

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076779.D
 Acq On : 22 Feb 2023 18:28
 Operator : JC\MD
 Sample : 01657-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2023-2-15

Quant Time: Feb 22 23:59:22 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)

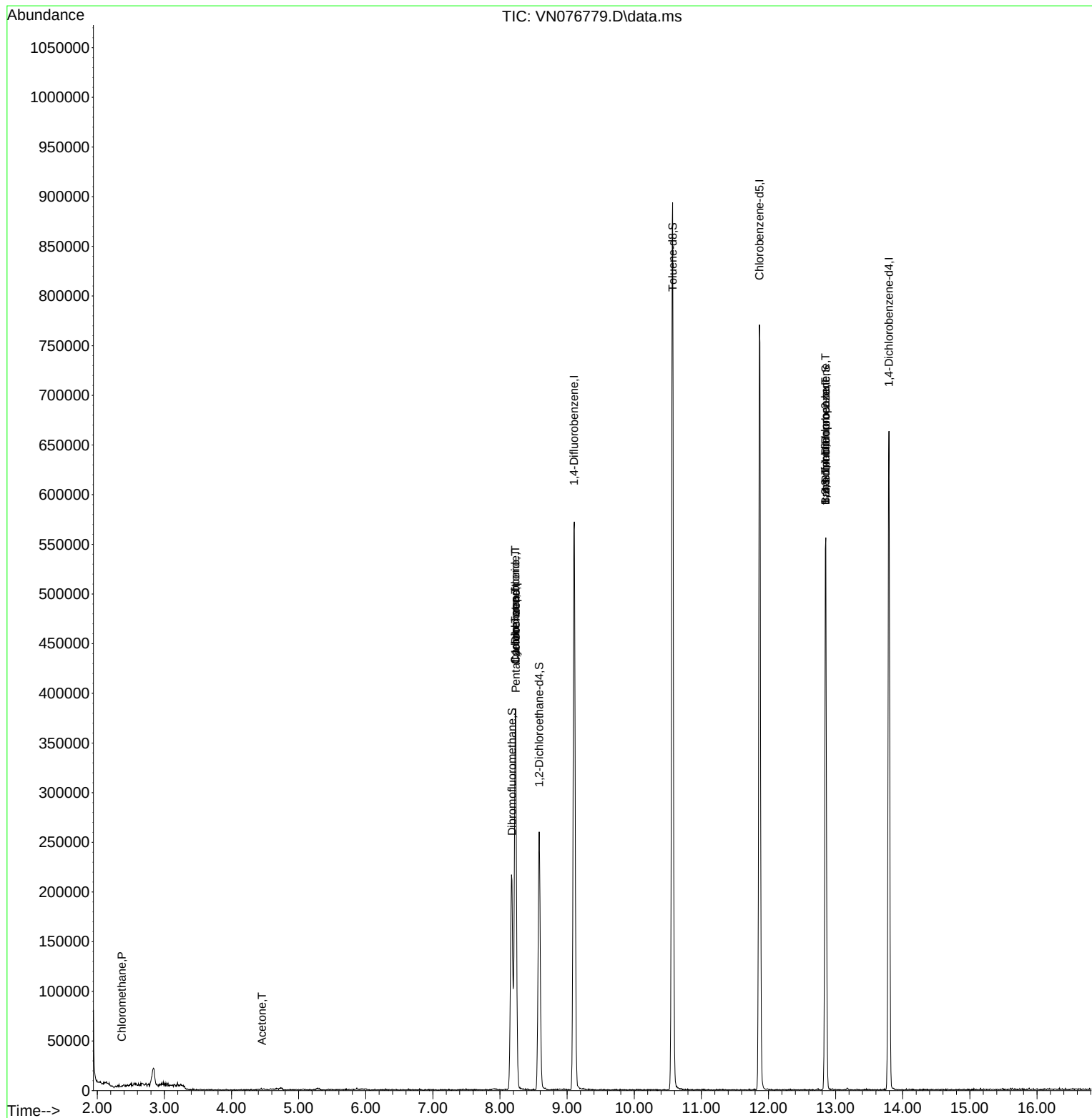
Internal Standards						
1) Pentafluorobenzene	8.237	168	271158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	487884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	422116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	164296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	199748	53.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.700%	
35) Dibromofluoromethane	8.178	113	153551	48.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.120%	
50) Toluene-d8	10.572	98	595174	49.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.854	95	176042	44.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.366	50	790	0.210	ug/l #	81
16) Acetone	4.454	43	1329	0.795	ug/l #	42
31) Cyclohexane	8.231	56	7523	1.281	ug/l #	24
36) 1,1-Dichloropropene	8.231	75	25214	5.462	ug/l #	48
38) Carbon Tetrachloride	8.231	117	28920	6.210	ug/l #	18
71) Bromoform	12.848	173	2886	1.211	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	101387	30.524	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	101387	88.902	ug/l #	4

