

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077045.D
 Acq On : 17 Mar 2023 20:12
 Operator : JC\MD
 Sample : 01904-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20230313

Quant Time: Mar 18 02:34:47 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)

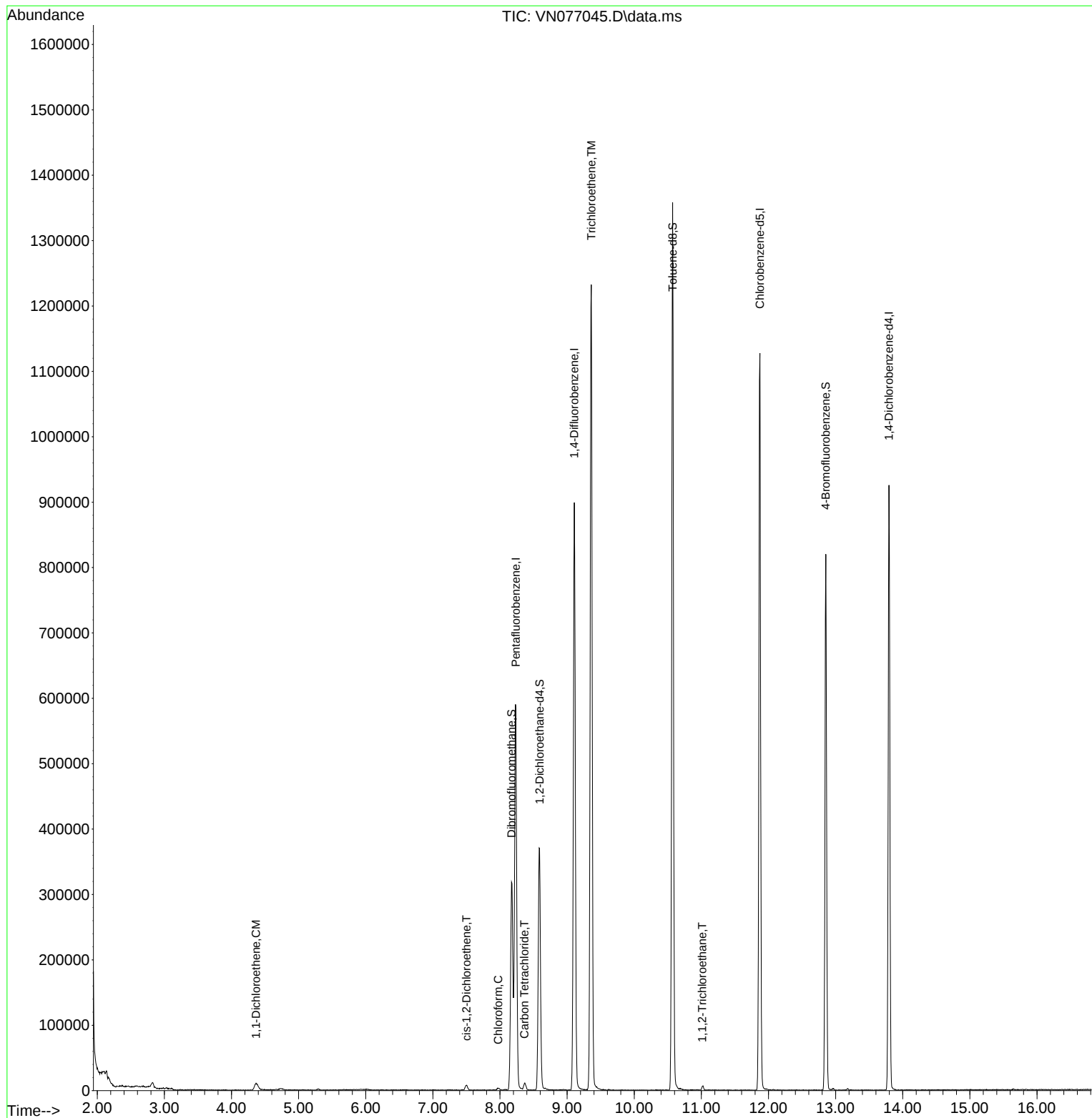
Internal Standards						
1) Pentafluorobenzene	8.236	168	403610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	740651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	640257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	236549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	314326	48.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.520%		
35) Dibromofluoromethane	8.172	113	232843	44.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.780%		
50) Toluene-d8	10.572	98	910696	49.152	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.854	95	285615	43.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.240%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.366	96	5203	1.062	ug/l #	60
27) cis-1,2-Dichloroethene	7.501	96	4539	0.746	ug/l	85
30) Chloroform	7.972	83	2855	0.262	ug/l #	82
38) Carbon Tetrachloride	8.366	117	7642	0.968	ug/l	95
44) Trichloroethene	9.360	130	429427	76.091	ug/l	94
55) 1,1,2-Trichloroethane	11.013	97	2259	0.391	ug/l #	87

