

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037111.D
 Acq On : 19 Aug 2023 06:00
 Operator : JC/MD
 Sample : 04025-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20230814

Quant Time: Aug 21 01:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

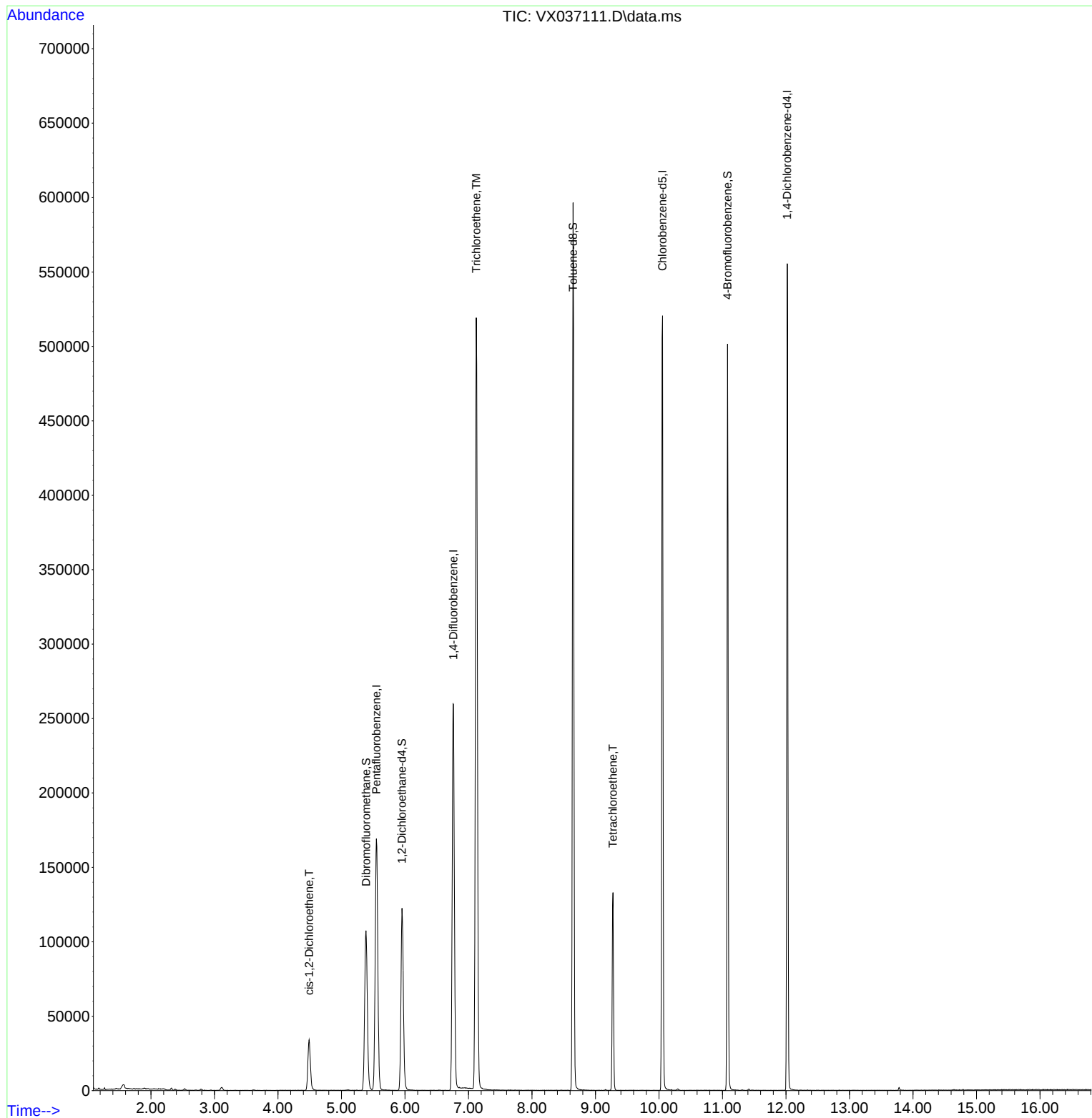
Internal Standards						
1) Pentafluorobenzene	5.550	168	157206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122121	53.883	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.760%	
35) Dibromofluoromethane	5.385	113	95944	53.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.020%	
50) Toluene-d8	8.647	98	354543	53.999	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.000%	
62) 4-Bromofluorobenzene	11.079	95	133019	51.553	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.100%	
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	4.489	96	23067	10.636	ug/l	79
44) Trichloroethene	7.123	130	204036	97.564	ug/l	98
64) Tetrachloroethene	9.275	164	24085	13.382	ug/l	98

