

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077056.D
 Acq On : 18 Mar 2023 00:39
 Operator : JC\MD
 Sample : 01941-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D2-20230314

Quant Time: Mar 18 02:39:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

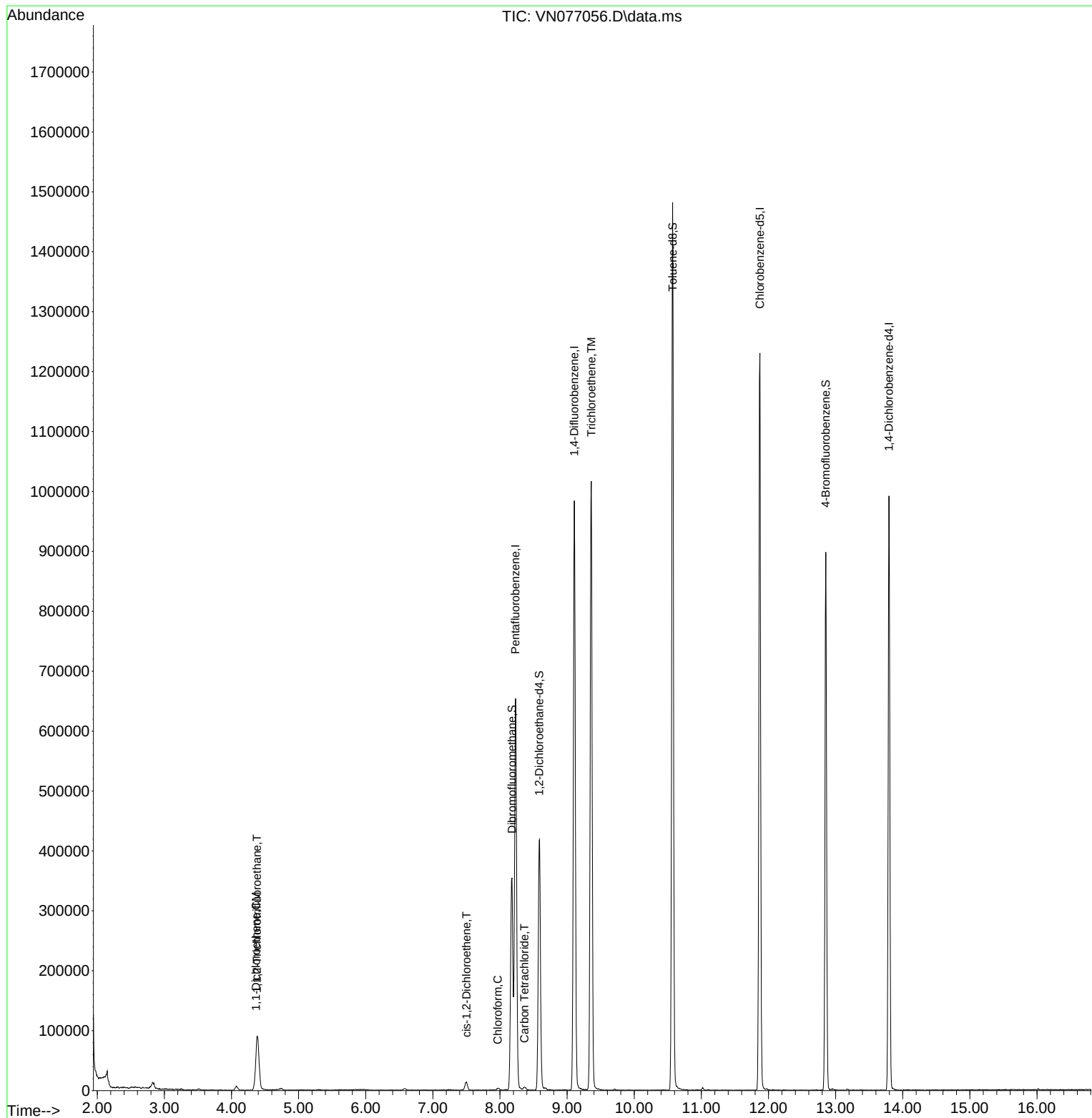
Internal Standards						
1) Pentafluorobenzene	8.231	168	440860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	812146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	707939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	251406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	352745	50.092	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.180%		
35) Dibromofluoromethane	8.178	113	263378	46.308	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.620%		
50) Toluene-d8	10.572	98	1001996	49.319	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.640%		
62) 4-Bromofluorobenzene	12.854	95	313600	43.682	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.360%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.378	101	64657	11.051	ug/l	99
12) 1,1-Dichloroethene	4.366	96	4027	0.752	ug/l #	85
27) cis-1,2-Dichloroethene	7.501	96	8511	1.281	ug/l	89
30) Chloroform	7.966	83	3901	0.327	ug/l #	70
38) Carbon Tetrachloride	8.366	117	3432	0.397	ug/l #	83
44) Trichloroethene	9.360	130	357667	57.797	ug/l	96

