

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076671.D
 Acq On : 14 Feb 2023 19:24
 Operator : JC\MD
 Sample : 01553-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-01

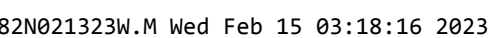
Quant Time: Feb 15 03:18:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

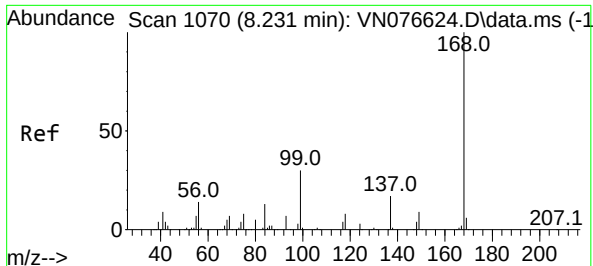
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	370550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	656670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	585334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	230332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	262547	51.311	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.620%	
35) Dibromofluoromethane	8.177	113	203522	47.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.660%	
50) Toluene-d8	10.571	98	805738	50.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.848	95	254095	47.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.972	94	1035	0.338	ug/l #	52
16) Acetone	4.442	43	871	0.381	ug/l #	88
31) Cyclohexane	8.230	56	9755	1.215	ug/l #	50
36) 1,1-Dichloropropene	8.230	75	34239	5.511	ug/l #	49
38) Carbon Tetrachloride	8.230	117	40089	6.396	ug/l #	18
43) Isopropyl Acetate	8.754	43	7535	0.708	ug/l #	56
51) 4-Methyl-2-Pentanone	10.571	43	4981	0.736	ug/l #	1
71) Bromoform	12.854	173	2062	0.624	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	138123	29.661	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	138123	86.391	ug/l #	4

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

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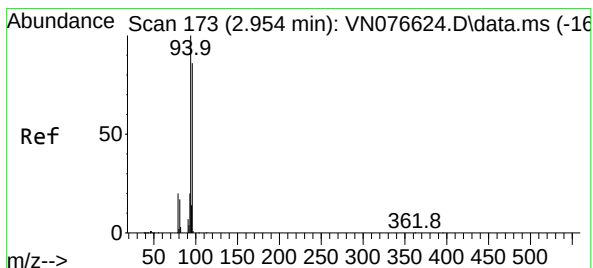
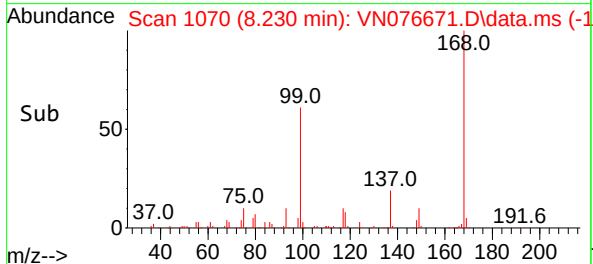
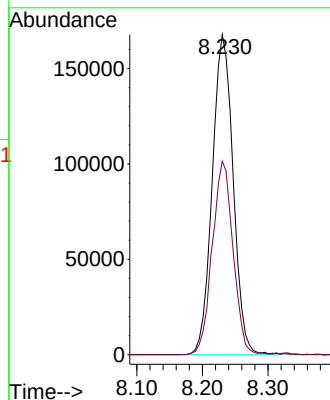
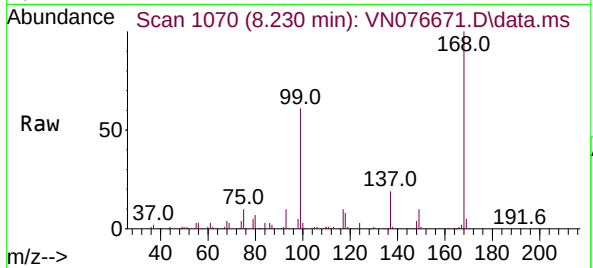




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

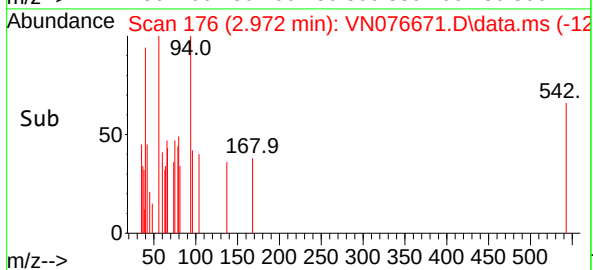
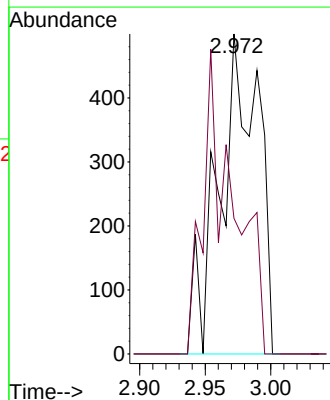
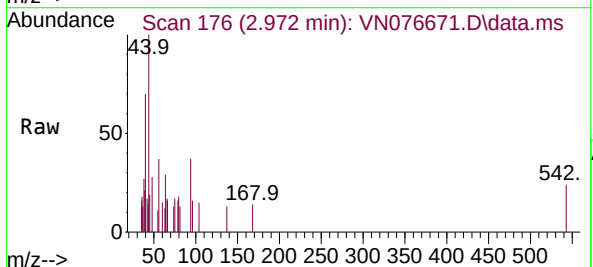
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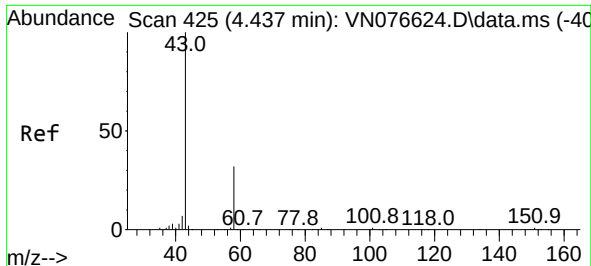
Tgt Ion:168 Resp: 370550
Ion Ratio Lower Upper
168 100
99 60.5 44.8 67.2