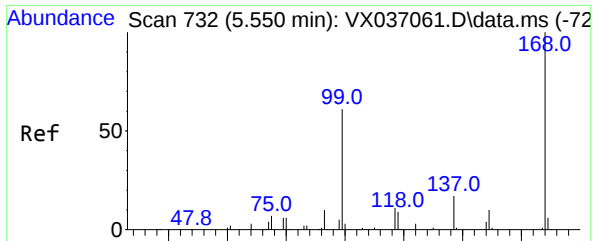
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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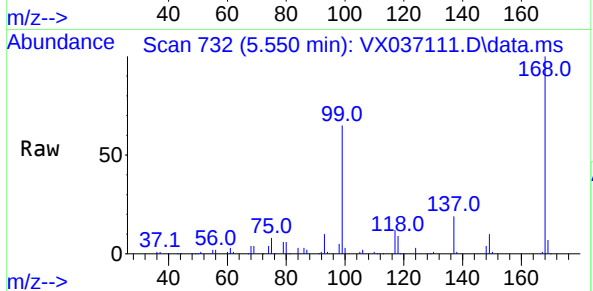
Quant Time: Aug 21 01:42:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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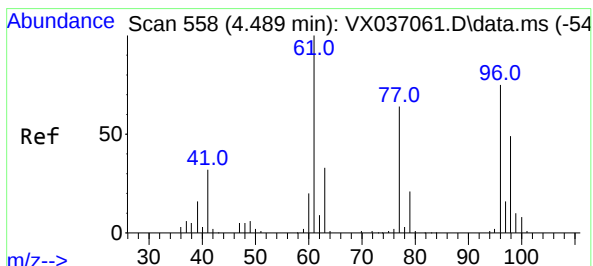
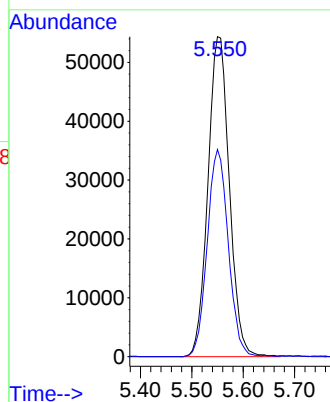
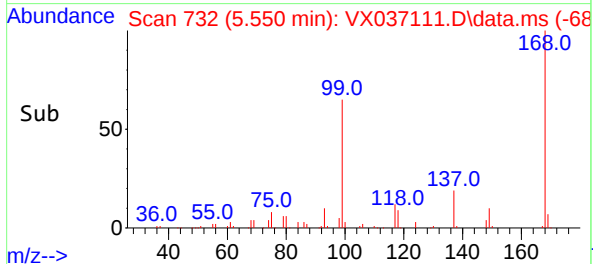