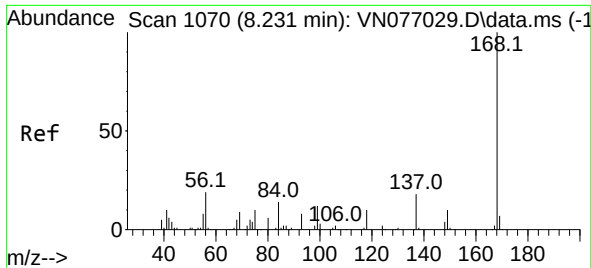
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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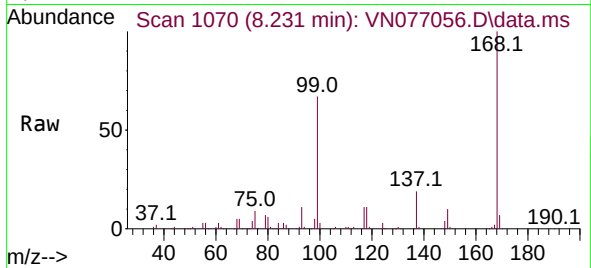
Quant Time: Mar 18 02:39:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 18 02:17:37 2023
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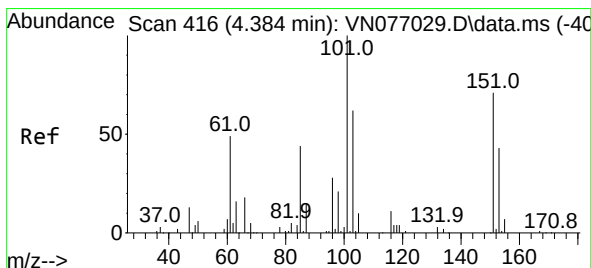
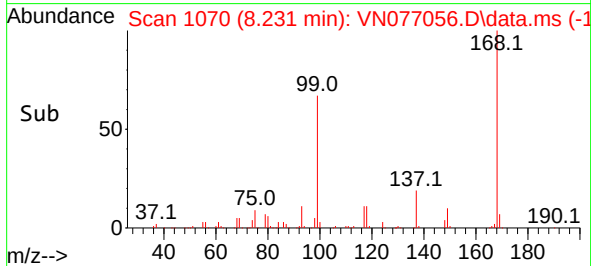
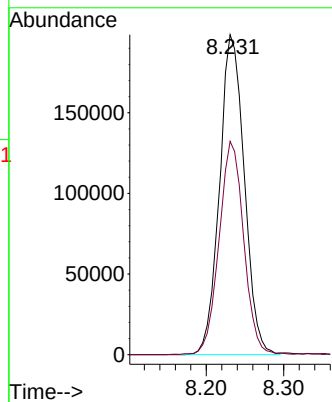


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077056.D
Acq: 18 Mar 2023 00:39

Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20230314

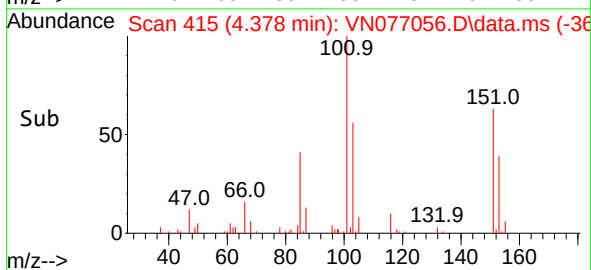
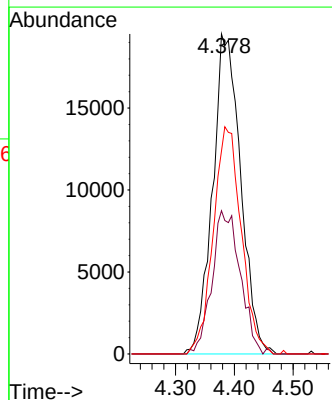
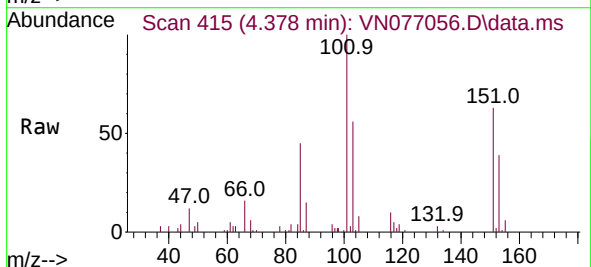