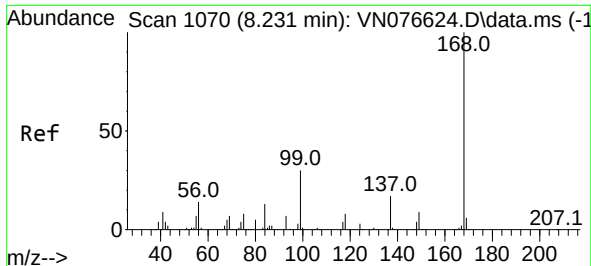
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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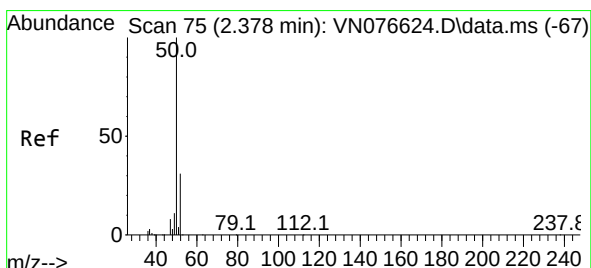
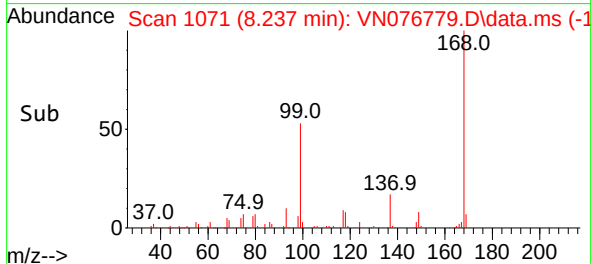
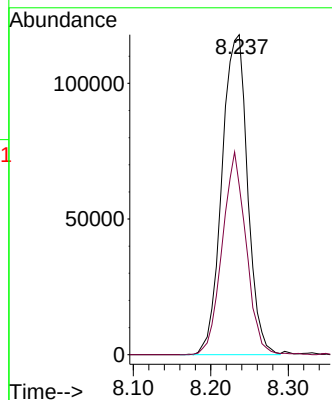
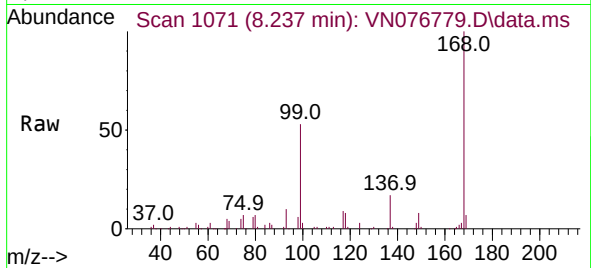




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.237 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

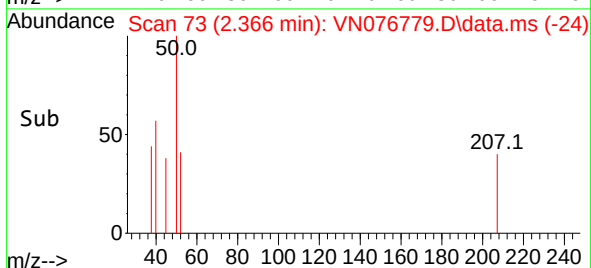
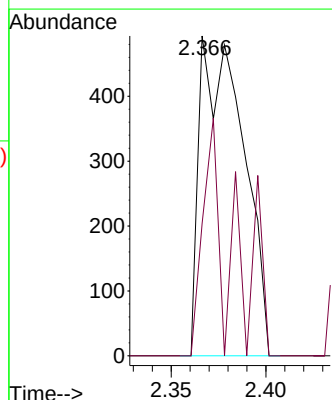
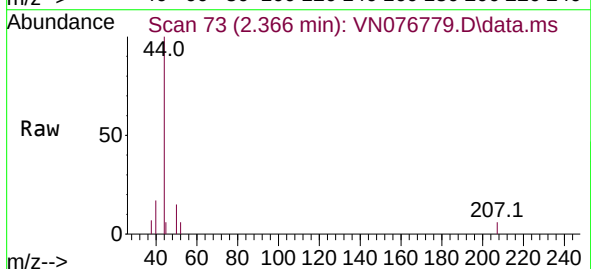
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-2-15

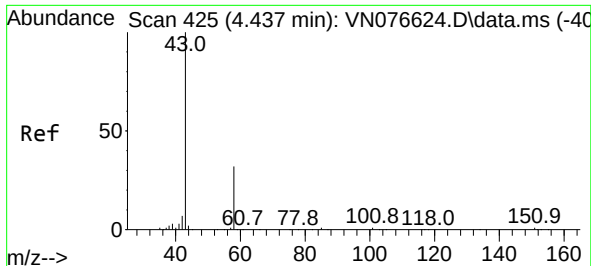
Tgt Ion:168 Resp: 271158
Ion Ratio Lower Upper
168 100
99 52.8 44.8 67.2



#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.366 min Scan# 73
Delta R.T. -0.012 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