#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.018 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Tgt Ion: 94 Resp: 1035
Ion Ratio Lower Upper
94 100
96 42.4 69.0 103.4#

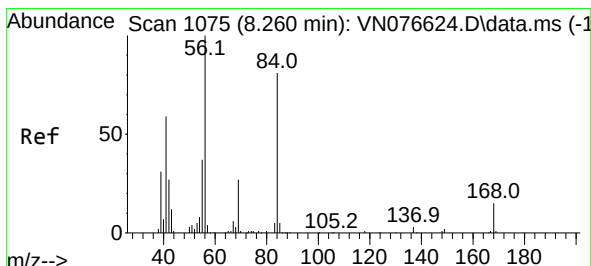
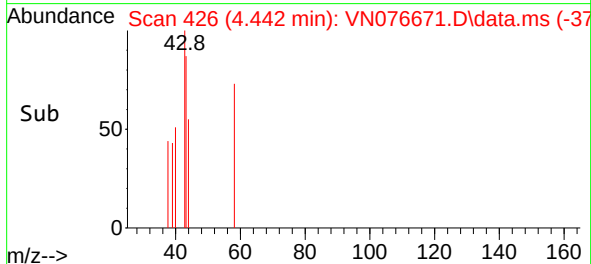
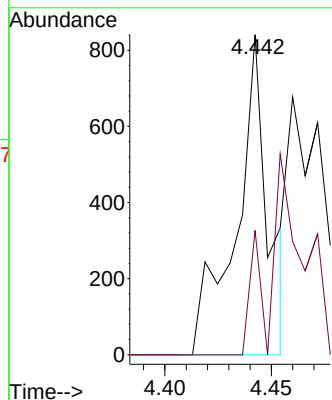
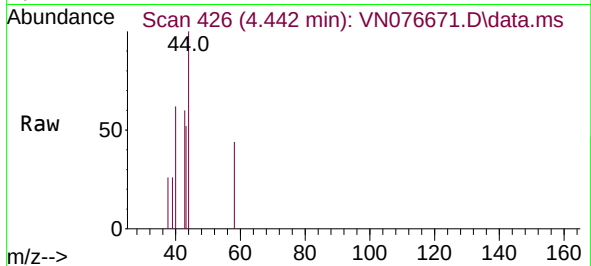




#16
Acetone
Concen: 0.381 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

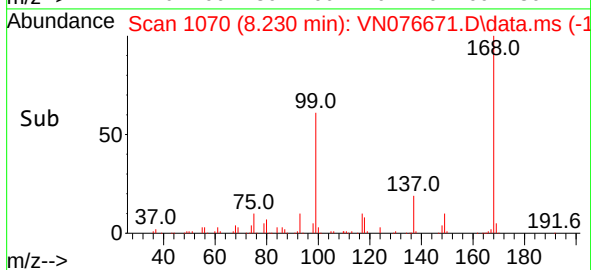
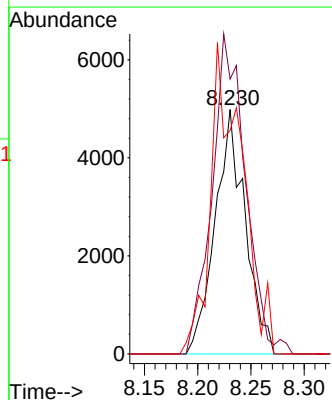
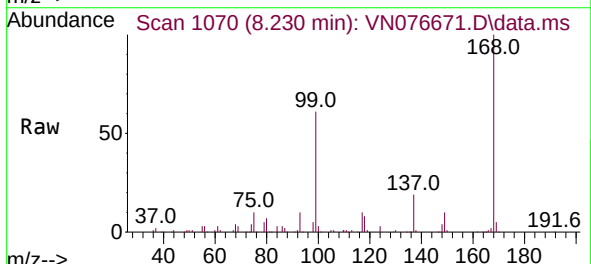
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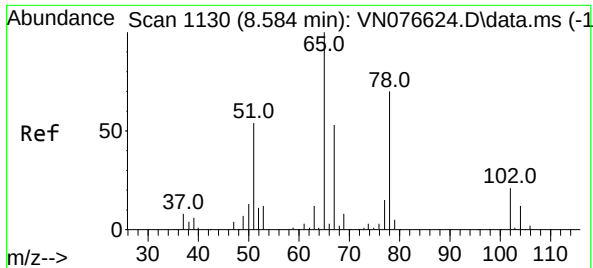
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
58 38.9 25.9 38.9#