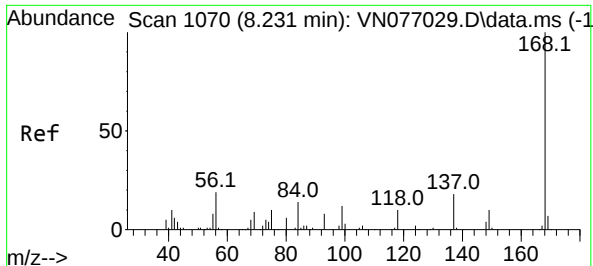
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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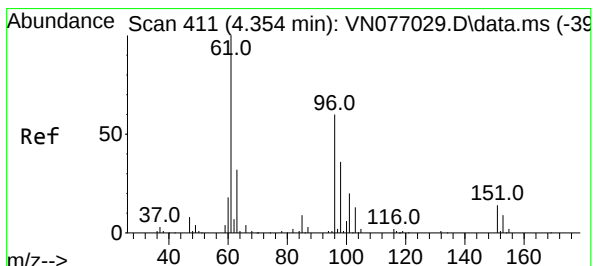
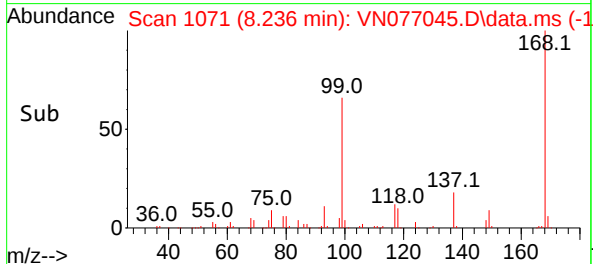
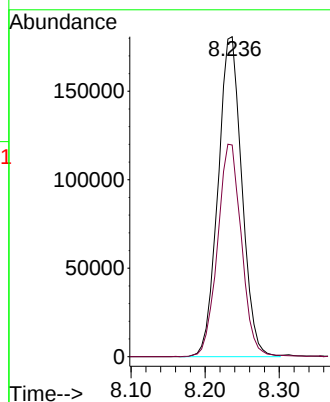
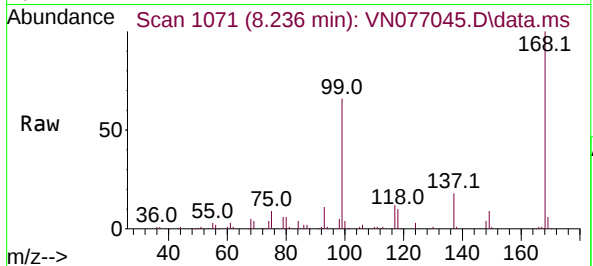




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN077045.D
Acq: 17 Mar 2023 20:12

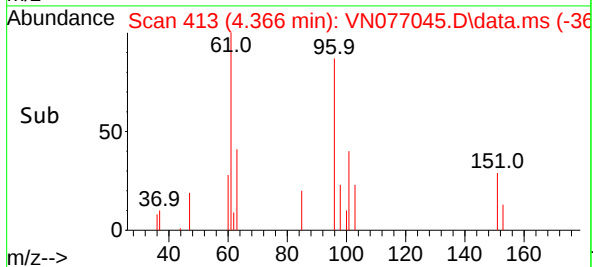
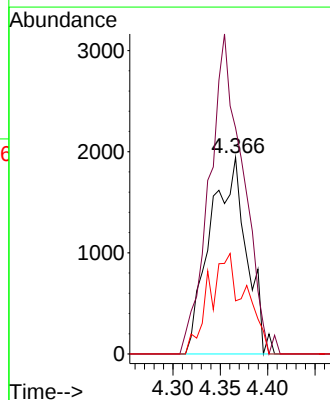
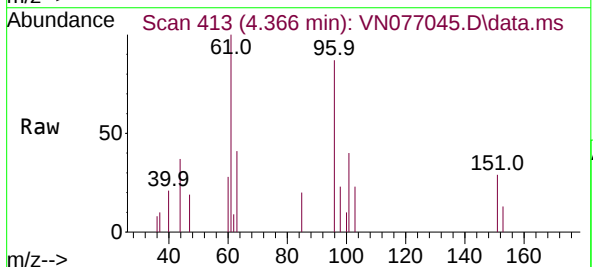
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20230313