Tgt Ion: 50 Resp: 790
Ion Ratio Lower Upper
50 100
52 41.4 24.7 37.1#

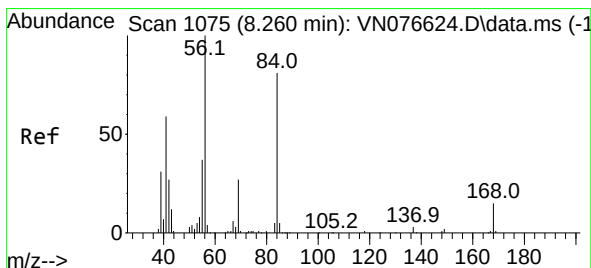
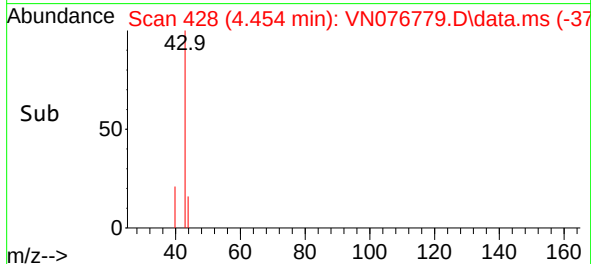
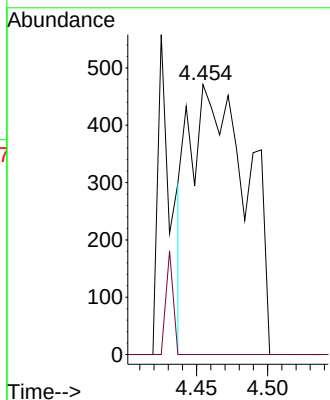
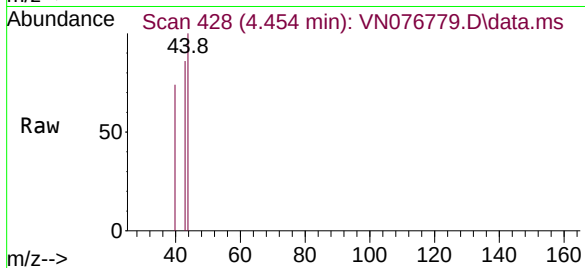




#16
Acetone
Concen: 0.795 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

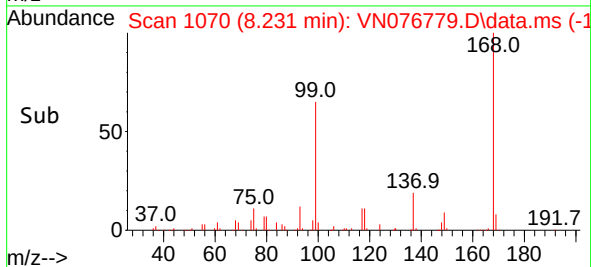
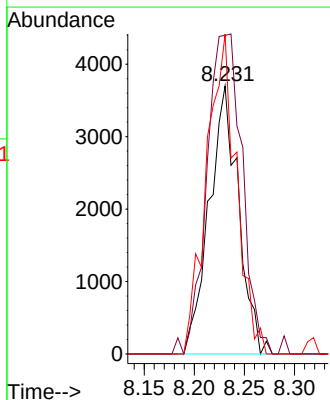
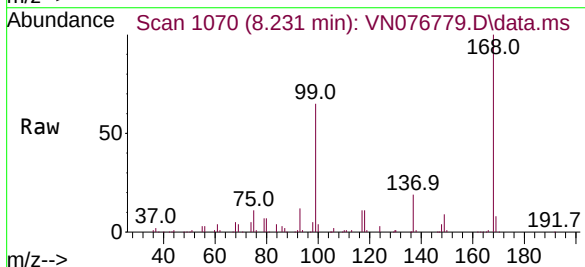
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ClientSampleId :
TB-2023-2-15

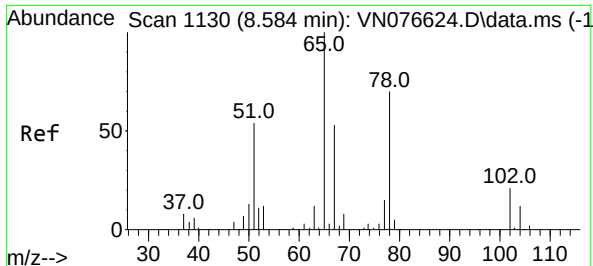
Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



#31
Cyclohexane
Concen: 1.281 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

Tgt Ion: 56 Resp: 7523
Ion Ratio Lower Upper
56 100
69 118.8 21.6 32.4#
84 119.3 65.1 97.7#