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.030 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Tgt Ion: 56 Resp: 9755
Ion Ratio Lower Upper
56 100
69 112.5 21.6 32.4#
84 91.4 65.1 97.7





#33

1,2-Dichloroethane-d4

Concen: 51.311 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076671.D

Acq: 14 Feb 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

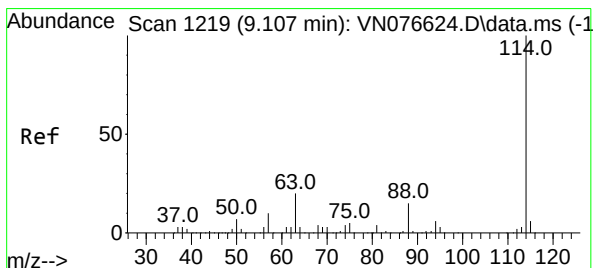
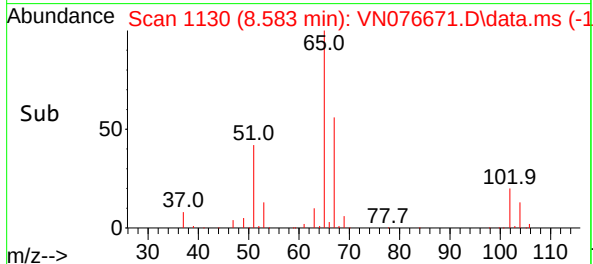
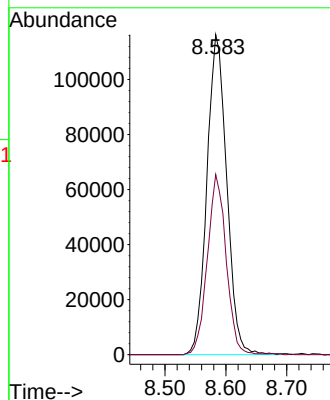
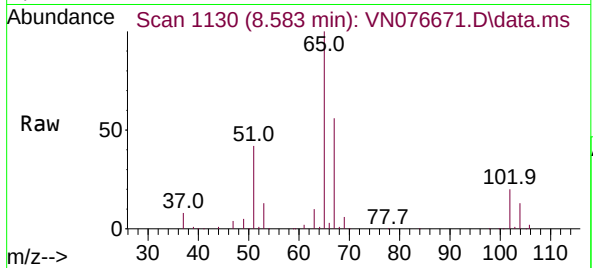
TWP-01

Tgt Ion: 65 Resp: 262547

Ion Ratio Lower Upper

65 100

67 53.4 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: VN076671.D

Acq: 14 Feb 2023 19:24

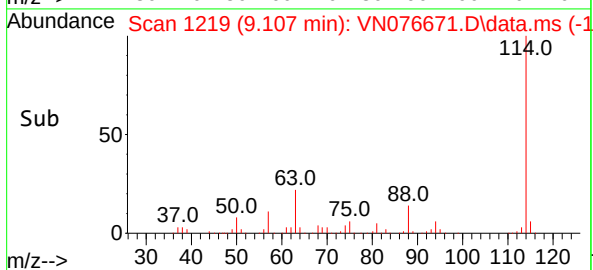
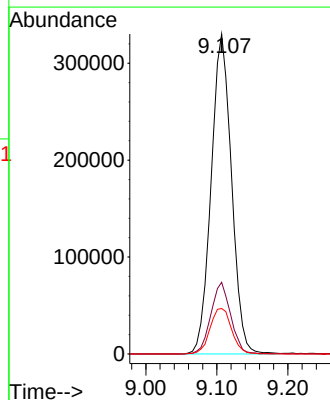
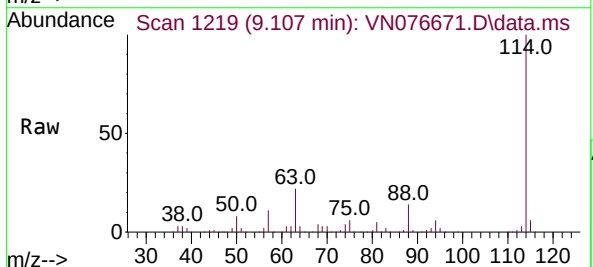
Tgt Ion: 114 Resp: 656670

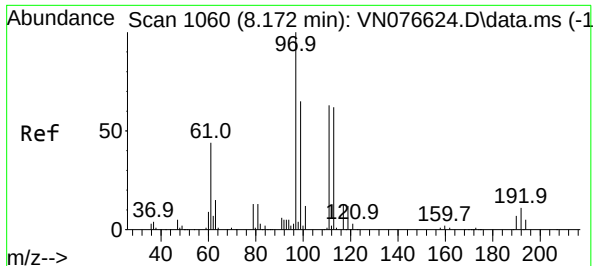
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 14.2 0.0 29.6

