

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034677.D
 Acq On : 22 Mar 2023 17:10
 Operator : JC/MD
 Sample : 02039-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Mar 23 07:55:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

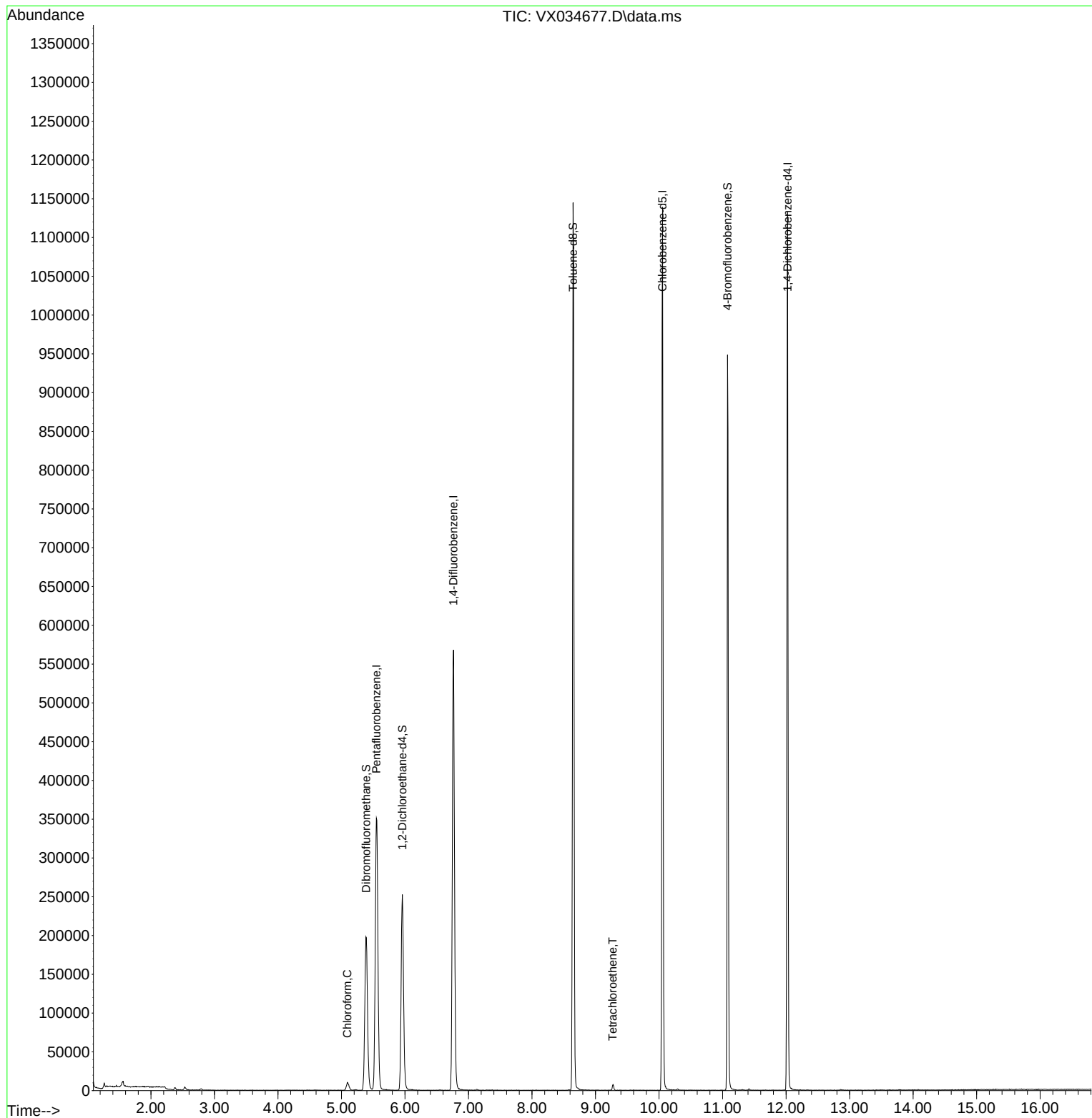
Internal Standards						
1) Pentafluorobenzene	5.550	168	325872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	561735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	491814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	252534	53.268	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.540%
35) Dibromofluoromethane	5.385	113	176064	47.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.647	98	659524	47.635	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.079	95	252905	45.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.440%
Target Compounds						Qvalue
30) Chloroform	5.092	83	11431	1.573	ug/l #	82
64) Tetrachloroethene	9.268	164	1281	0.388	ug/l	88