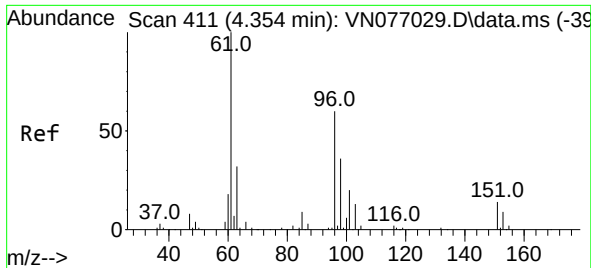
Tgt Ion:168 Resp: 440860
Ion Ratio Lower Upper
168 100
99 66.5 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.051 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077056.D
Acq: 18 Mar 2023 00:39

Tgt Ion:101 Resp: 64657
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 70.8 56.9 85.3

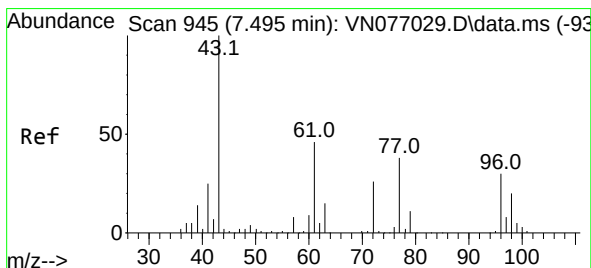
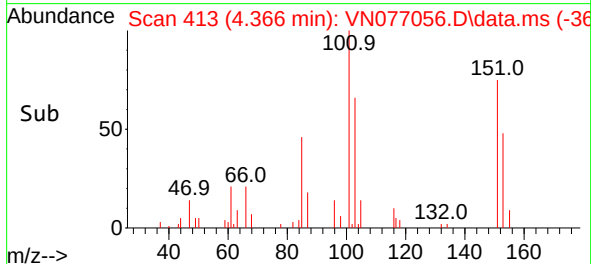
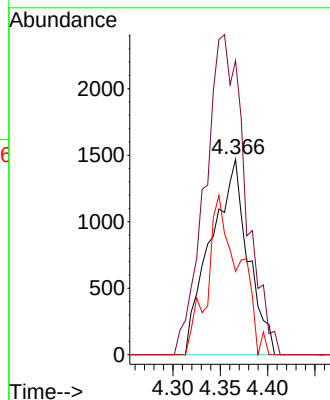
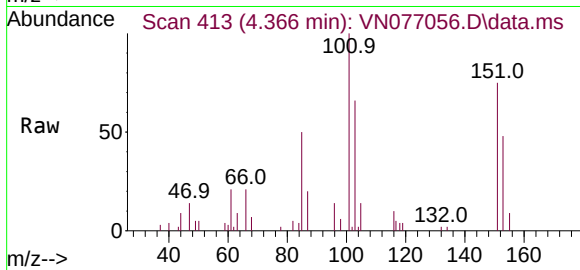




#12
 1,1-Dichloroethene
 Concen: 0.752 ug/l
 RT: 4.366 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VN077056.D
 Acq: 18 Mar 2023 00:39

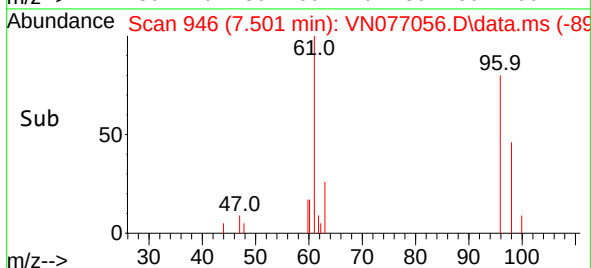
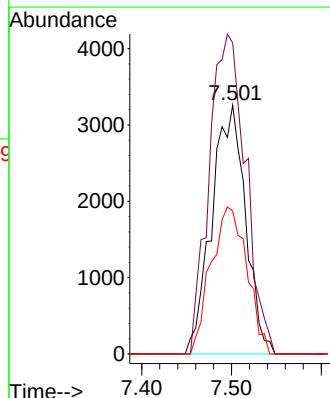
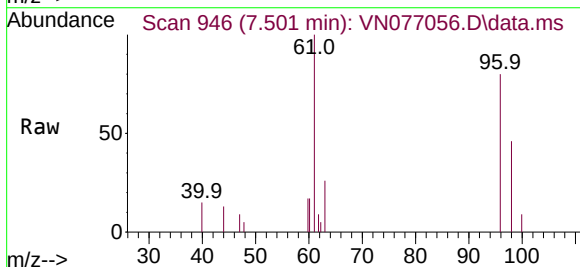
Instrument :
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 ClientSampleId :
 RE114D2-20230314