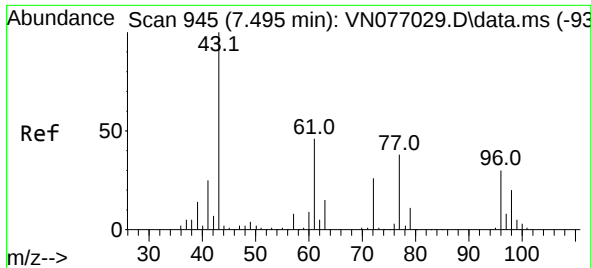
Tgt Ion:168 Resp: 403610
Ion Ratio Lower Upper
168 100
99 66.2 53.9 80.9



#12
1,1-Dichloroethene
Concen: 1.062 ug/l
RT: 4.366 min Scan# 413
Delta R.T. 0.012 min
Lab File: VN077045.D
Acq: 17 Mar 2023 20:12

Tgt Ion: 96 Resp: 5203
Ion Ratio Lower Upper
96 100
61 115.0 133.8 200.8#
98 27.0 48.6 72.8#

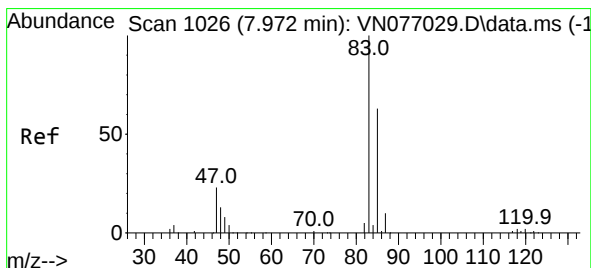
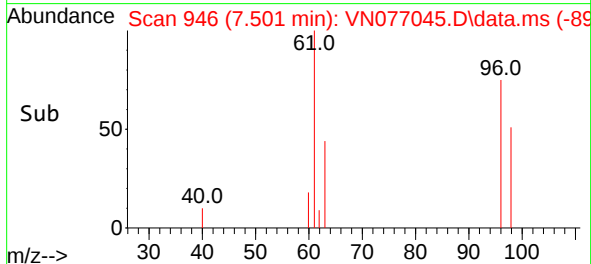
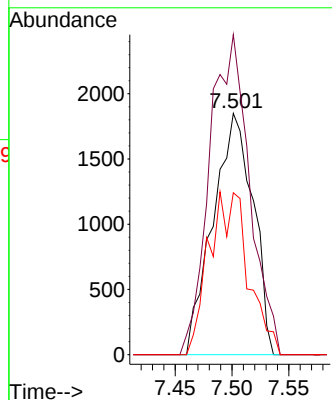
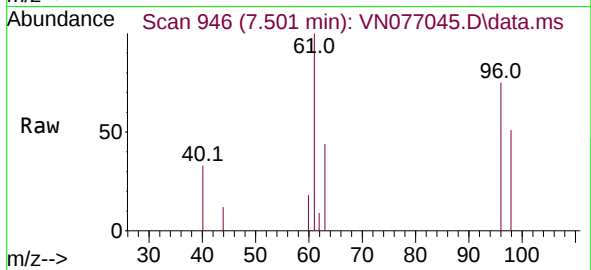




#27
 cis-1,2-Dichloroethene
 Concen: 0.746 ug/l
 RT: 7.501 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077045.D
 Acq: 17 Mar 2023 20:12

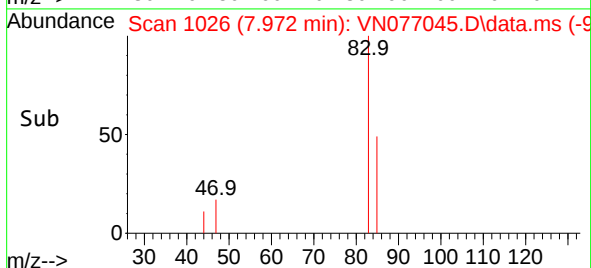
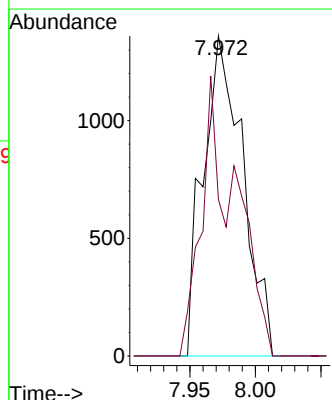
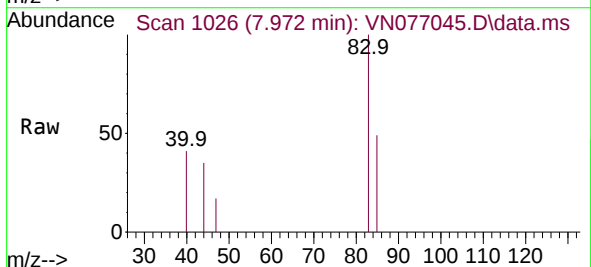
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20230313

