

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076722.D
 Acq On : 16 Feb 2023 19:28
 Operator : JC\MD
 Sample : 01572-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200028

Quant Time: Feb 17 00:18:22 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)

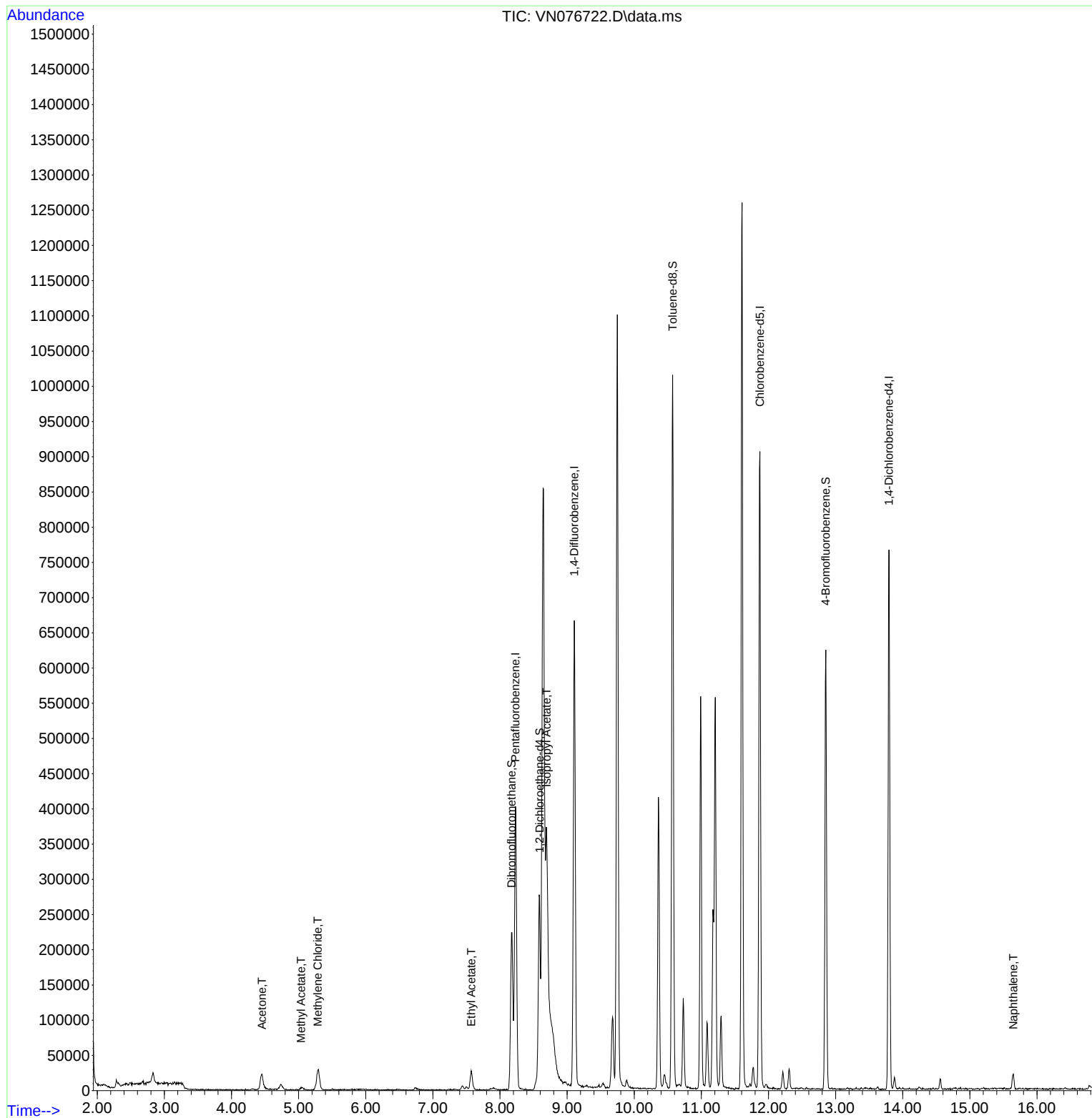
Internal Standards						
1) Pentafluorobenzene	8.230	168	281597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	543406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	195346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	208444	53.606	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.220%		
35) Dibromofluoromethane	8.172	113	157574	44.279	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 88.560%		
50) Toluene-d8	10.571	98	675606	50.836	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.680%		
62) 4-Bromofluorobenzene	12.854	95	204041	46.355	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.720%		
Target Compounds						
						Qvalue
16) Acetone	4.454	43	43665	25.139	ug/l	97
18) Methyl Acetate	5.037	43	7627	1.345	ug/l	99
20) Methylene Chloride	5.284	84	21124	5.803	ug/l #	83
37) Ethyl Acetate	7.572	43	39460	7.294	ug/l #	95
43) Isopropyl Acetate	8.695	43	527290	59.900	ug/l #	71
95) Naphthalene	15.648	128	19080	1.821	ug/l #	92