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

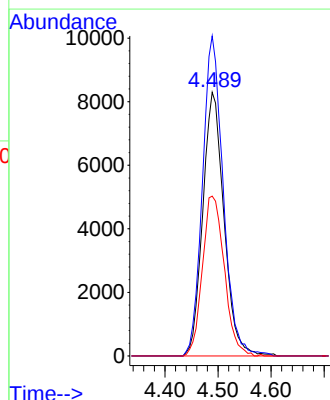
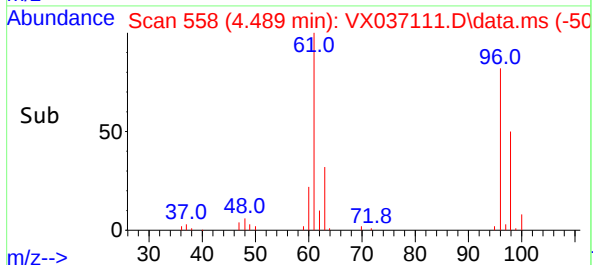
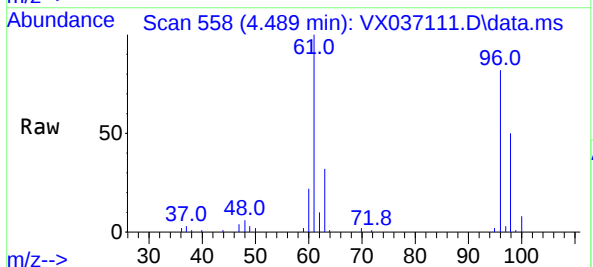


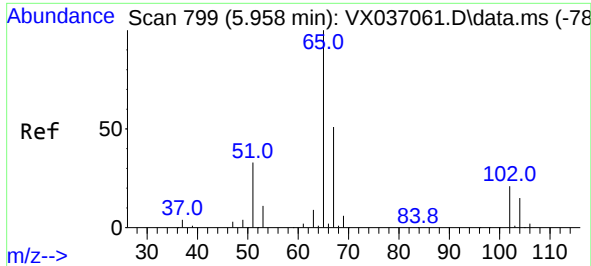
Tgt Ion:168 Resp: 157206
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#27
cis-1,2-Dichloroethene
Concen: 10.636 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion: 96 Resp: 23067
Ion Ratio Lower Upper
96 100
61 118.5 0.0 312.2
98 62.5 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 53.883 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037111.D

Acq: 19 Aug 2023 06:00

Instrument :

MSVOA_X

ClientSampleId :

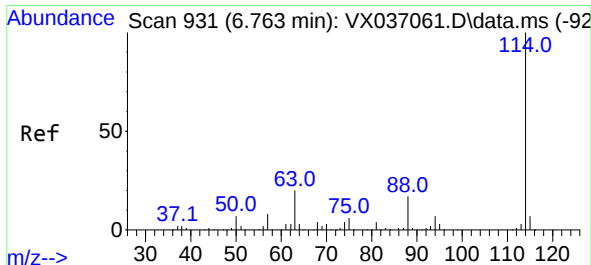
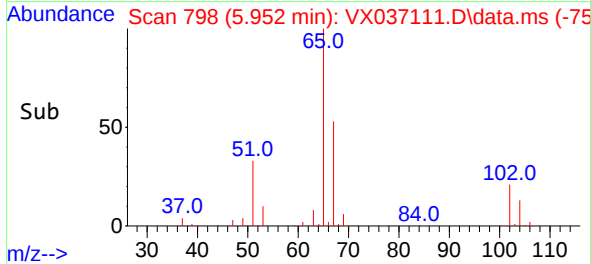
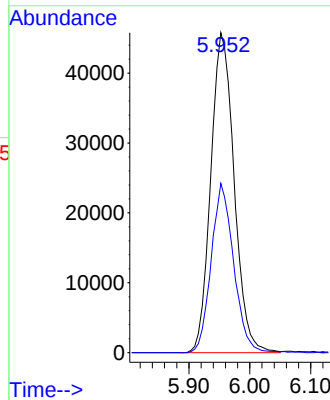
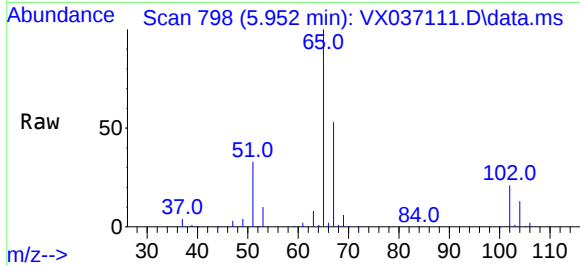
MW179D1-20230814