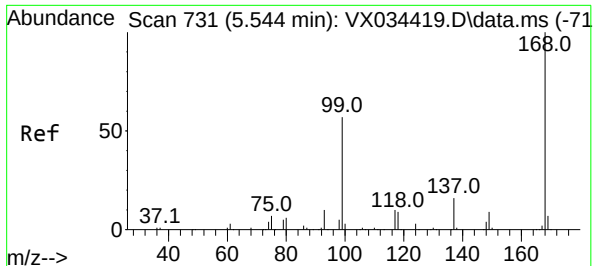
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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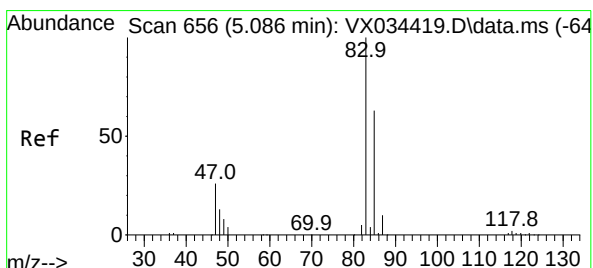
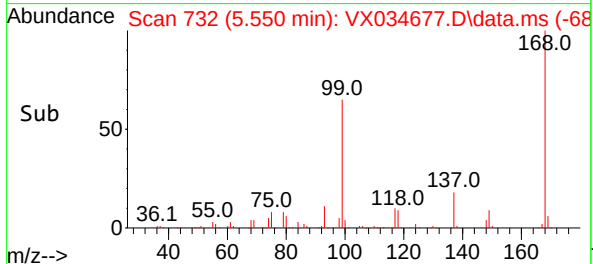
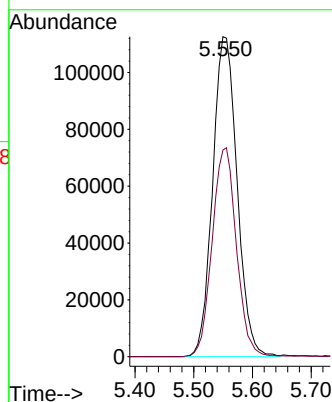
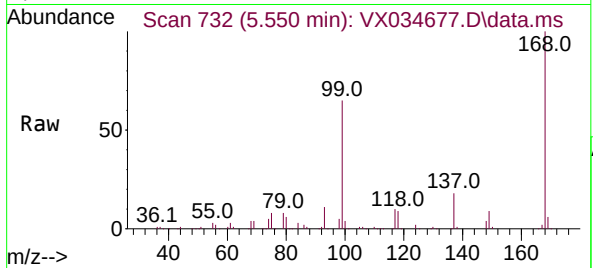