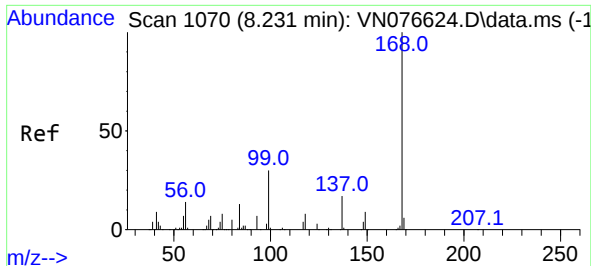
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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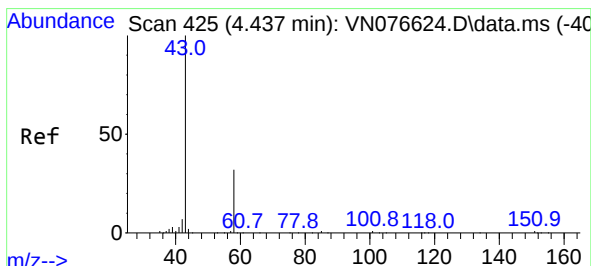
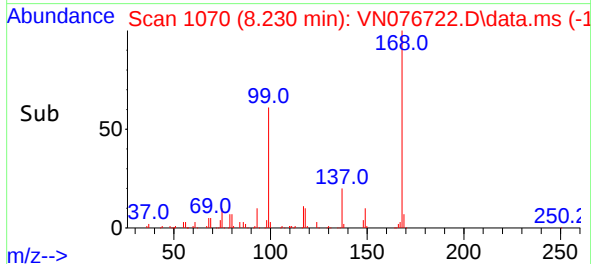
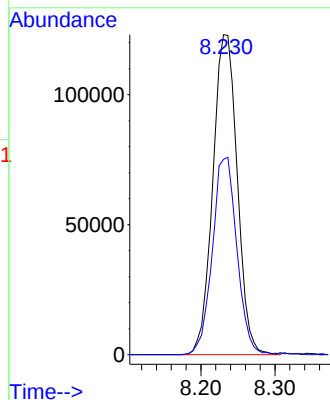
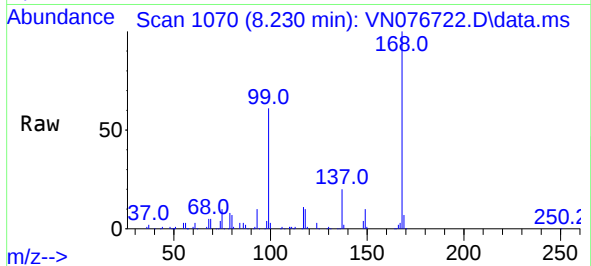




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

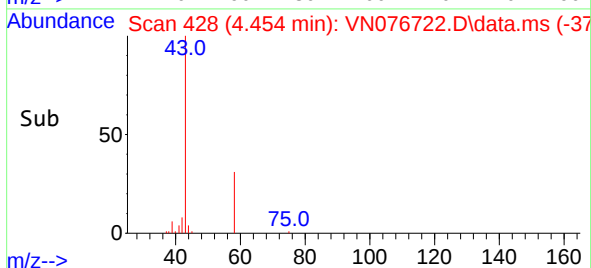
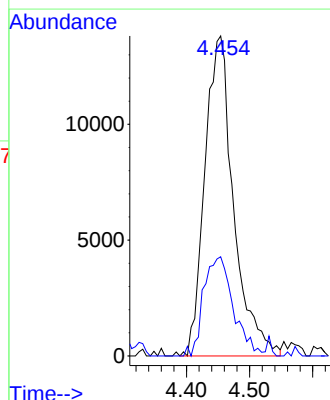
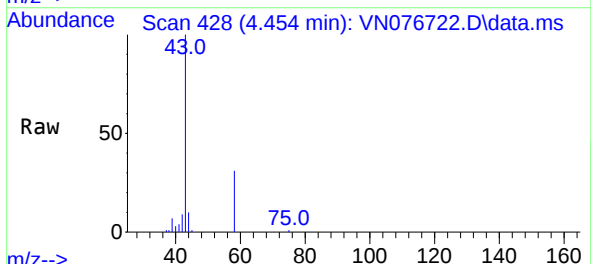
Instrument :
MSVOA_N
ClientSampleId :
RBR-200028