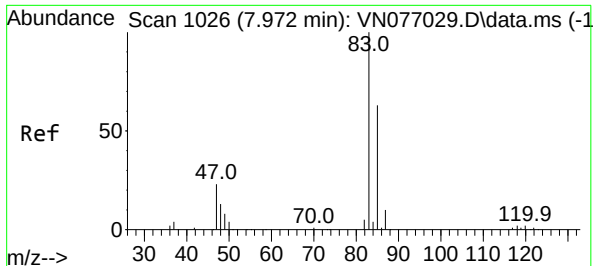
Tgt Ion: 96 Resp: 4027
 Ion Ratio Lower Upper
 96 100
 61 150.5 133.8 200.8
 98 42.6 48.6 72.8#



#27
 cis-1,2-Dichloroethene
 Concen: 1.281 ug/l
 RT: 7.501 min Scan# 946
 Delta R.T. 0.006 min
 Lab File: VN077056.D
 Acq: 18 Mar 2023 00:39

Tgt Ion: 96 Resp: 8511
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 315.4
 98 62.8 0.0 128.6





#30

Chloroform

Concen: 0.327 ug/l

RT: 7.966 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN077056.D

Acq: 18 Mar 2023 00:39

Instrument :

MSVOA_N

ClientSampleId :

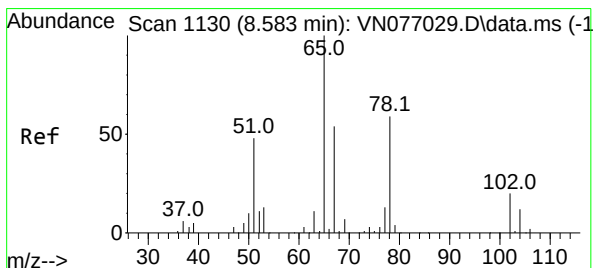
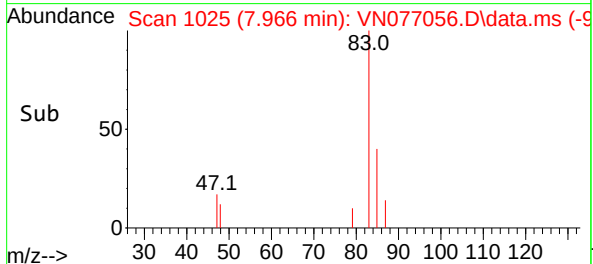
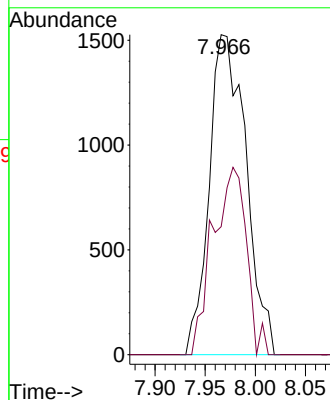
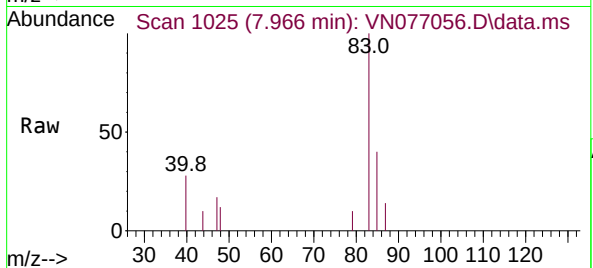
RE114D2-20230314