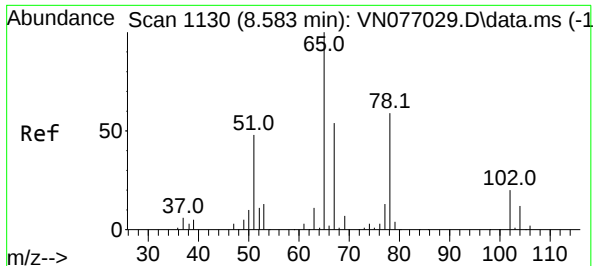
Tgt Ion: 96 Resp: 4539
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 315.4
 98 66.3 0.0 128.6



#30
 Chloroform
 Concen: 0.262 ug/l
 RT: 7.972 min Scan# 1026
 Delta R.T. 0.000 min
 Lab File: VN077045.D
 Acq: 17 Mar 2023 20:12

Tgt Ion: 83 Resp: 2855
 Ion Ratio Lower Upper
 83 100
 85 48.9 50.6 75.8#





#33

1,2-Dichloroethane-d4

Concen: 48.756 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN077045.D

Acq: 17 Mar 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

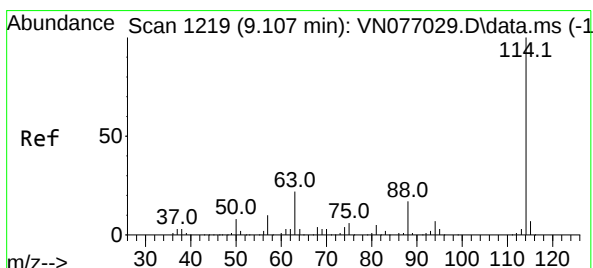
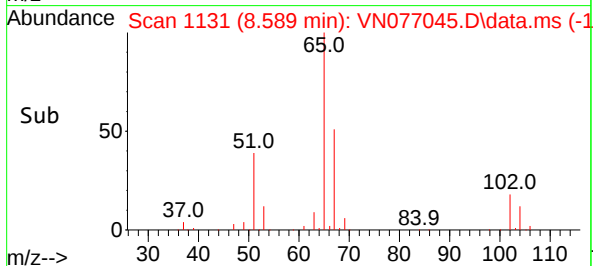
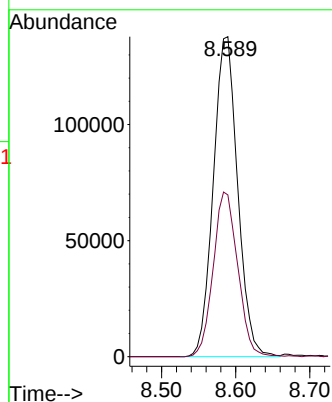
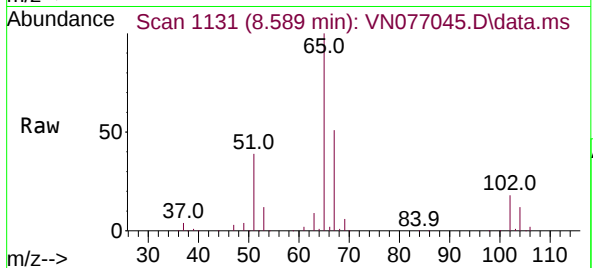
RE117D1-20230313