#33

1,2-Dichloroethane-d4

Concen: 53.347 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076779.D

Acq: 22 Feb 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

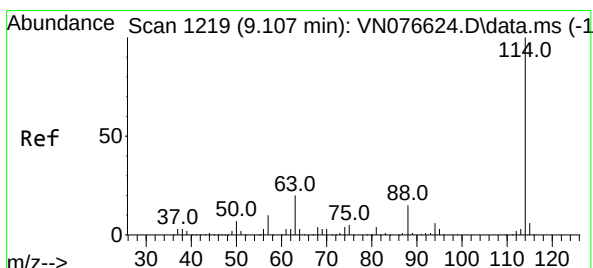
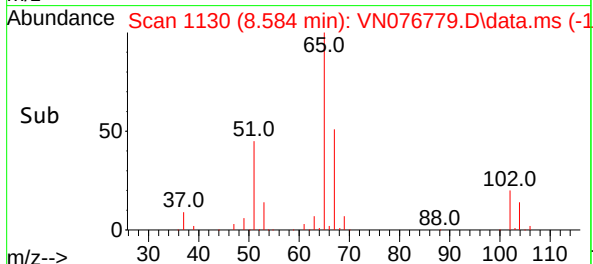
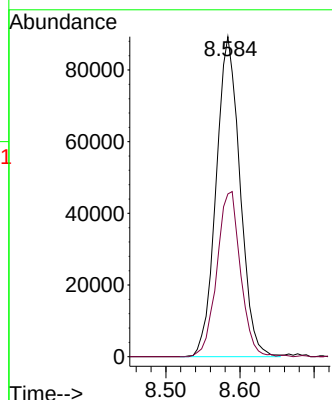
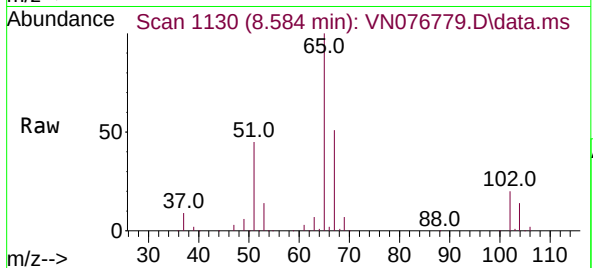
TB-2023-2-15

Tgt Ion: 65 Resp: 199748

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN076779.D

Acq: 22 Feb 2023 18:28

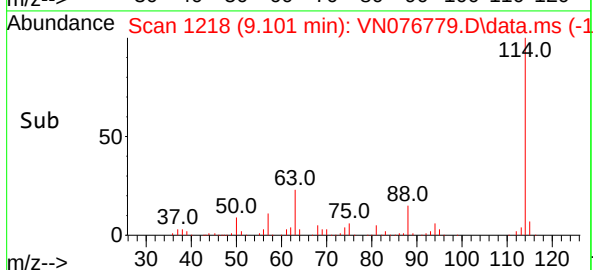
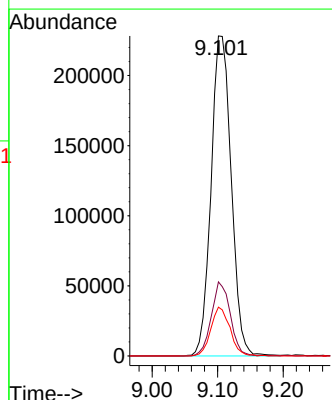
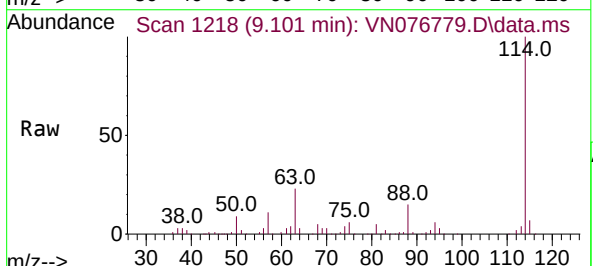
Tgt Ion: 114 Resp: 487884

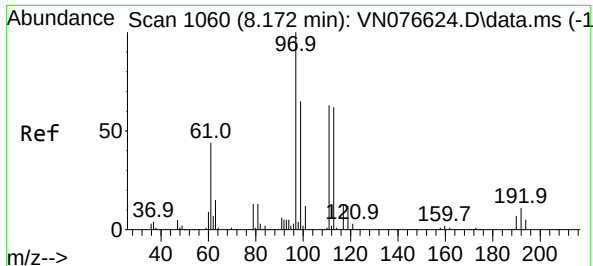
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 15.3 0.0 29.6