Tgt Ion: 65 Resp: 122121

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037111.D

Acq: 19 Aug 2023 06:00

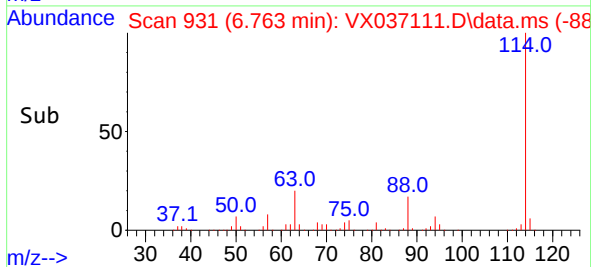
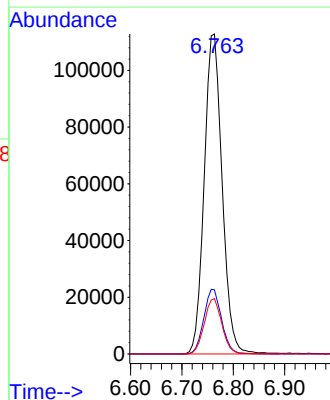
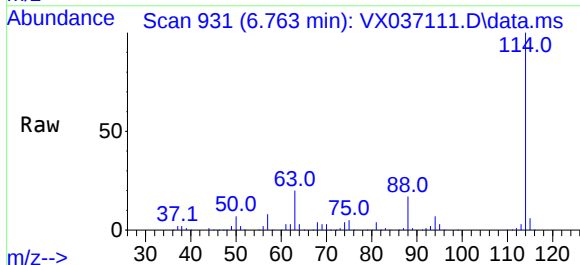
Tgt Ion:114 Resp: 273306

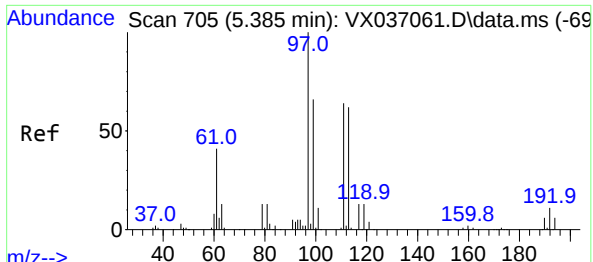
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.007 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037111.D

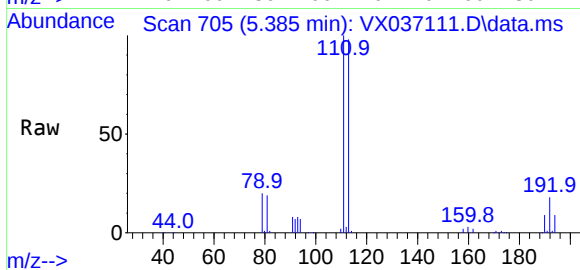
Acq: 19 Aug 2023 06:00

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20230814



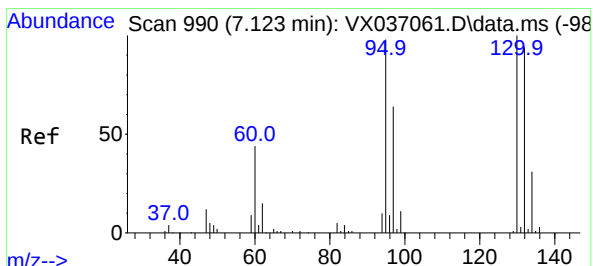
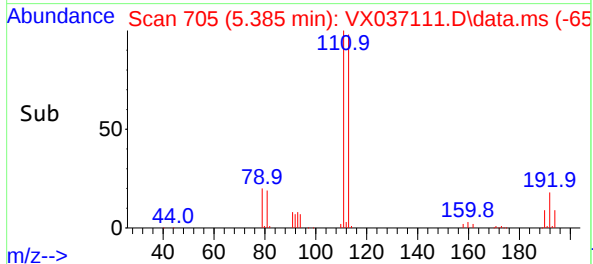
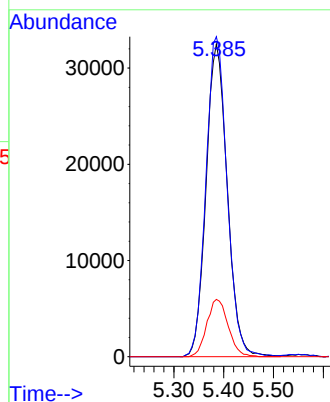
Tgt Ion:113 Resp: 95944