Tgt Ion: 83 Resp: 3901

Ion Ratio Lower Upper

83 100

85 40.0 50.6 75.8#



#33

1,2-Dichloroethane-d4

Concen: 50.092 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077056.D

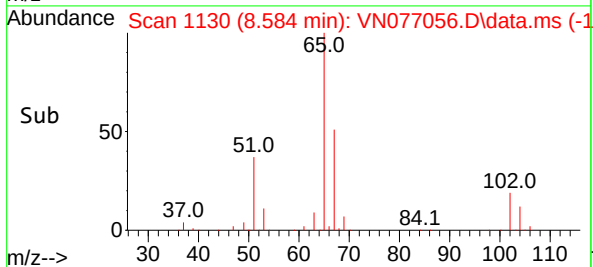
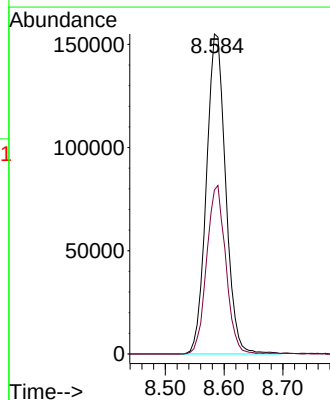
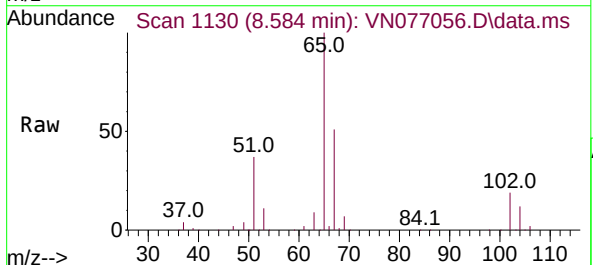
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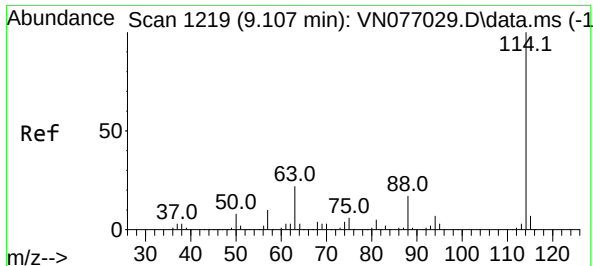
Tgt Ion: 65 Resp: 352745

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2

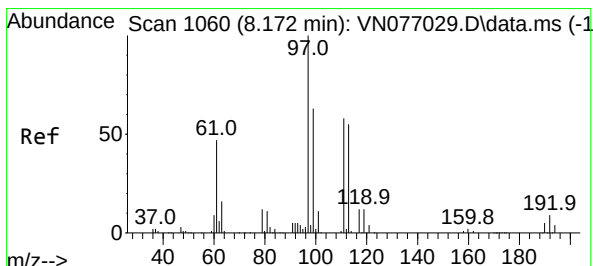
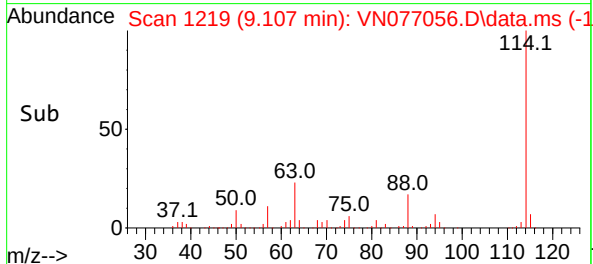
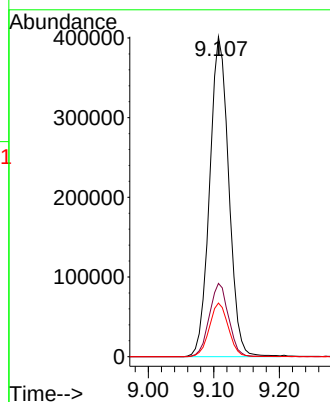
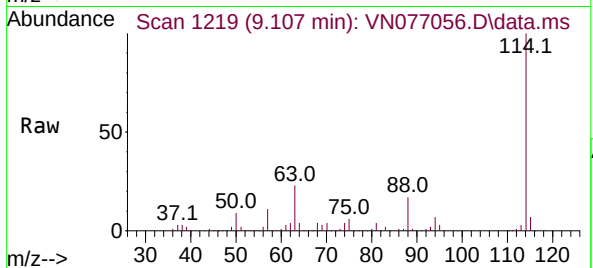




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077056.D
Acq: 18 Mar 2023 00:39