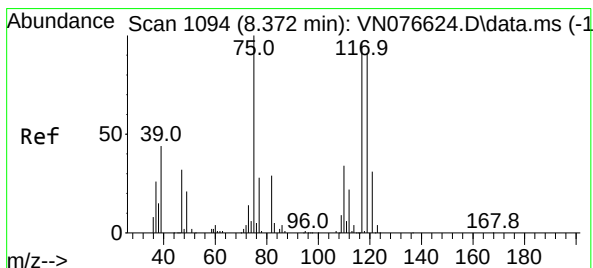
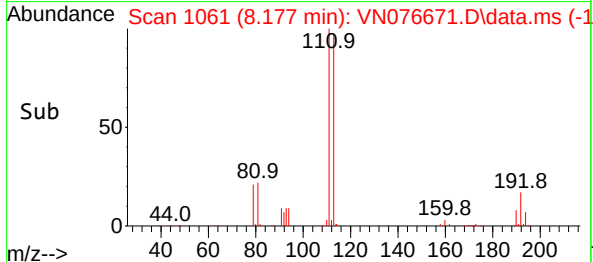
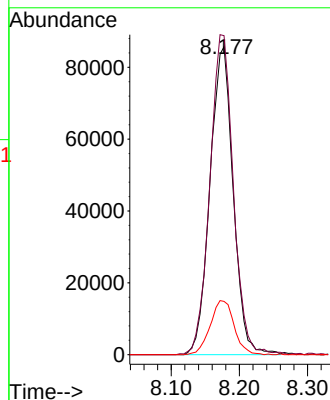
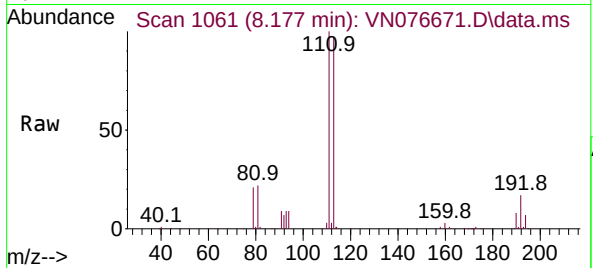




#35
Dibromofluoromethane
Concen: 47.326 ug/l
RT: 8.177 min Scan# 1060
Delta R.T. 0.005 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

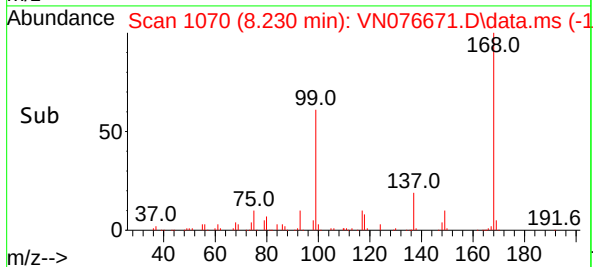
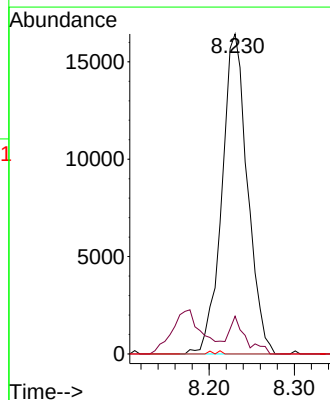
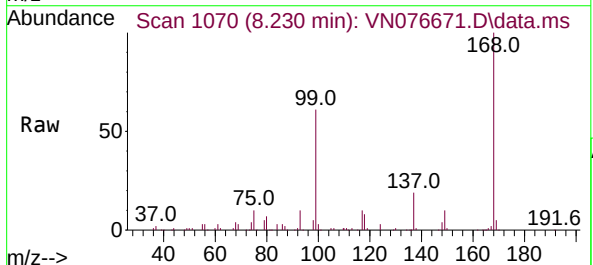
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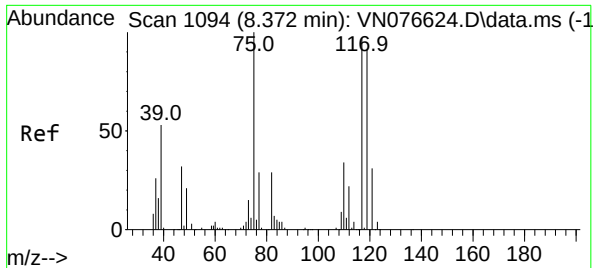
Tgt Ion:113 Resp: 203522
Ion Ratio Lower Upper
113 100
111 104.9 83.1 124.7
192 18.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.511 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.142 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Tgt Ion: 75 Resp: 34239
Ion Ratio Lower Upper
75 100
110 7.2 17.5 52.5#
77 0.3 24.5 36.7#