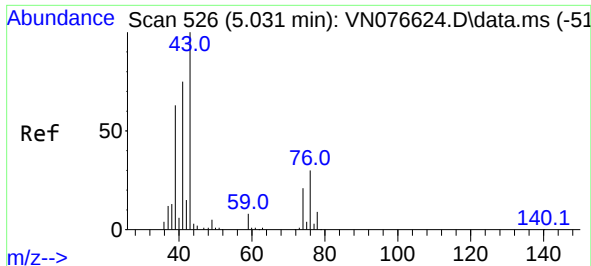
Tgt Ion:168 Resp: 281597
Ion Ratio Lower Upper
168 100
99 61.0 44.8 67.2



#16
Acetone
Concen: 25.139 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

Tgt Ion: 43 Resp: 43665
Ion Ratio Lower Upper
43 100
58 31.0 25.9 38.9

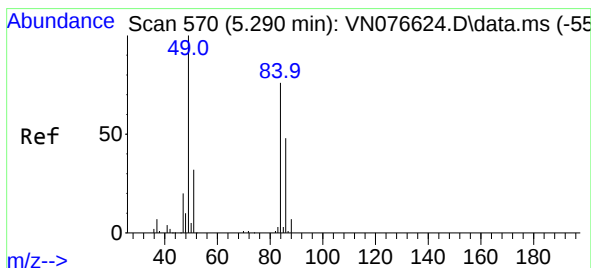
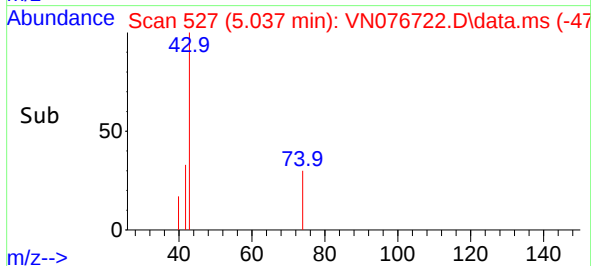
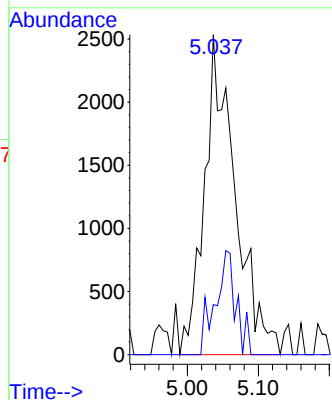
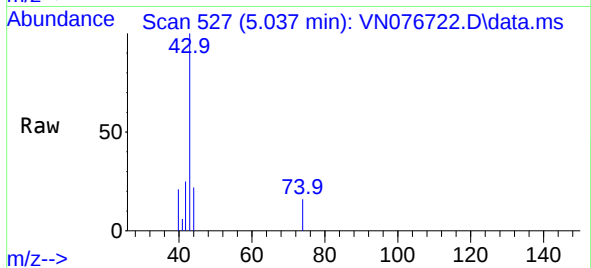




#18
Methyl Acetate
Concen: 1.345 ug/l
RT: 5.037 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

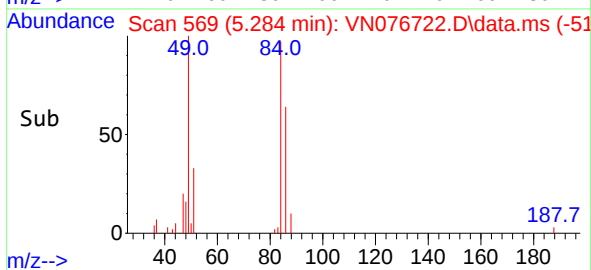
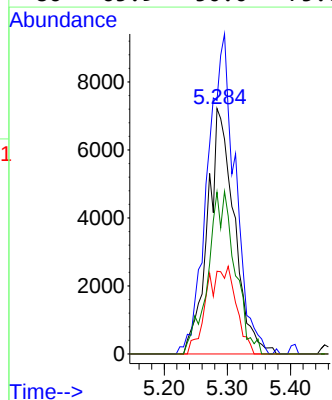
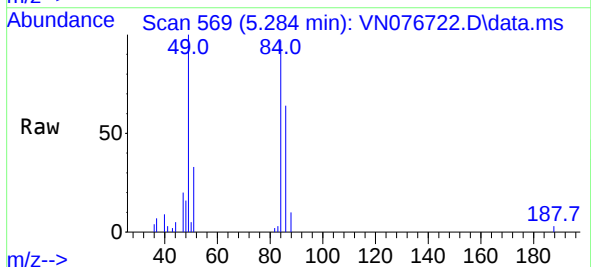
Instrument :
MSVOA_N
ClientSampleId :
RBR-200028