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

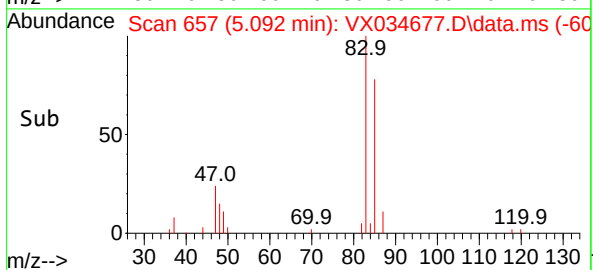
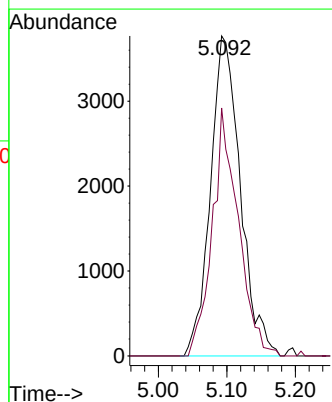
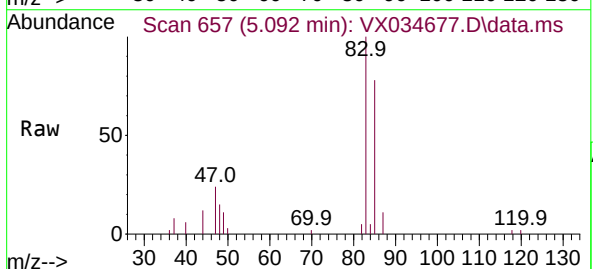
Instrument :
MSVOA_X
ClientSampleId :
MW-7

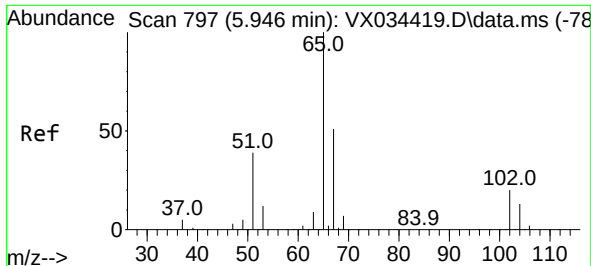
Tgt Ion:168 Resp: 325872
Ion Ratio Lower Upper
168 100
99 64.5 45.7 68.5



#30
Chloroform
Concen: 1.573 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 83 Resp: 11431
Ion Ratio Lower Upper
83 100
85 77.5 50.6 76.0#





#33

1,2-Dichloroethane-d4

Concen: 53.268 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034677.D

Acq: 22 Mar 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

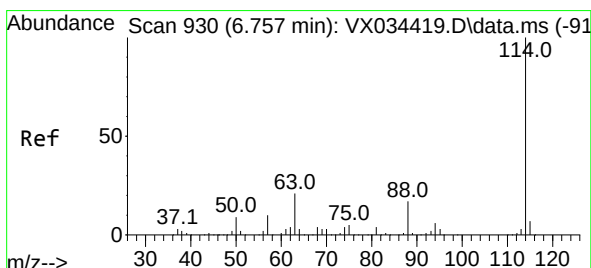
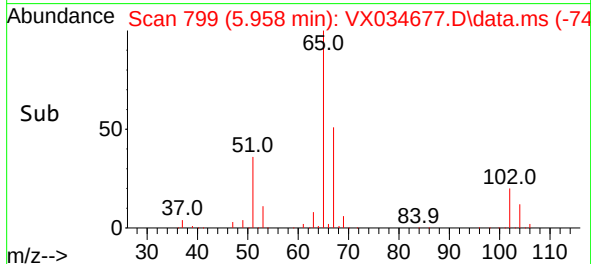
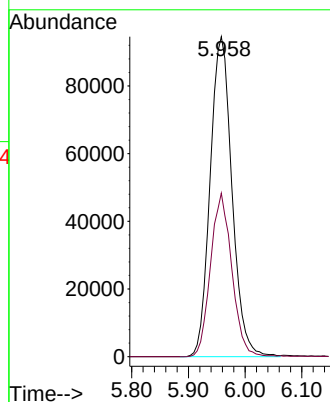
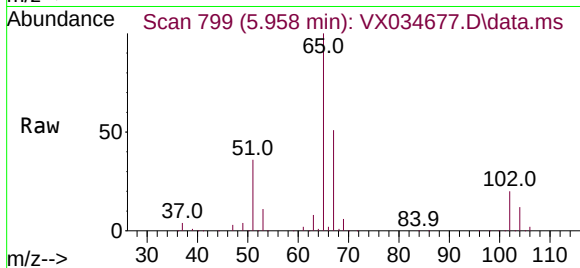
MW-7