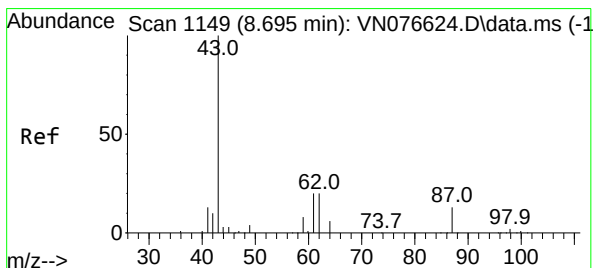
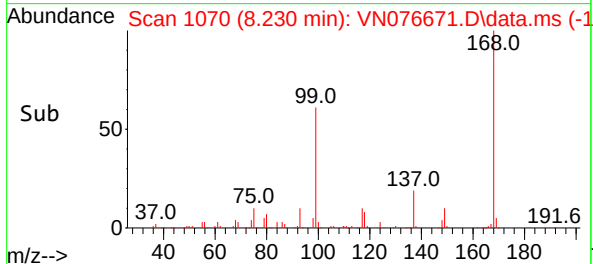
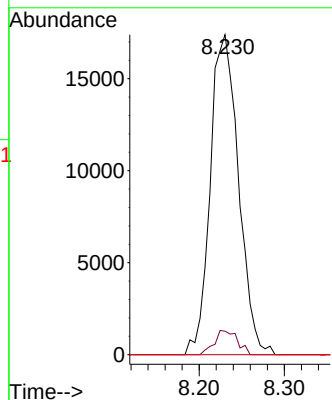
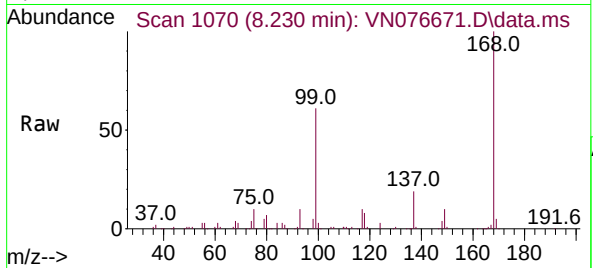




#38
Carbon Tetrachloride
Concen: 6.396 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.142 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

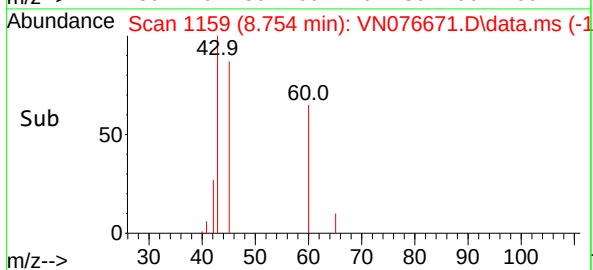
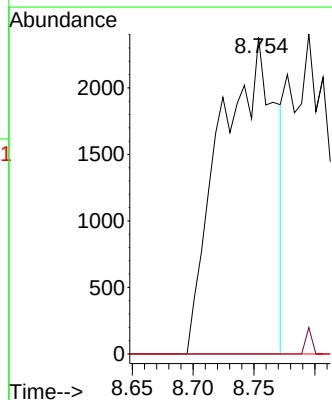
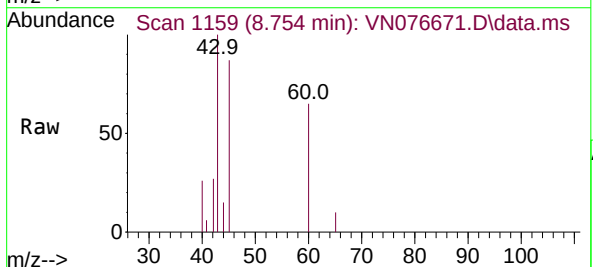
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ClientSampleId :
TWP-01

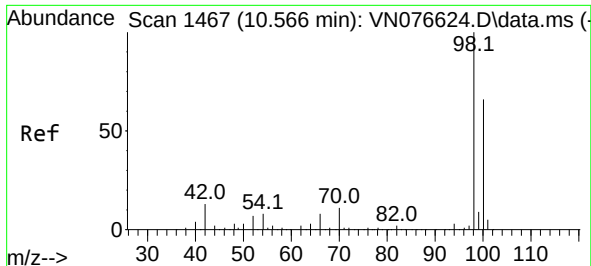
Tgt Ion:117 Resp: 40089
Ion Ratio Lower Upper
117 100
119 7.3 75.4 113.0#
121 0.0 26.0 39.0#



#43
Isopropyl Acetate
Concen: 0.708 ug/l
RT: 8.754 min Scan# 1159
Delta R.T. 0.059 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Tgt Ion: 43 Resp: 7535
Ion Ratio Lower Upper
43 100
61 0.0 20.0 30.0#
87 0.0 9.9 14.9#