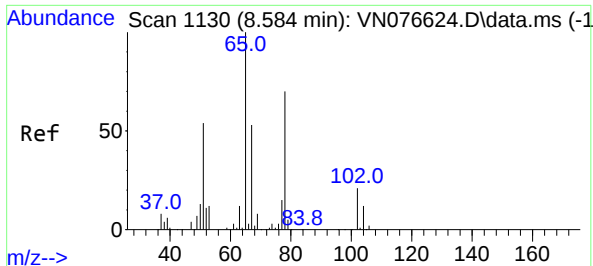
Tgt Ion: 43 Resp: 7627
Ion Ratio Lower Upper
43 100
74 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 5.803 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

Tgt Ion: 84 Resp: 21124
Ion Ratio Lower Upper
84 100
49 103.3 104.9 157.3#
51 33.7 33.8 50.8#
86 65.9 50.0 75.0

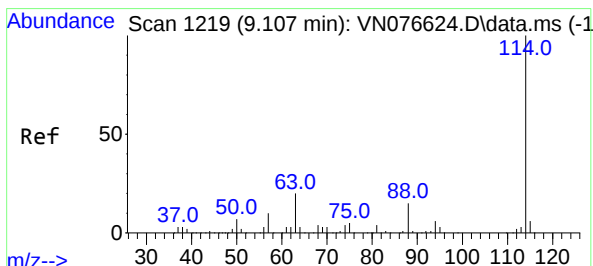
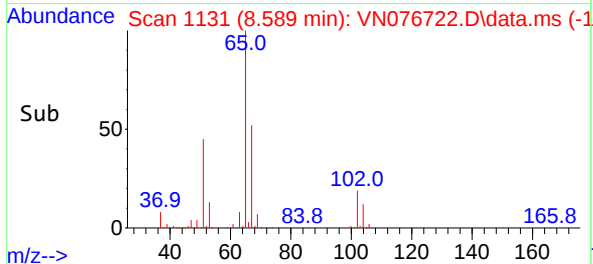
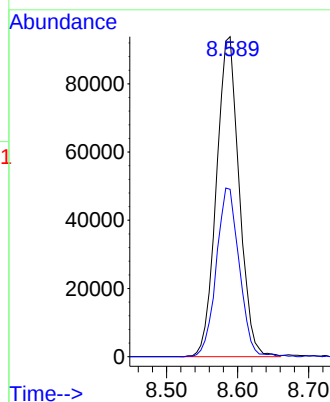
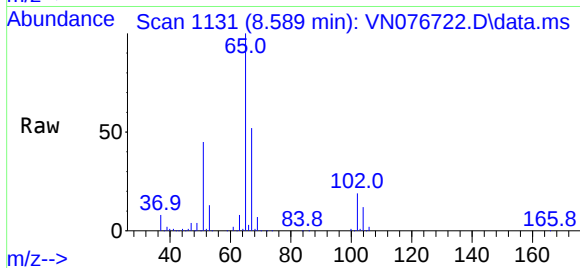




#33
1,2-Dichloroethane-d4
Concen: 53.606 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