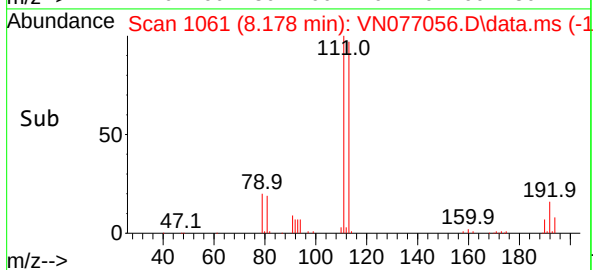
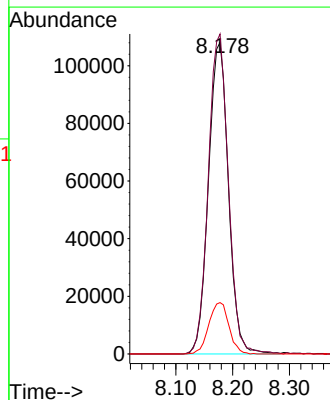
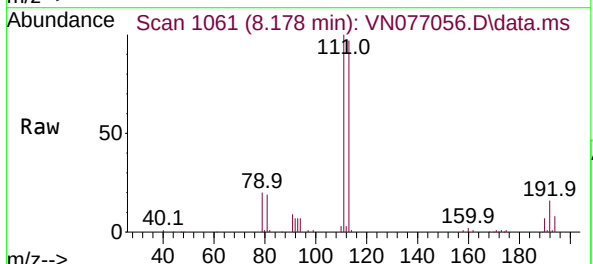
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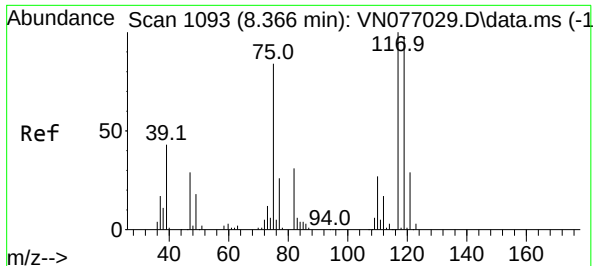
Tgt Ion:114 Resp: 812146
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.6
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.308 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077056.D
Acq: 18 Mar 2023 00:39

Tgt Ion:113 Resp: 263378
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 16.6 13.0 19.6

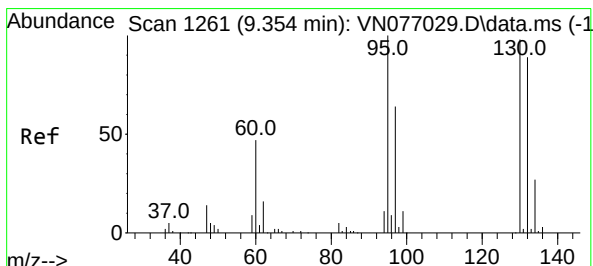
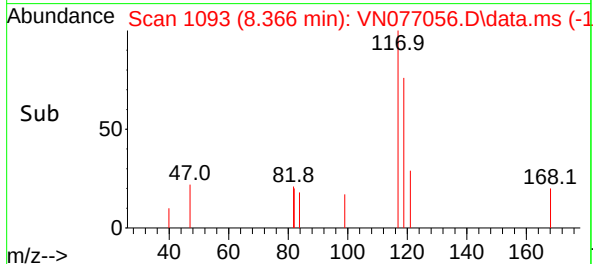
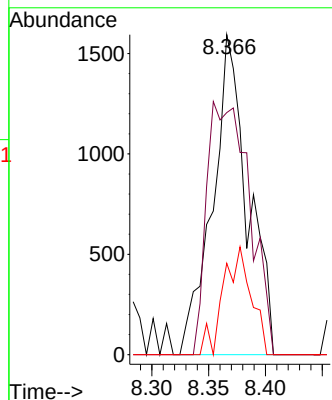
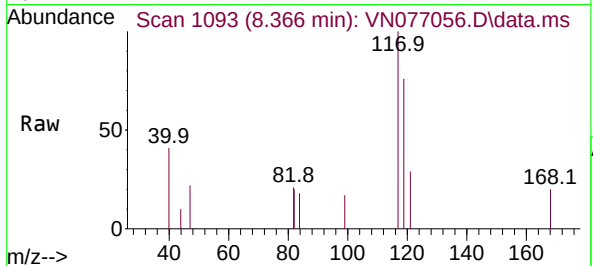




#38
Carbon Tetrachloride
Concen: 0.397 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077056.D
Acq: 18 Mar 2023 00:39