Tgt Ion: 65 Resp: 314326

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077045.D

Acq: 17 Mar 2023 20:12

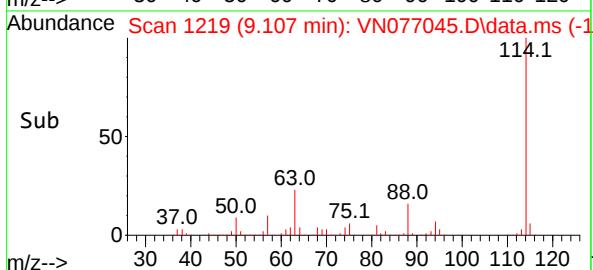
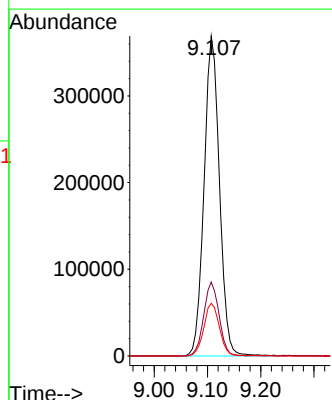
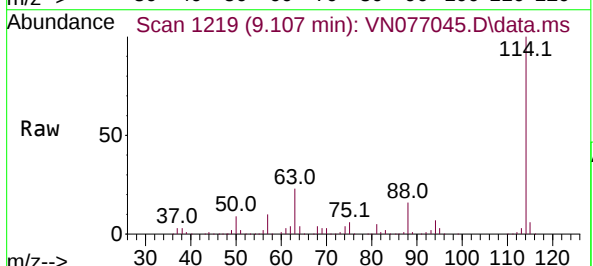
Tgt Ion: 114 Resp: 740651

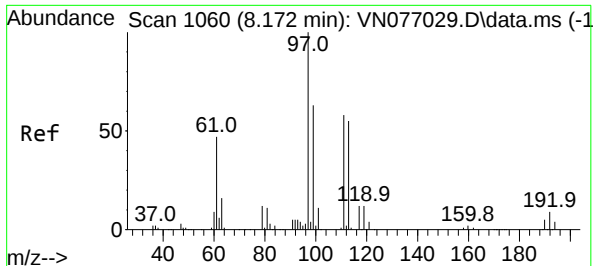
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 44.891 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077045.D

Acq: 17 Mar 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20230313

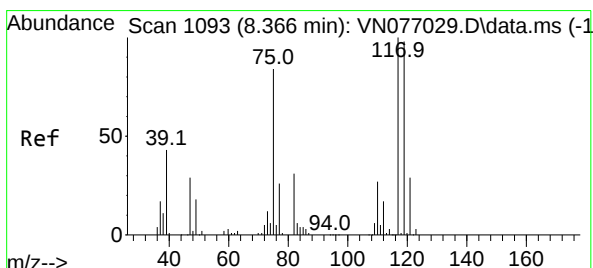
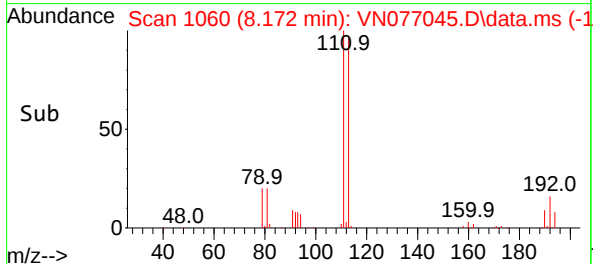
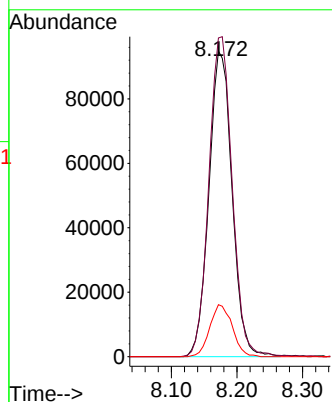
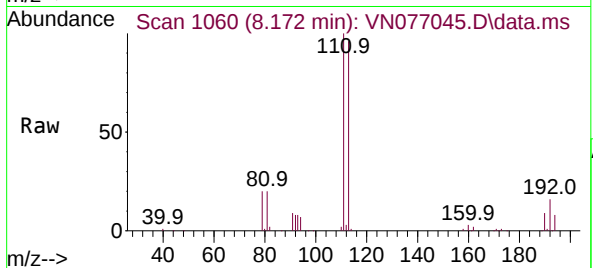
Tgt Ion:113 Resp: 232843

Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.2

192 16.5 13.0 19.6



#38

Carbon Tetrachloride

Concen: 0.968 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VN077045.D

Acq: 17 Mar 2023 20:12

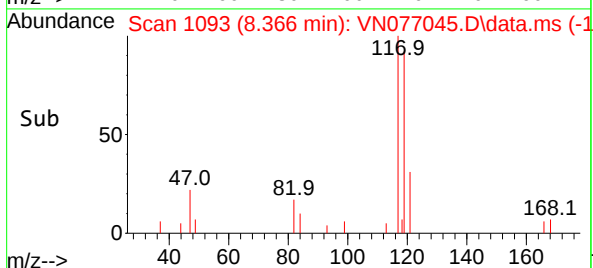
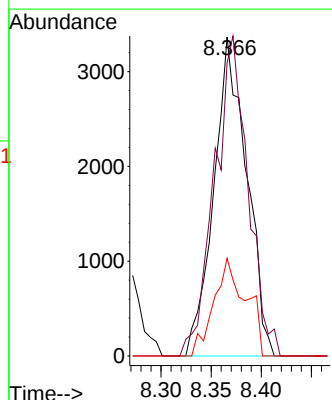
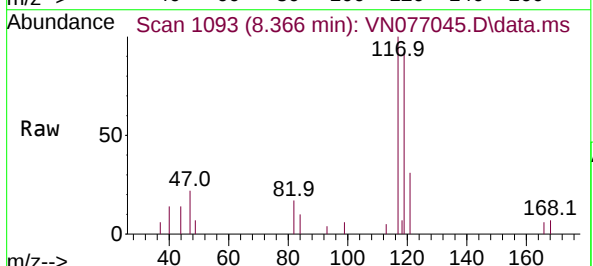
Tgt Ion:117 Resp: 7642

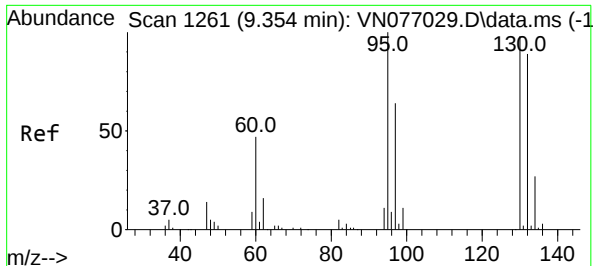
Ion Ratio Lower Upper

117 100

119 91.9 78.2 117.2

121 30.6 23.2 34.8

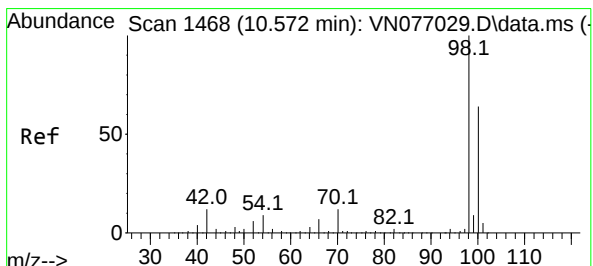
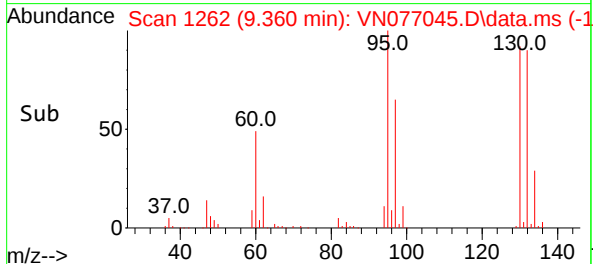
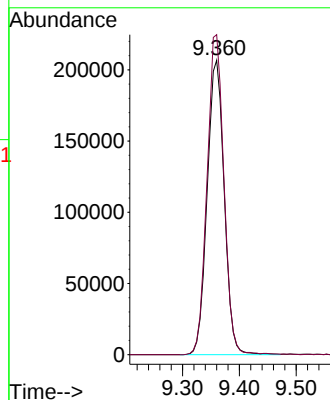
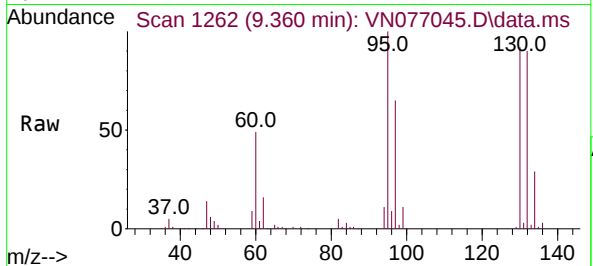




#44
Trichloroethene
Concen: 76.091 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077045.D
Acq: 17 Mar 2023 20:12