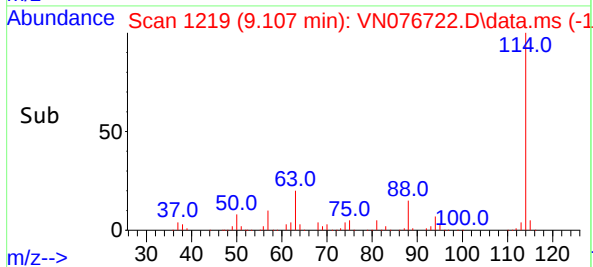
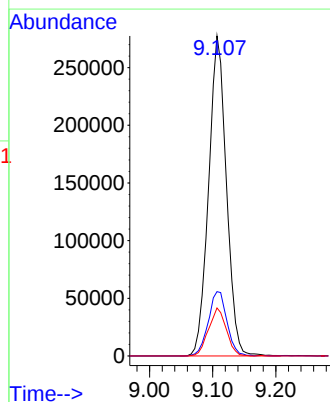
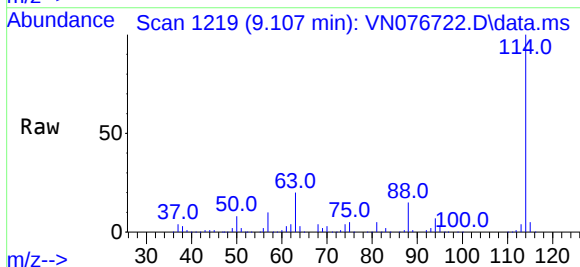
Instrument :
MSVOA_N
ClientSampleId :
RBR-200028

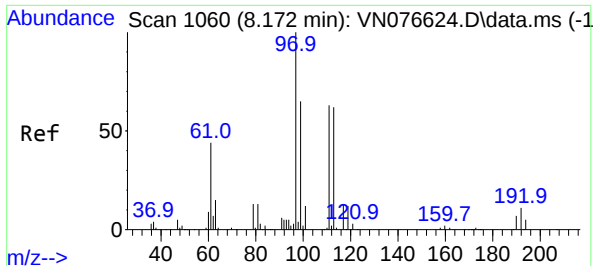
Tgt Ion: 65 Resp: 208444
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

Tgt Ion: 114 Resp: 543406
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 15.0 0.0 29.6

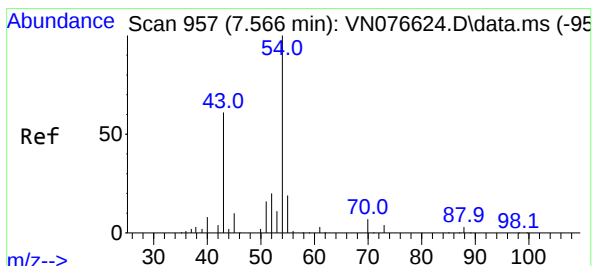
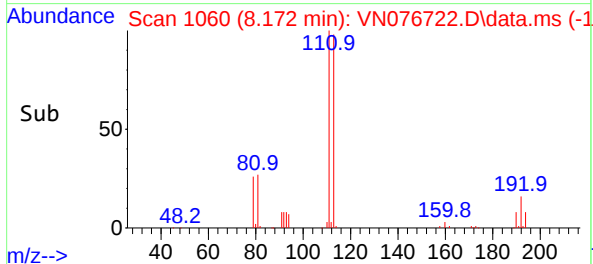
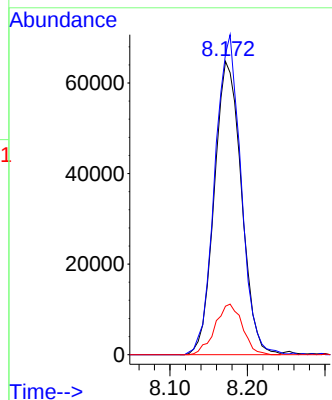
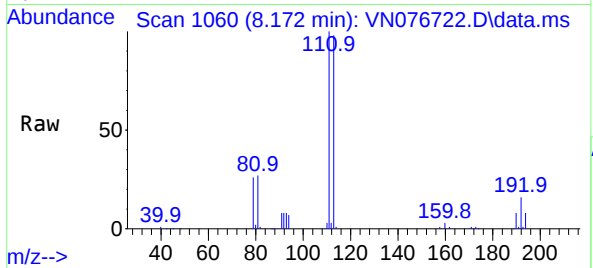




#35
Dibromofluoromethane
Concen: 44.279 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

