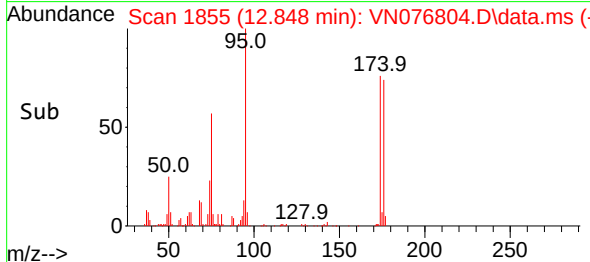
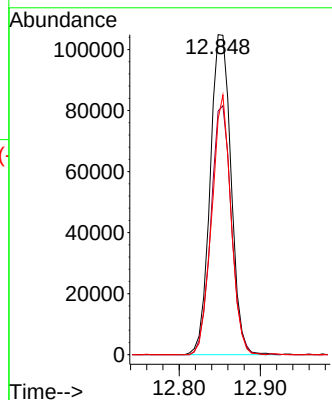
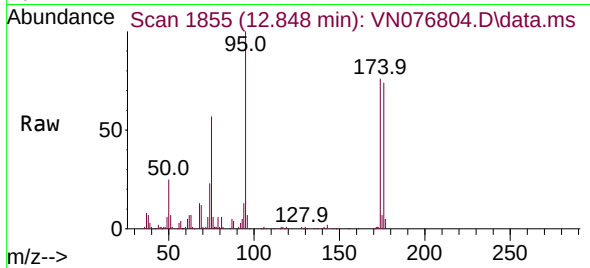




#62
4-Bromofluorobenzene
Concen: 47.442 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

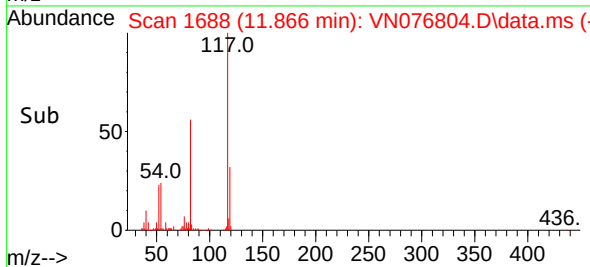
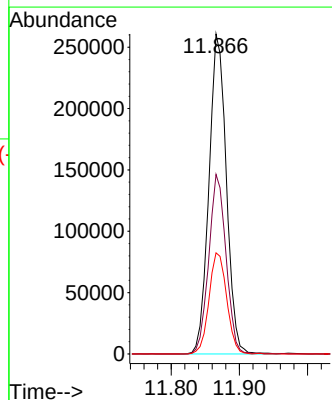
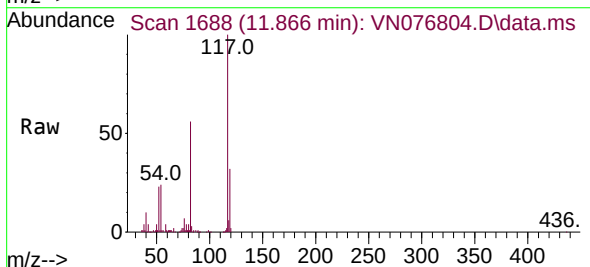
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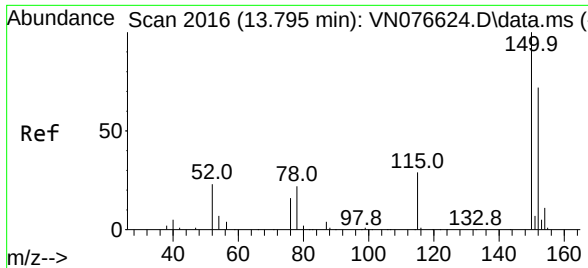
Tgt Ion: 95 Resp: 187419
Ion Ratio Lower Upper
95 100
174 75.7 0.0 169.2
176 74.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076804.D
Acq: 24 Feb 2023 13:02

Tgt Ion: 117 Resp: 463018
Ion Ratio Lower Upper
117 100
82 56.1 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# 20
 Delta R.T. -0.000 min
 Lab File: VN076804.D
 Acq: 24 Feb 2023 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151040TB

Tgt Ion:	152	Resp:	168720
Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	87.9
150	157.3	0.0	349.8