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 18.4 13.3 19.9



#44

Trichloroethene

Concen: 97.564 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037111.D

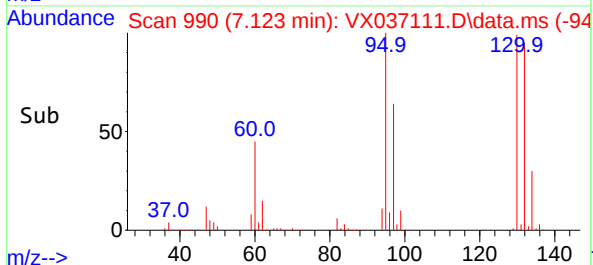
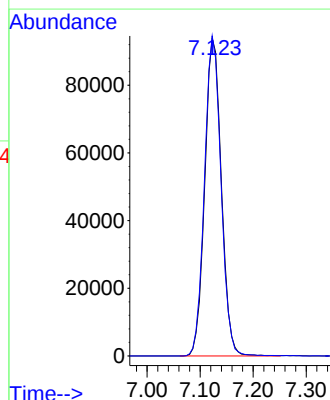
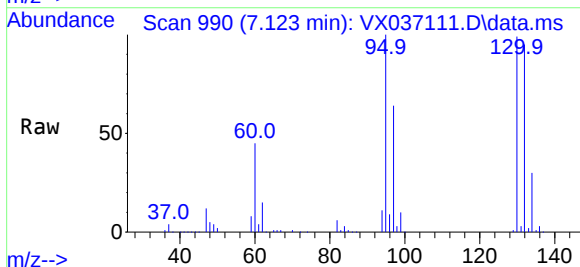
Acq: 19 Aug 2023 06:00

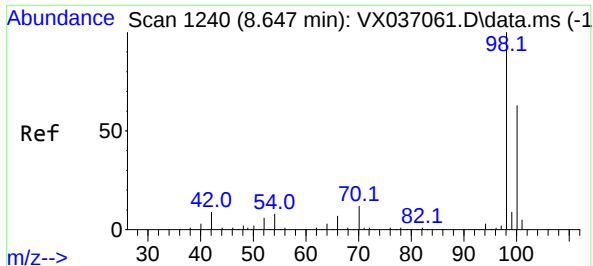
Tgt Ion:130 Resp: 204036

Ion Ratio Lower Upper

130 100

95 100.7 0.0 204.4

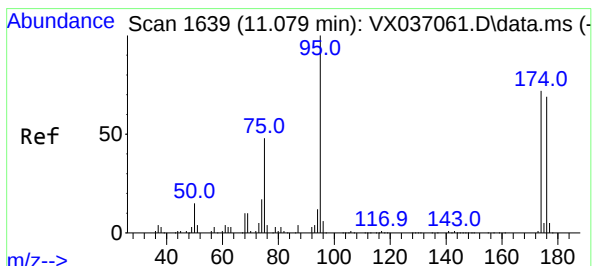
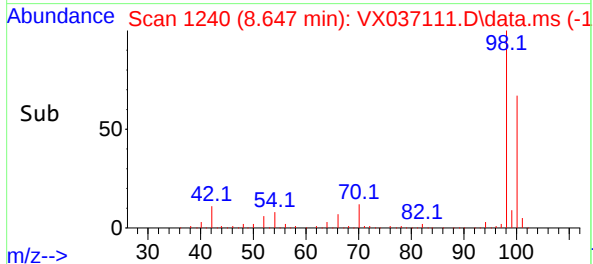
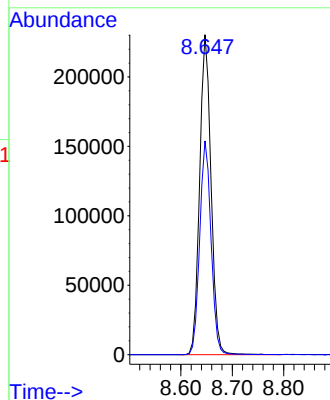
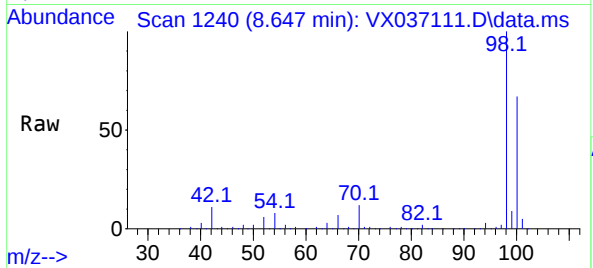