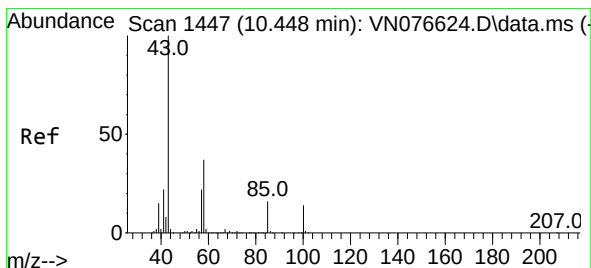
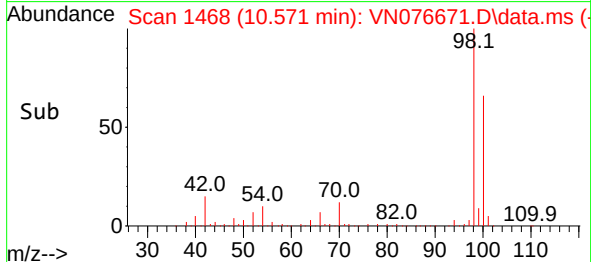
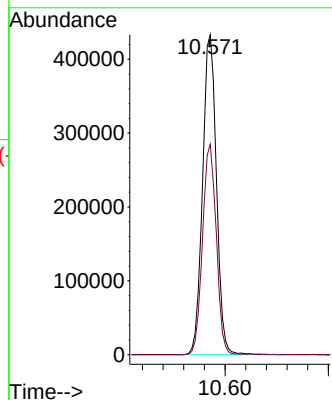
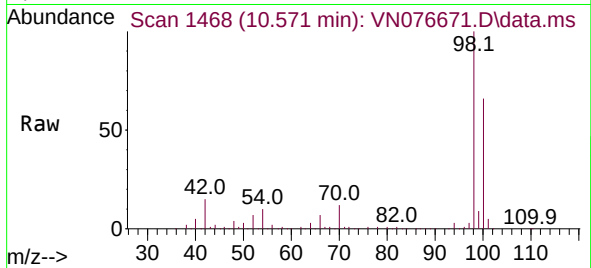




#50
Toluene-d8
Concen: 50.170 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

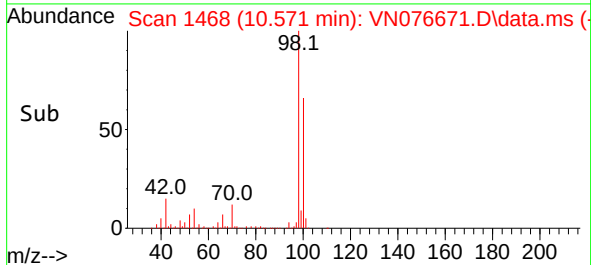
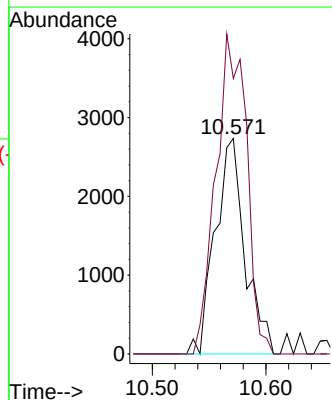
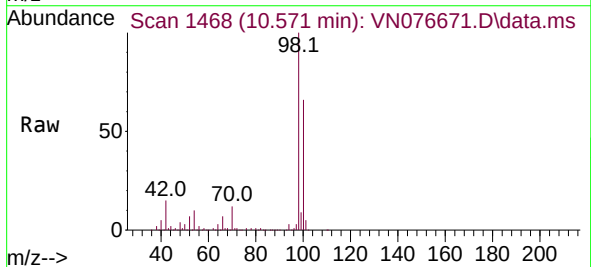
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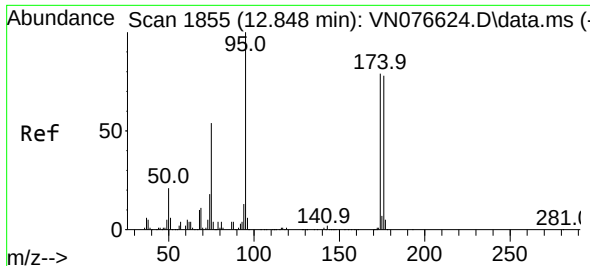
Tgt Ion: 98 Resp: 805738
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.736 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.123 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Tgt Ion: 43 Resp: 4981
Ion Ratio Lower Upper
43 100
58 153.3 29.5 44.3#

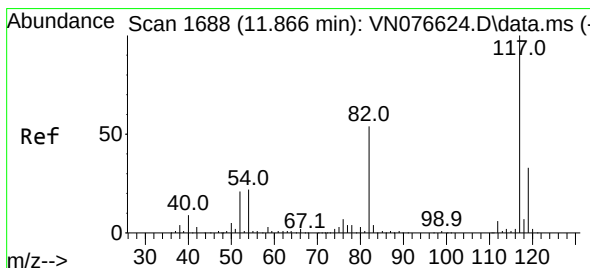
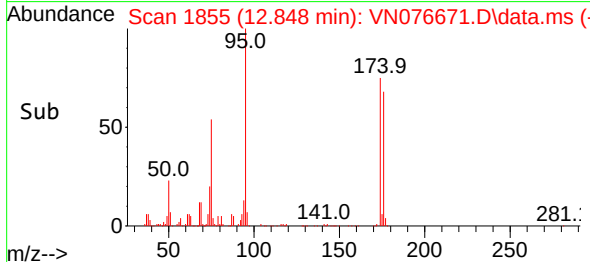
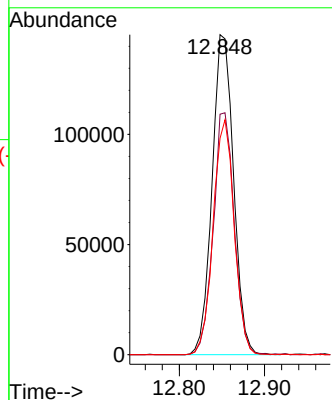
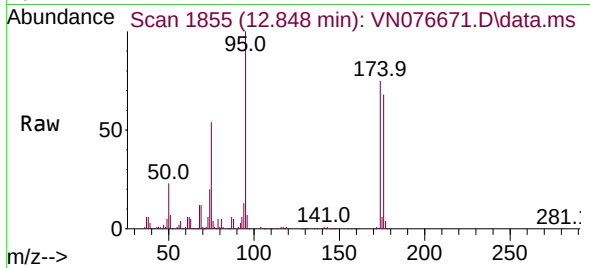