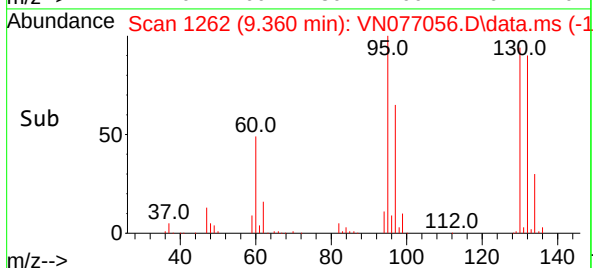
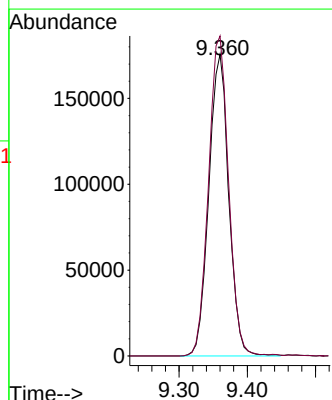
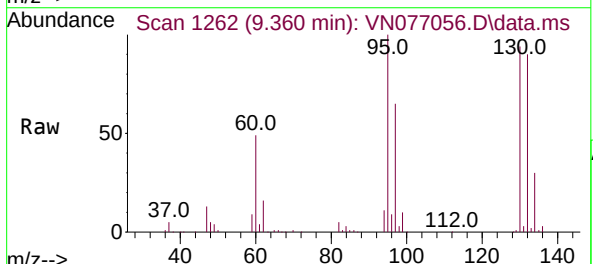
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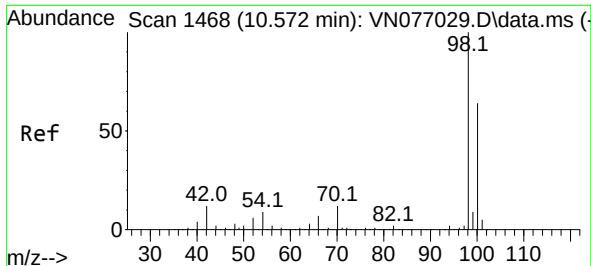
Tgt Ion:117 Resp: 3432
Ion Ratio Lower Upper
117 100
119 75.7 78.2 117.2#
121 28.5 23.2 34.8



#44
Trichloroethene
Concen: 57.797 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077056.D
Acq: 18 Mar 2023 00:39

Tgt Ion:130 Resp: 357667
Ion Ratio Lower Upper
130 100
95 106.1 0.0 204.4

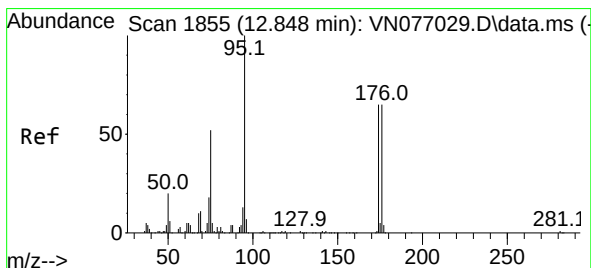
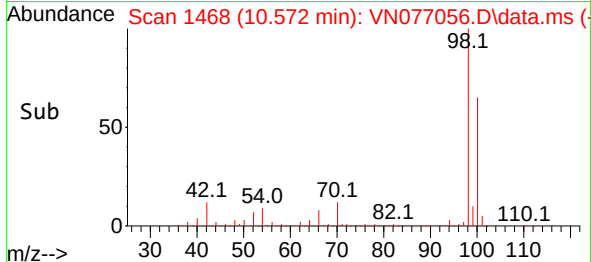
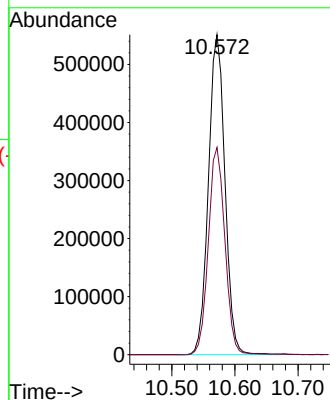
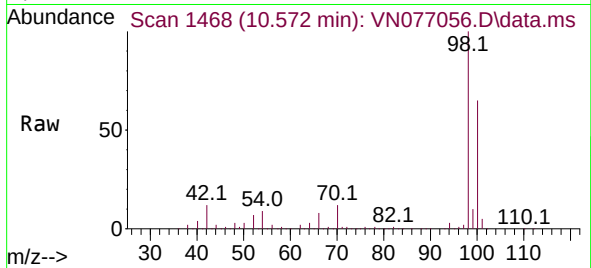




#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077056.D
Acq: 18 Mar 2023 00:39