#50
Toluene-d8
Concen: 53.999 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

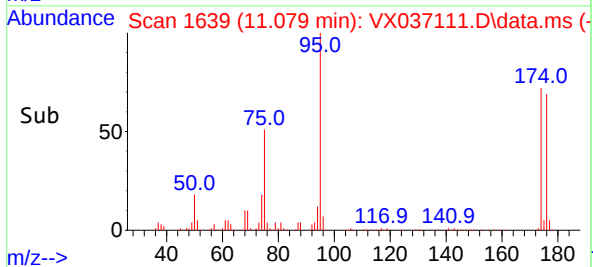
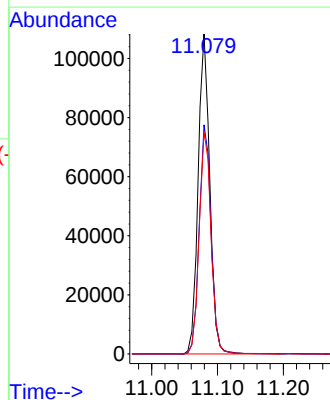
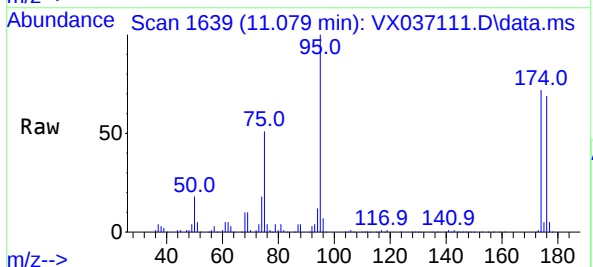
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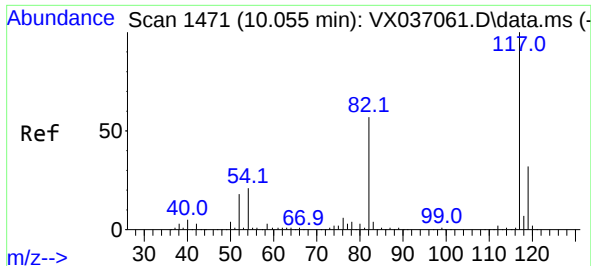
Tgt Ion: 98 Resp: 354543
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion: 95 Resp: 133019
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.6 0.0 131.0

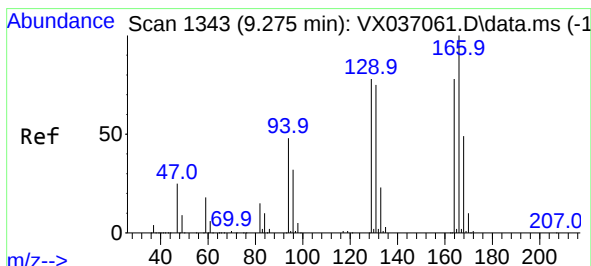
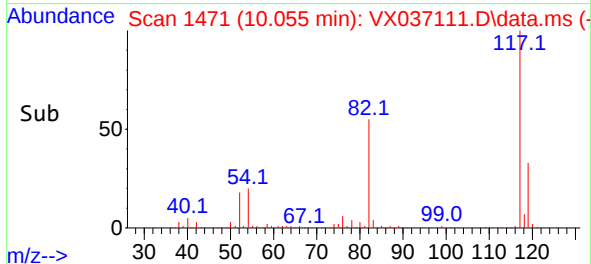
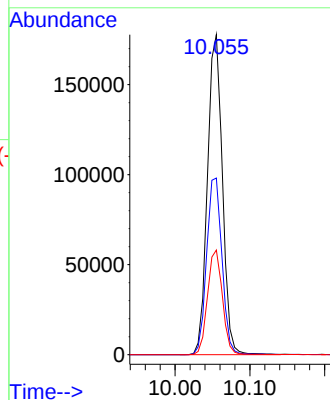
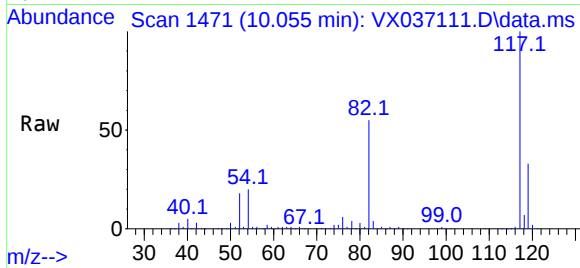