#62
4-Bromofluorobenzene
Concen: 47.770 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

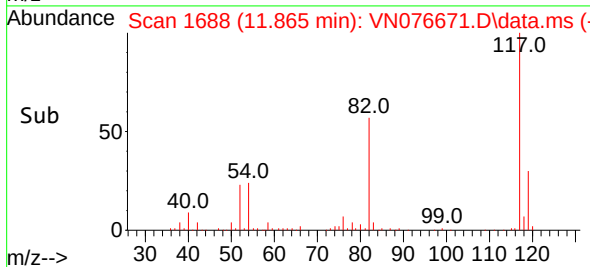
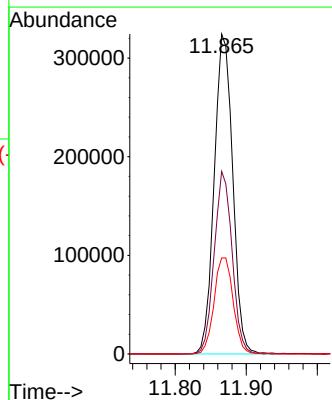
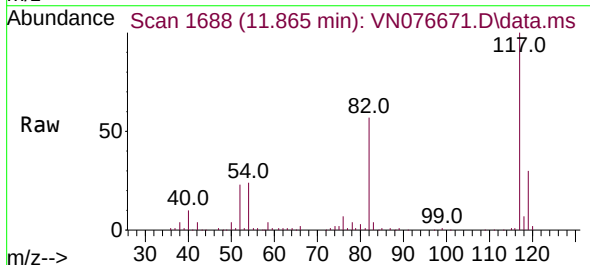
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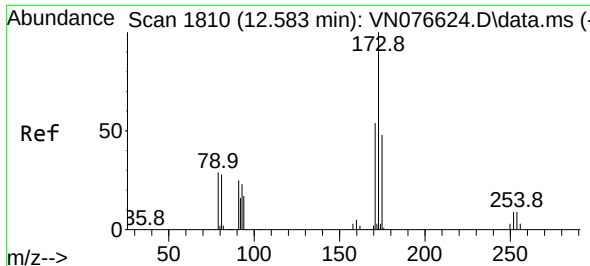
Tgt Ion: 95 Resp: 254095
Ion Ratio Lower Upper
95 100
174 73.8 0.0 169.2
176 72.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Tgt Ion: 117 Resp: 585334
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.2
119 30.0 26.1 39.1

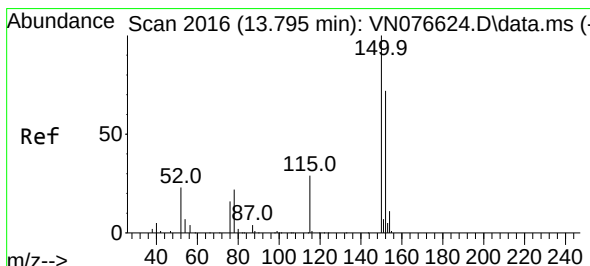
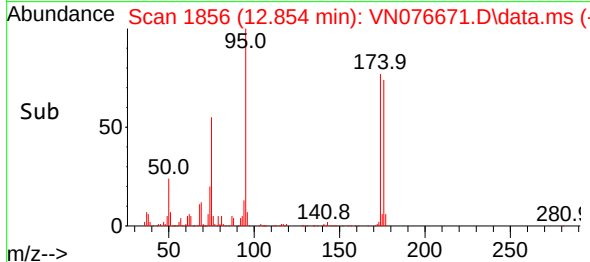
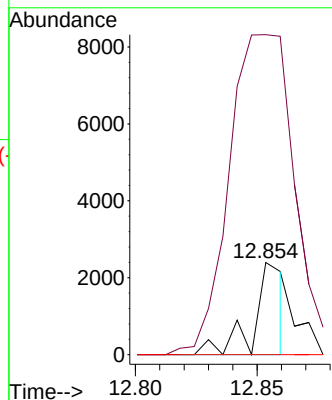
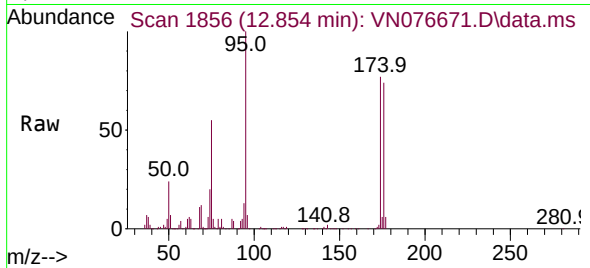