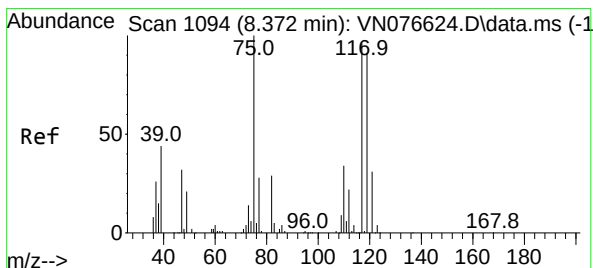
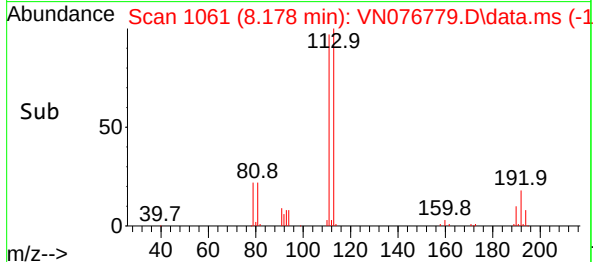
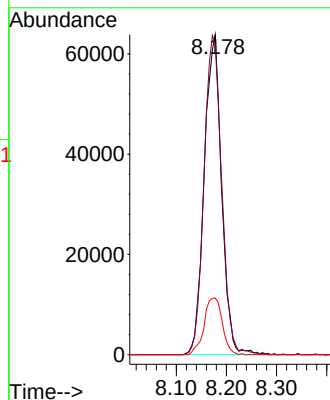
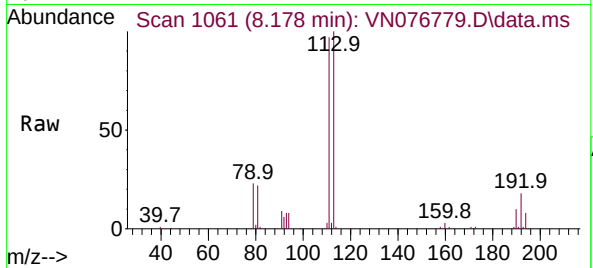




#35
Dibromofluoromethane
Concen: 48.059 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

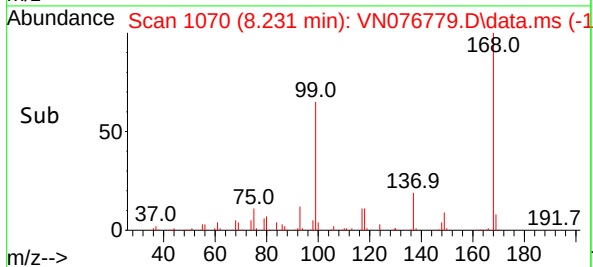
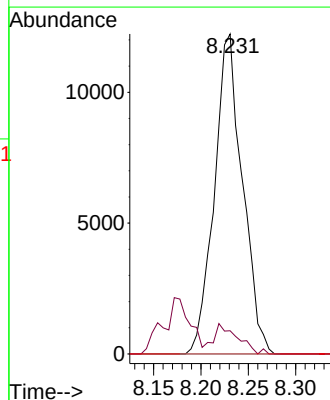
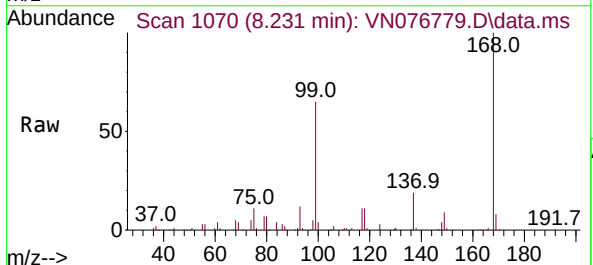
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TB-2023-2-15

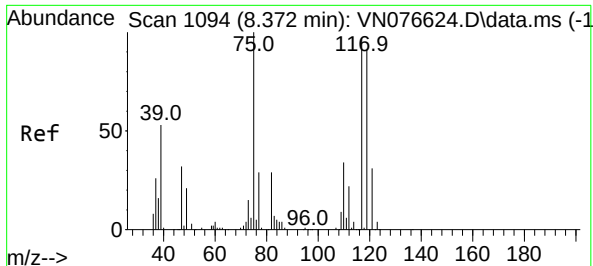
Tgt Ion:113 Resp: 153551
Ion Ratio Lower Upper
113 100
111 101.3 83.1 124.7
192 18.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.462 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

Tgt Ion: 75 Resp: 25214
Ion Ratio Lower Upper
75 100
110 7.0 17.5 52.5#
77 0.0 24.5 36.7#

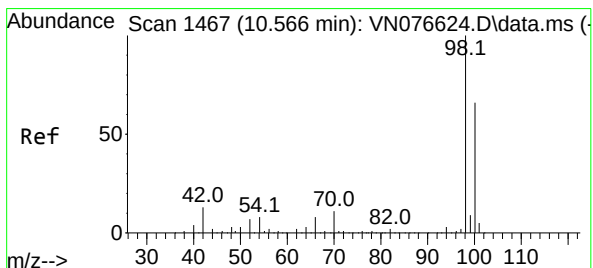
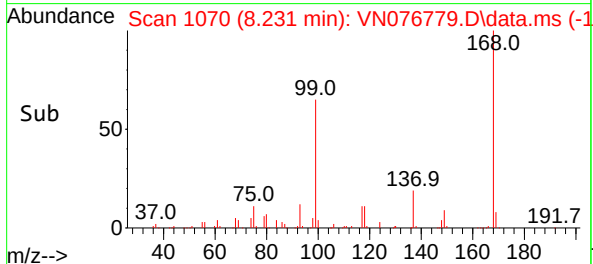
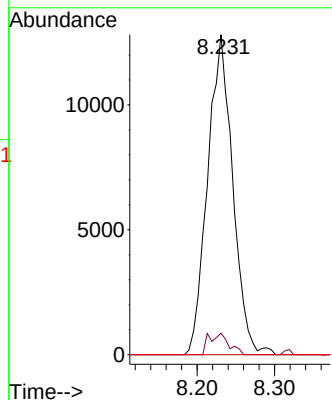
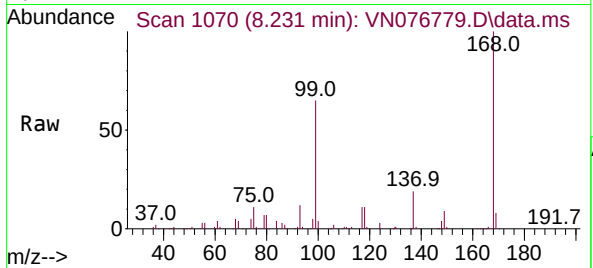