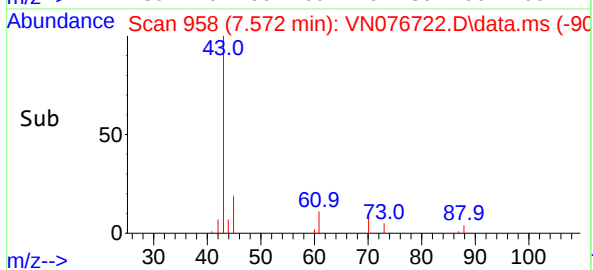
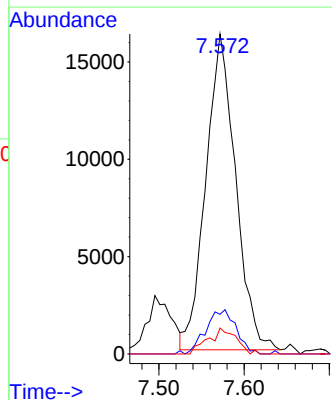
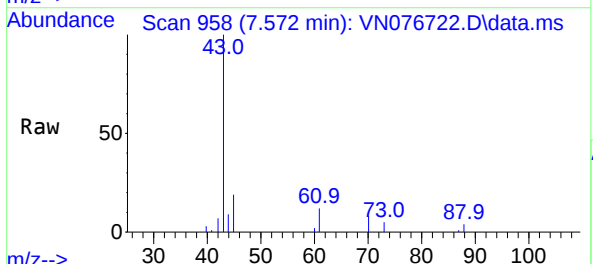
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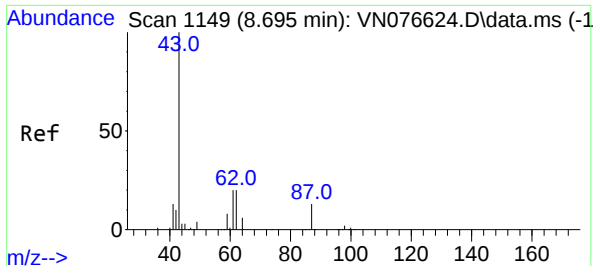
Tgt Ion:113 Resp: 157574
Ion Ratio Lower Upper
113 100
111 105.2 83.1 124.7
192 17.3 15.6 23.4



#37
Ethyl Acetate
Concen: 7.294 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

Tgt Ion: 43 Resp: 39460
Ion Ratio Lower Upper
43 100
61 14.3 9.9 14.9
70 7.7 7.8 11.6#

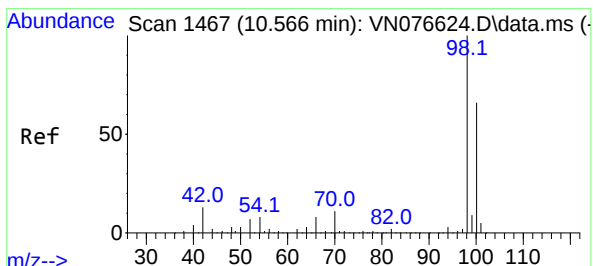
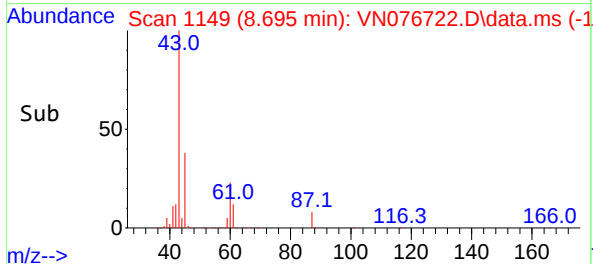
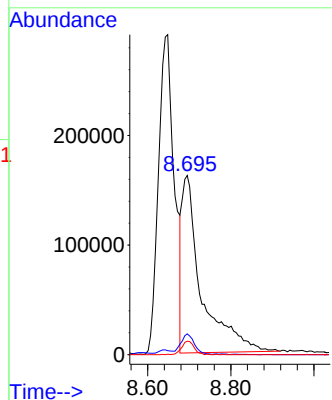
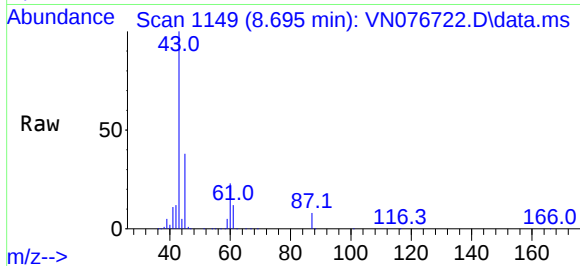




#43
Isopropyl Acetate
Concen: 59.900 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