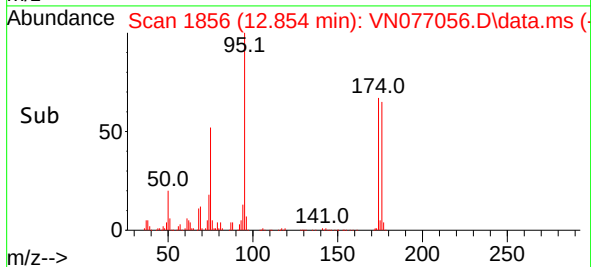
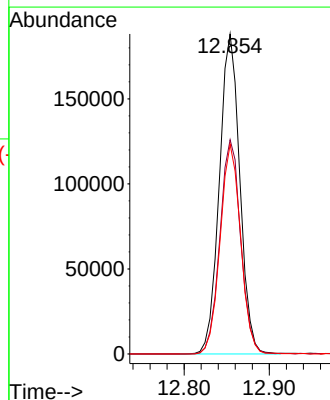
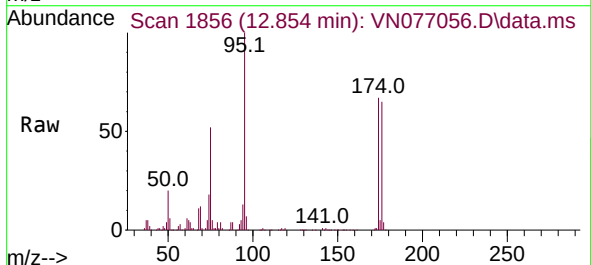
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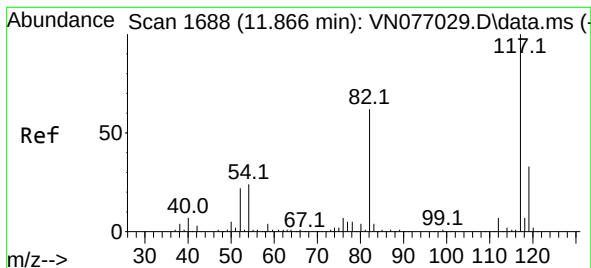
Tgt Ion: 98 Resp: 1001996
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.682 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077056.D
Acq: 18 Mar 2023 00:39

Tgt Ion: 95 Resp: 313600
Ion Ratio Lower Upper
95 100
174 68.1 0.0 136.6
176 65.7 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077056.D

Acq: 18 Mar 2023 00:39

Instrument :

MSVOA_N

ClientSampleId :

RE114D2-20230314

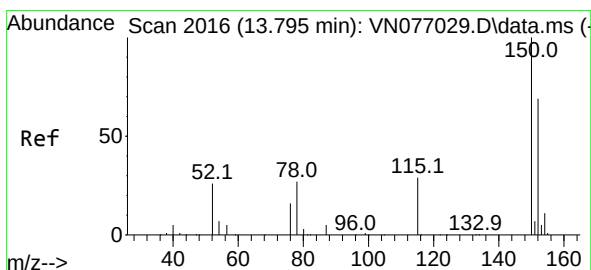
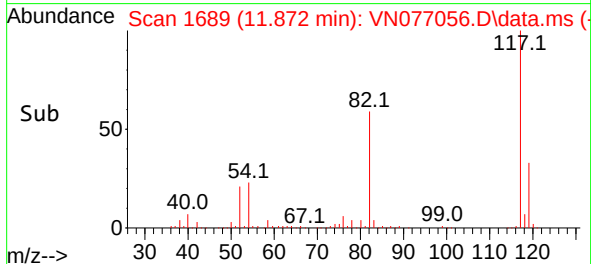
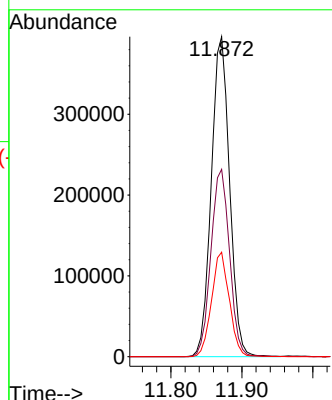
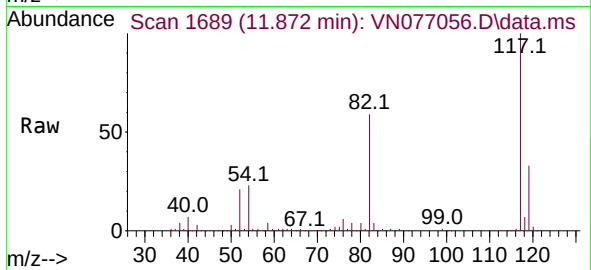
Tgt Ion:117 Resp: 707939

Ion Ratio Lower Upper

117 100

82 58.5 49.4 74.0

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077056.D

Acq: 18 Mar 2023 00:39

Tgt Ion:152 Resp: 251406

Ion Ratio Lower Upper

152 100

115 64.0 31.9 95.7

150 158.0 0.0 348.0