#71
Bromoform
Concen: 0.624 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

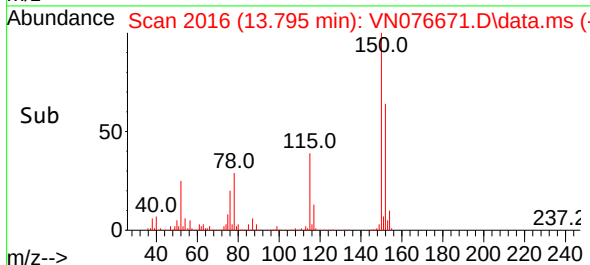
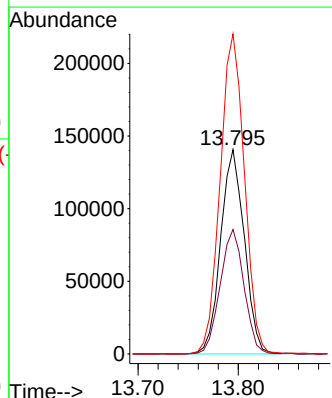
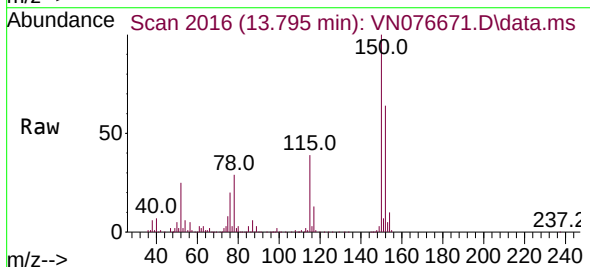
Instrument :
MSVOA_N
ClientSampleId :
TWP-01

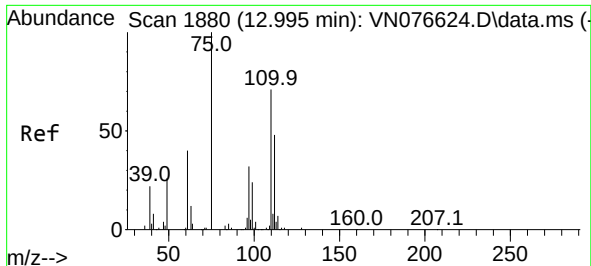
Tgt Ion:173 Resp: 2062
Ion Ratio Lower Upper
173 100
175 625.3 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Tgt Ion:152 Resp: 230332
Ion Ratio Lower Upper
152 100
115 61.4 29.3 87.9
150 160.4 0.0 349.8

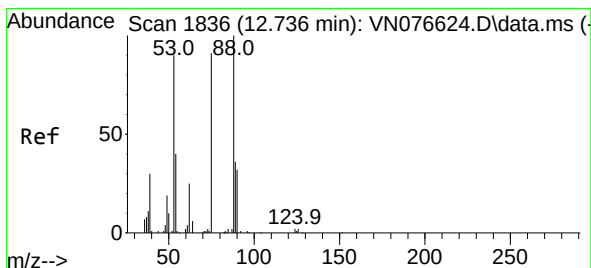
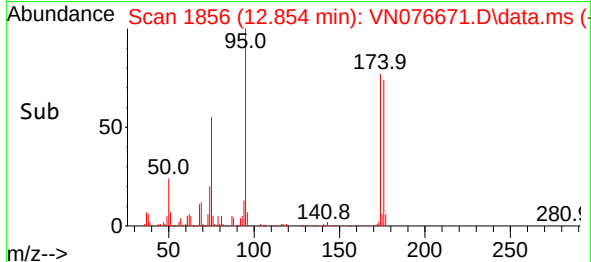
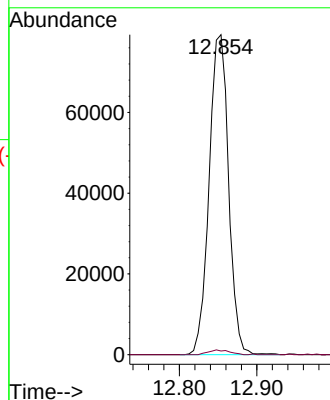
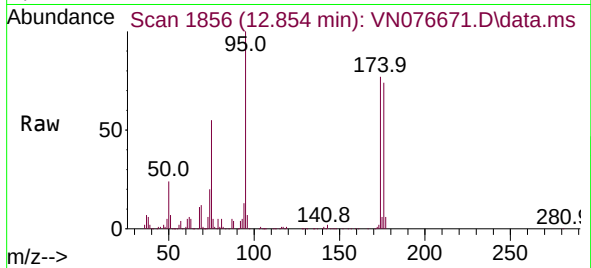




#76
1,2,3-Trichloropropane
Concen: 29.661 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Instrument :
MSVOA_N
ClientSampleId :
TWP-01

Tgt Ion: 75 Resp: 138123
Ion Ratio Lower Upper
75 100
77 1.6 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.391 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076671.D
Acq: 14 Feb 2023 19:24

Tgt Ion: 75 Resp: 138123
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.1 37.5 56.3#