#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 8.231 min Scan# 1094
Delta R.T. -0.141 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

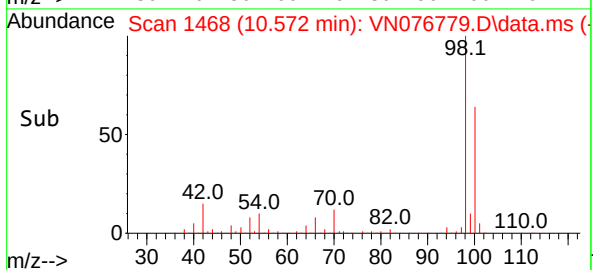
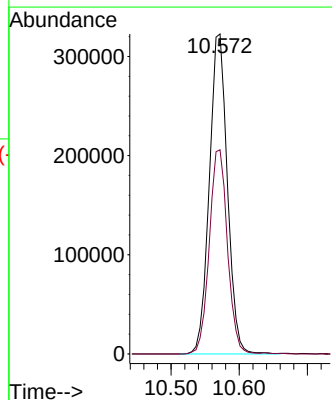
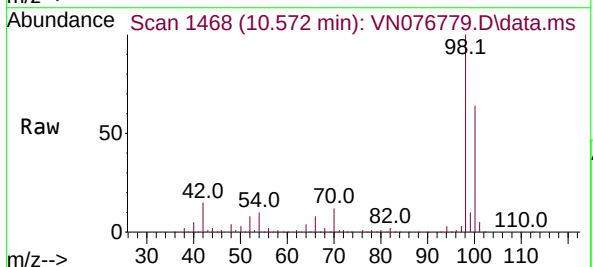
Instrument :
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ClientSampleId :
TB-2023-2-15

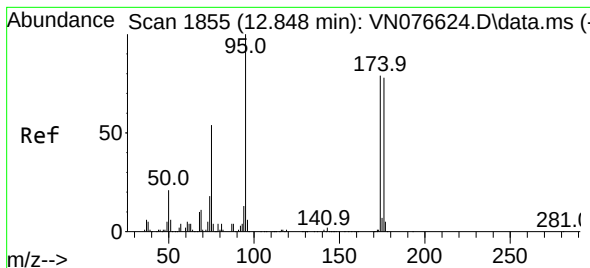
Tgt Ion:117 Resp: 28920
Ion Ratio Lower Upper
117 100
119 6.7 75.4 113.0#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 49.880 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

Tgt Ion: 98 Resp: 595174
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3

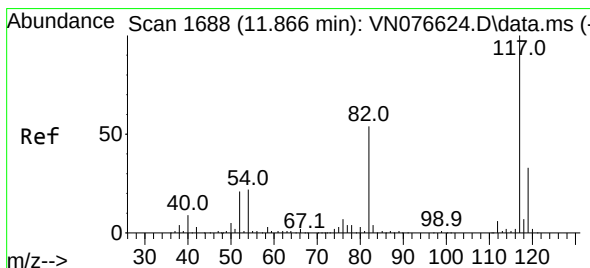
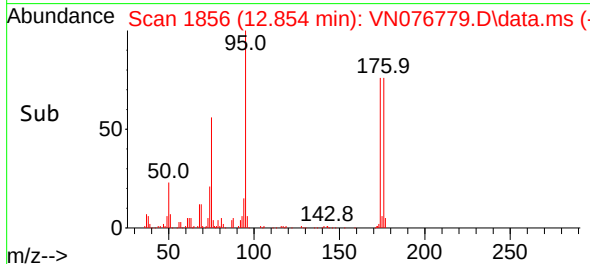
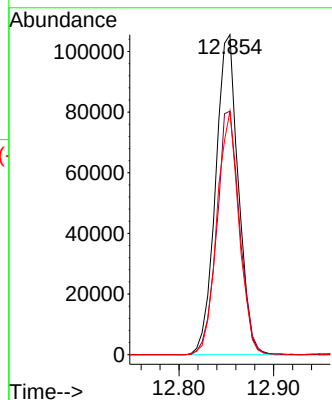
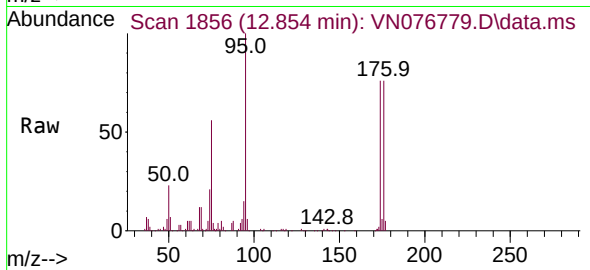