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

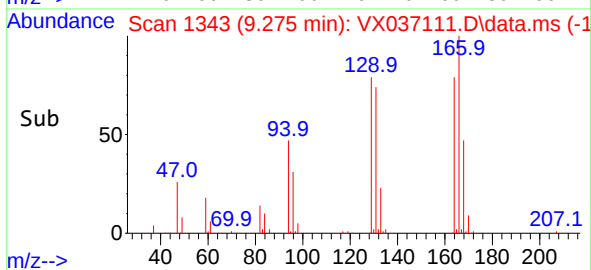
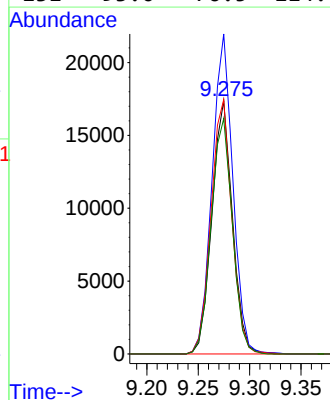
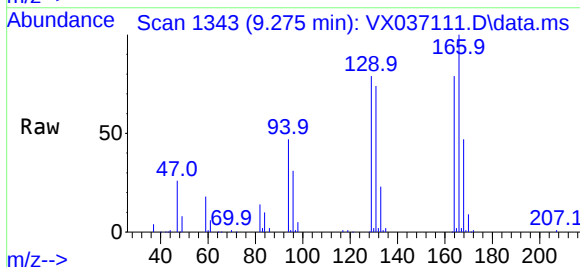
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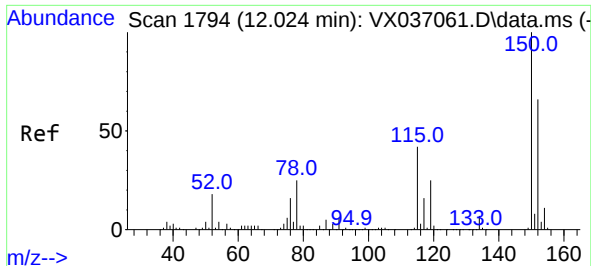
Tgt Ion:117 Resp: 246709
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 13.382 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

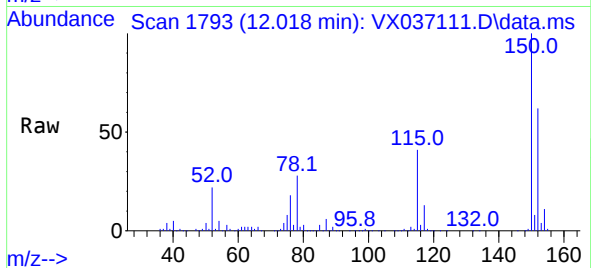
Tgt Ion:164 Resp: 24085
Ion Ratio Lower Upper
164 100
166 126.4 102.7 154.1
129 100.5 80.4 120.6
131 93.0 76.5 114.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814



Tgt Ion:152 Resp: 113120
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 158.2 0.0 345.0