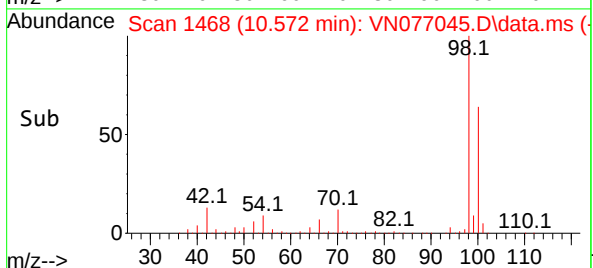
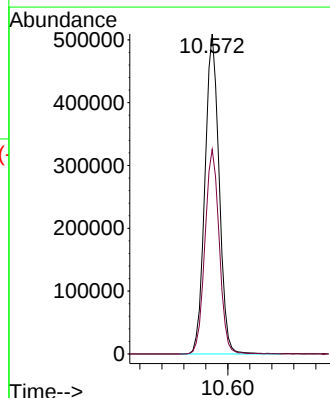
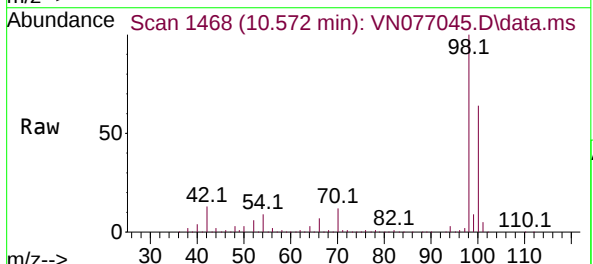
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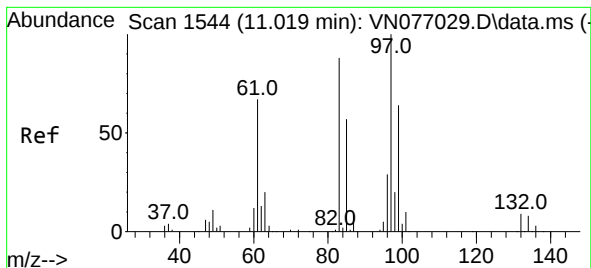
Tgt Ion:130 Resp: 429427
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.4



#50
Toluene-d8
Concen: 49.152 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077045.D
Acq: 17 Mar 2023 20:12

Tgt Ion: 98 Resp: 910696
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4





#55

1,1,2-Trichloroethane

Concen: 0.391 ug/l

RT: 11.013 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077045.D

Acq: 17 Mar 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20230313

Tgt Ion: 97 Resp: 2259

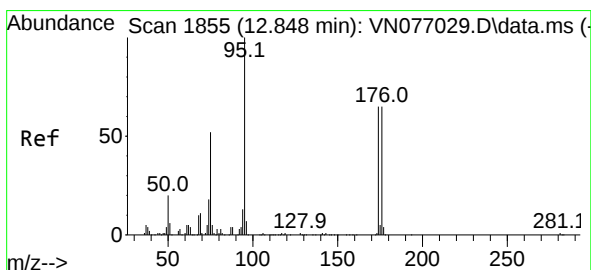
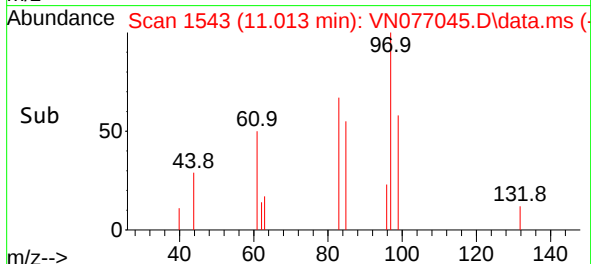
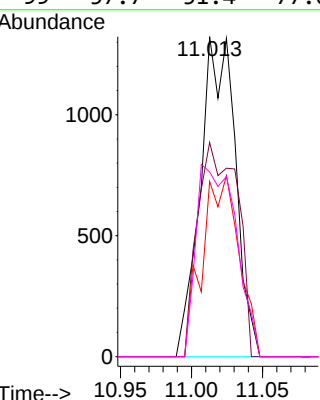
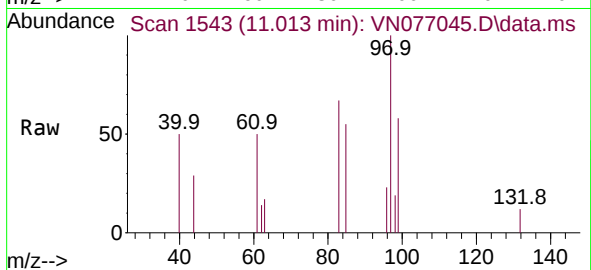
Ion Ratio Lower Upper

97 100

83 67.0 70.5 105.7#

85 54.7 45.4 68.2

99 57.7 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 43.624 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077045.D