#62
4-Bromofluorobenzene
Concen: 44.545 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

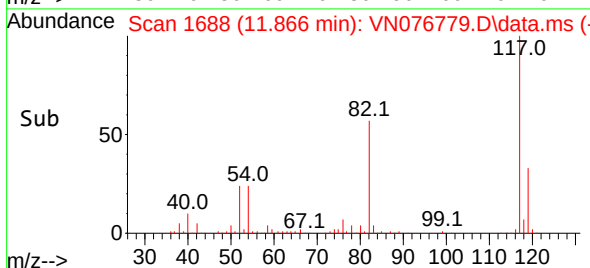
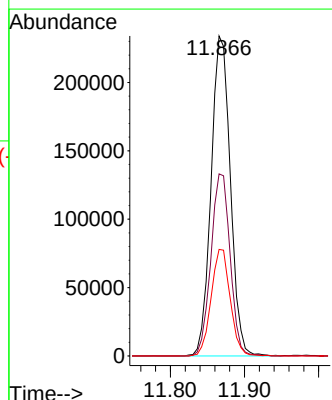
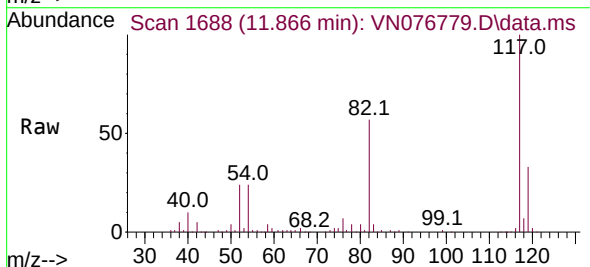
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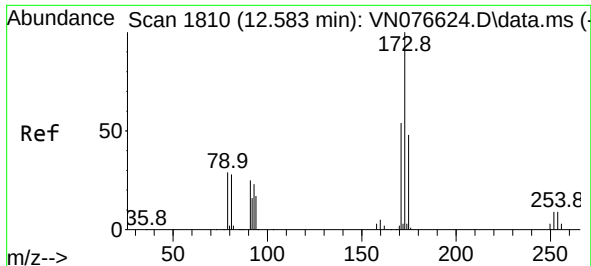
Tgt Ion: 95 Resp: 176042
Ion Ratio Lower Upper
95 100
174 76.7 0.0 169.2
176 74.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

Tgt Ion: 117 Resp: 422116
Ion Ratio Lower Upper
117 100
82 56.9 43.4 65.2
119 33.3 26.1 39.1

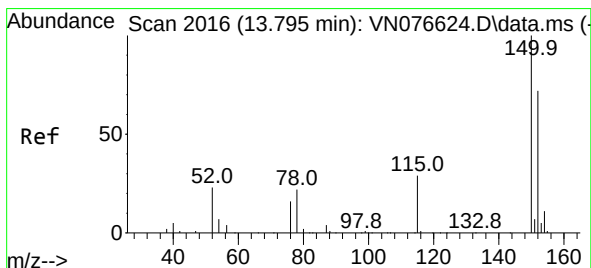
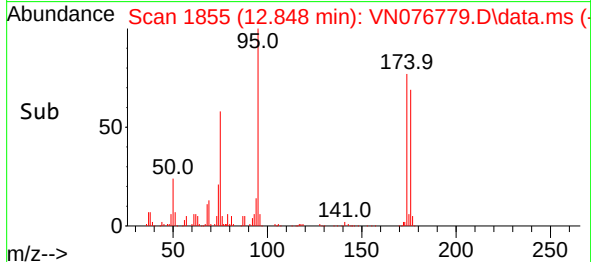
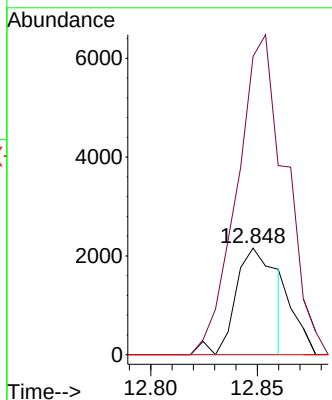
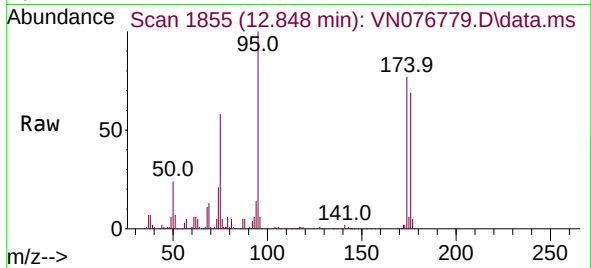




#71
Bromoform
Concen: 1.211 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