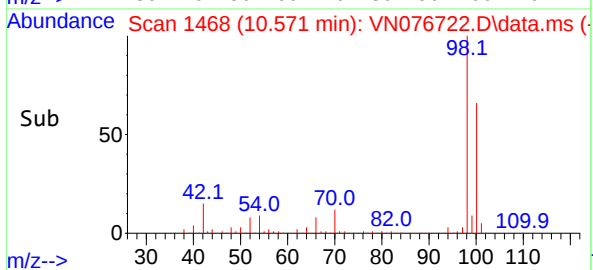
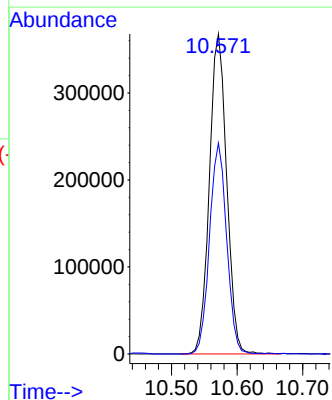
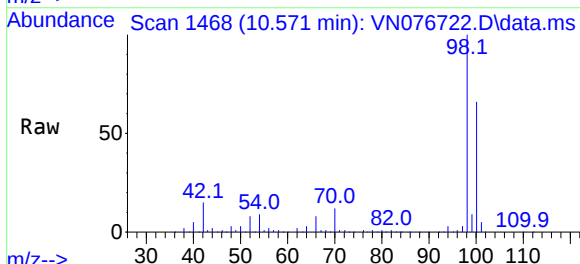
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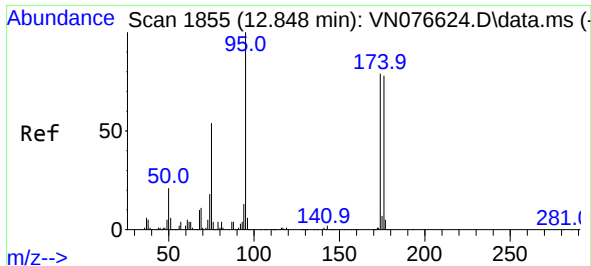
Tgt Ion: 43 Resp: 527290
Ion Ratio Lower Upper
43 100
61 7.8 20.0 30.0#
87 4.9 9.9 14.9#



#50
Toluene-d8
Concen: 50.836 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

Tgt Ion: 98 Resp: 675606
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

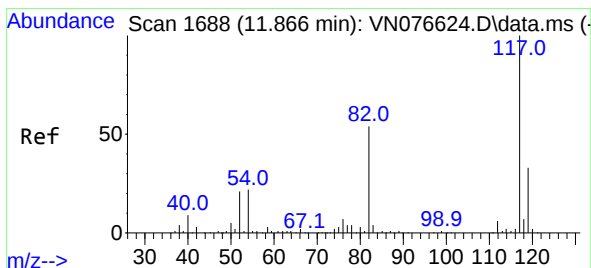
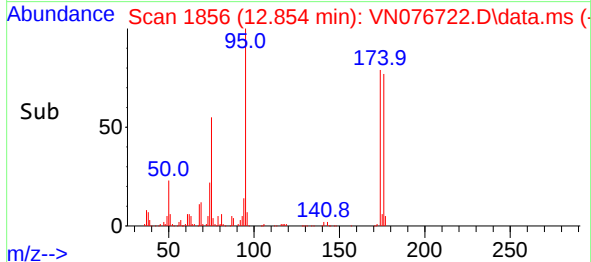
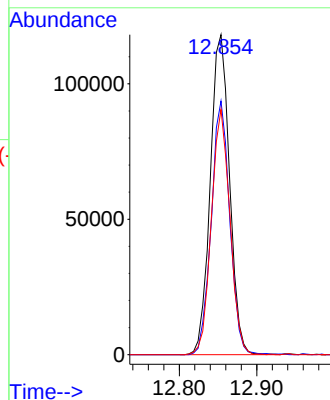
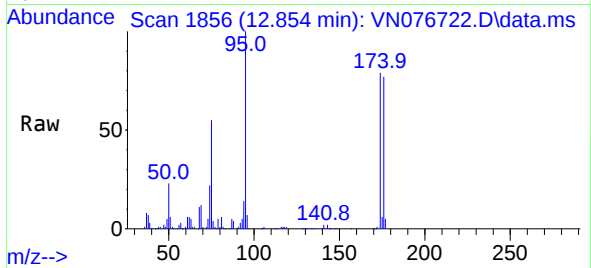




#62
4-Bromofluorobenzene
Concen: 46.355 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