Acq: 17 Mar 2023 20:12

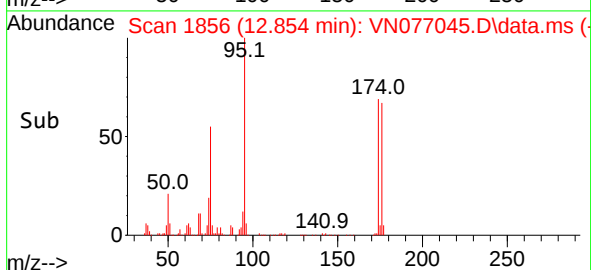
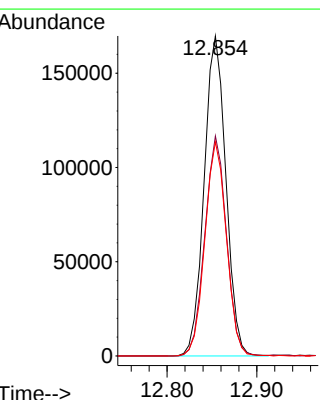
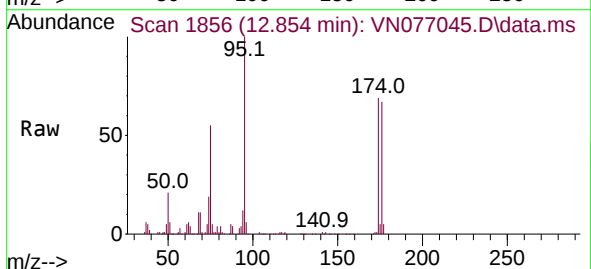
Tgt Ion: 95 Resp: 285615

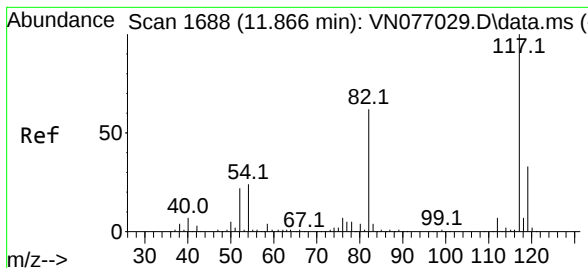
Ion Ratio Lower Upper

95 100

174 68.2 0.0 136.6

176 66.2 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: VN077045.D

Acq: 17 Mar 2023 20:12

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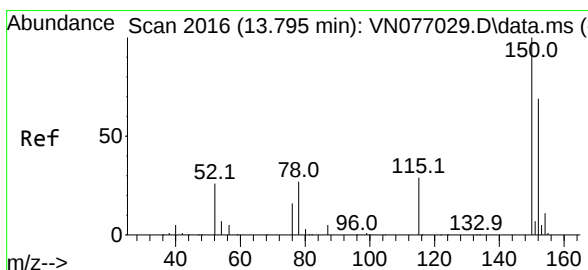
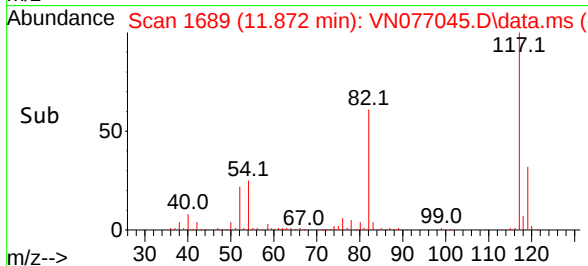
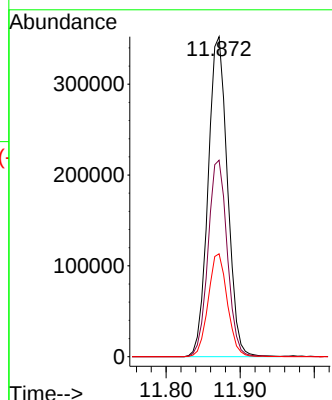
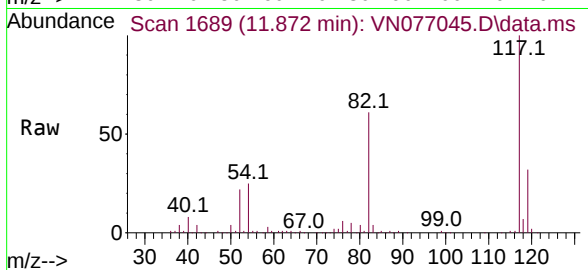
Tgt Ion:117 Resp: 640257

Ion Ratio Lower Upper

117 100

82 61.4 49.4 74.0

119 32.1 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: VN077045.D

Acq: 17 Mar 2023 20:12

Tgt Ion:152 Resp: 236549

Ion Ratio Lower Upper

152 100

115 64.6 31.9 95.7

150 158.0 0.0 348.0