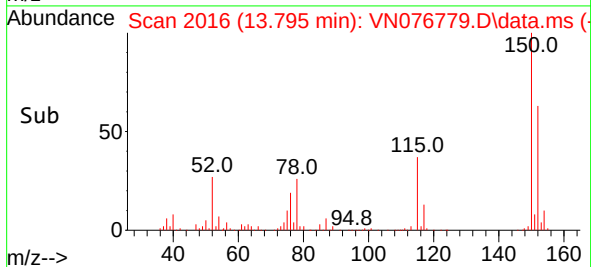
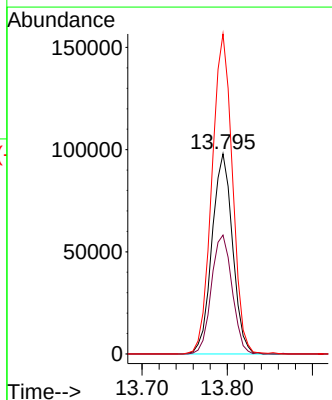
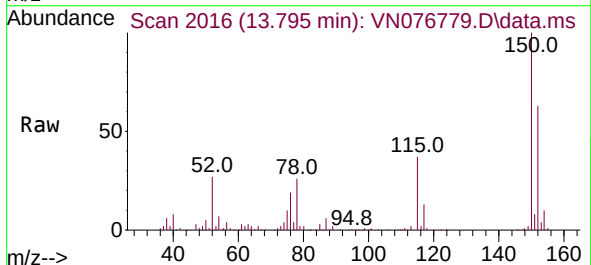
Instrument :
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TB-2023-2-15

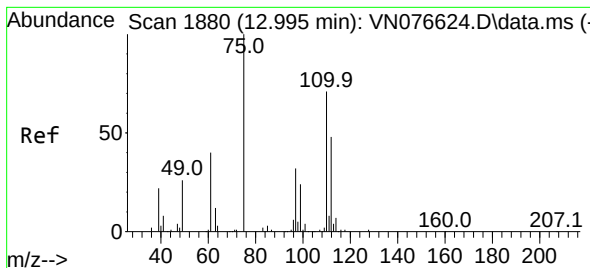
Tgt Ion:173 Resp: 2886
Ion Ratio Lower Upper
173 100
175 289.5 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076779.D
Acq: 22 Feb 2023 18:28

Tgt Ion:152 Resp: 164296
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.9
150 159.1 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 30.524 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

Lab File: VN076779.D

Acq: 22 Feb 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

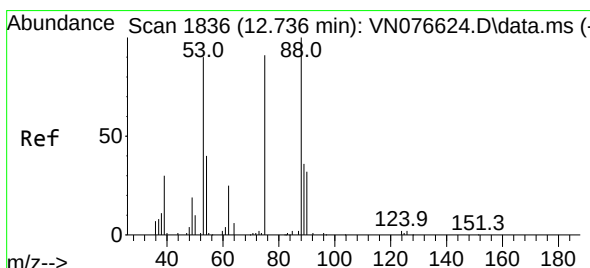
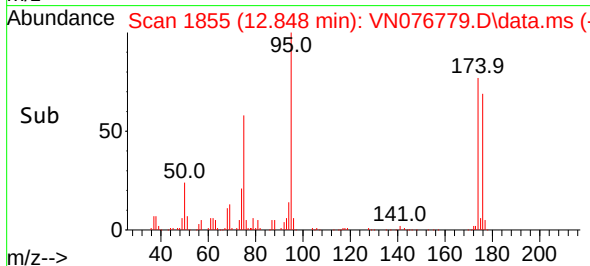
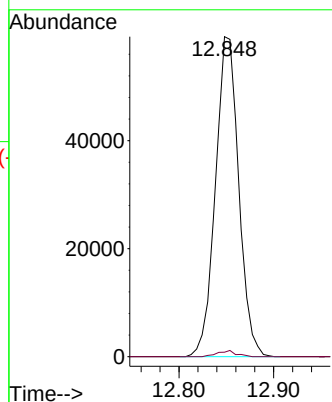
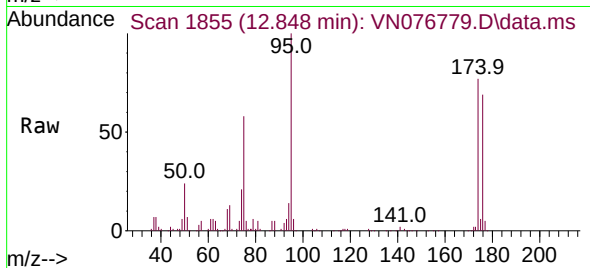
TB-2023-2-15

Tgt Ion: 75 Resp: 101387

Ion Ratio Lower Upper

75 100

77 1.5 93.1 279.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.902 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. 0.112 min

Lab File: VN076779.D

Acq: 22 Feb 2023 18:28

Tgt Ion: 75 Resp: 101387

Ion Ratio Lower Upper

75 100

53 0.0 92.1 138.1#

89 0.0 37.5 56.3#