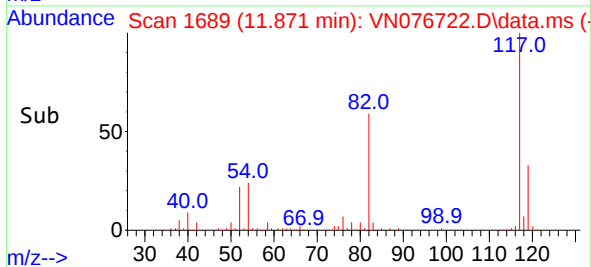
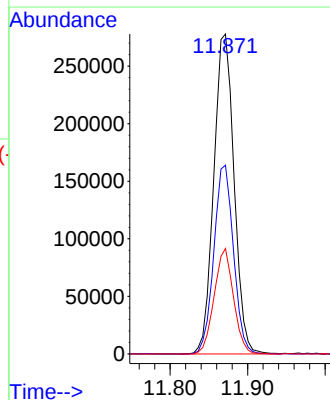
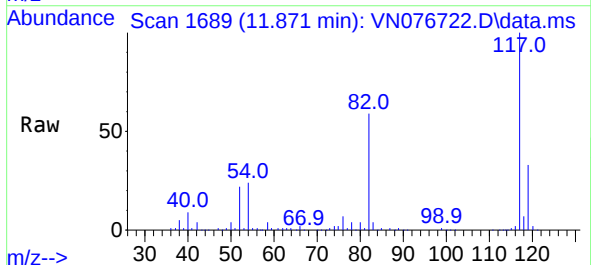
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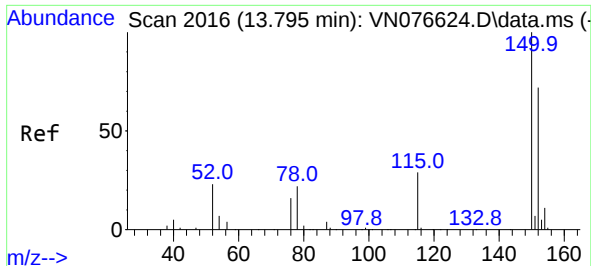
Tgt Ion: 95 Resp: 204041
Ion Ratio Lower Upper
95 100
174 76.1 0.0 169.2
176 73.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

Tgt Ion: 117 Resp: 506388
Ion Ratio Lower Upper
117 100
82 59.0 43.4 65.2
119 33.0 26.1 39.1

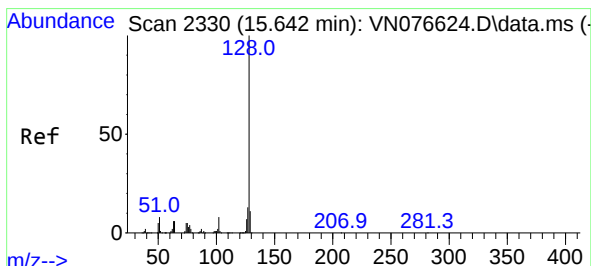
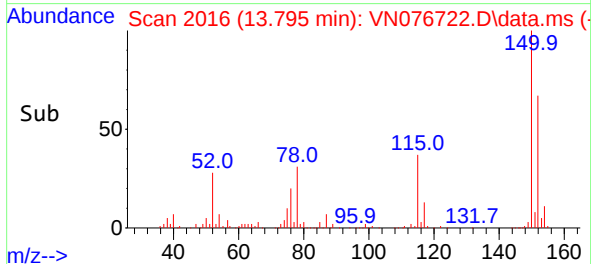
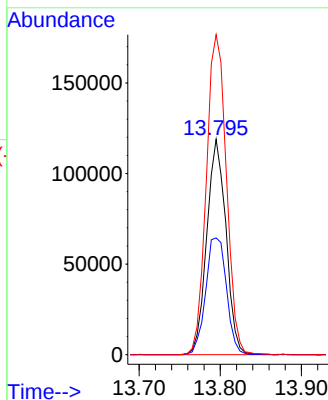
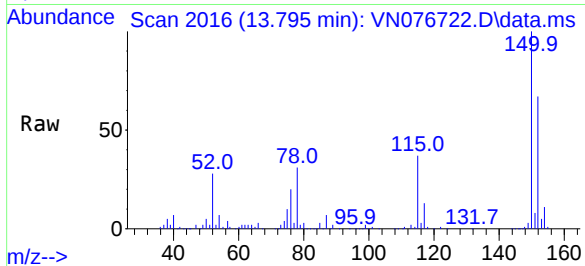




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
RBR-200028

Tgt Ion:152 Resp: 195346
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 154.9 0.0 349.8



#95
Naphthalene
Concen: 1.821 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076722.D
Acq: 16 Feb 2023 19:28

Tgt Ion:128 Resp: 19080
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 4.5 8.6 13.0#