Tgt Ion: 65 Resp: 252534

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034677.D

Acq: 22 Mar 2023 17:10

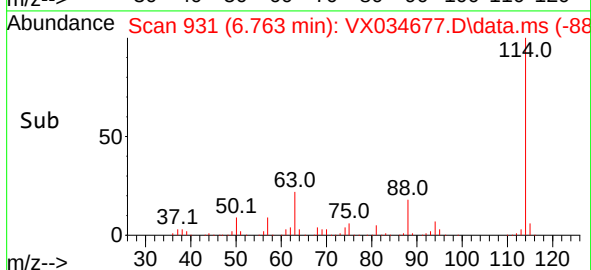
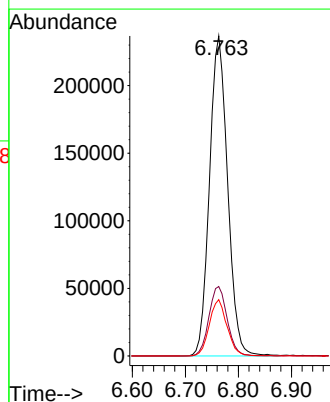
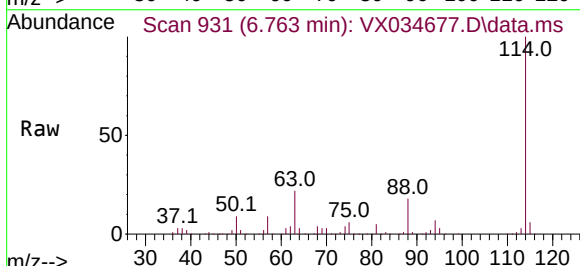
Tgt Ion: 114 Resp: 561735

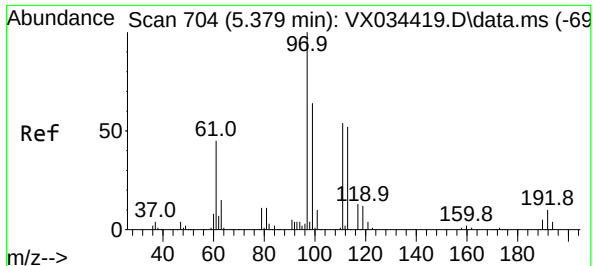
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.471 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034677.D

Acq: 22 Mar 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

MW-7

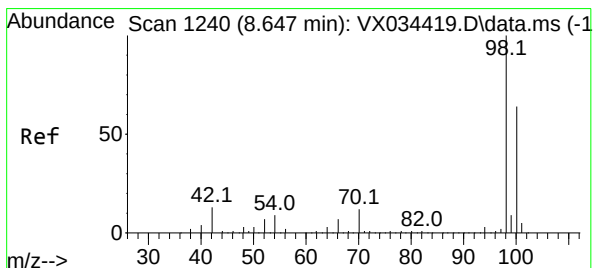
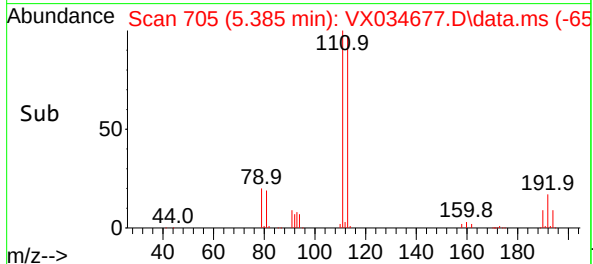
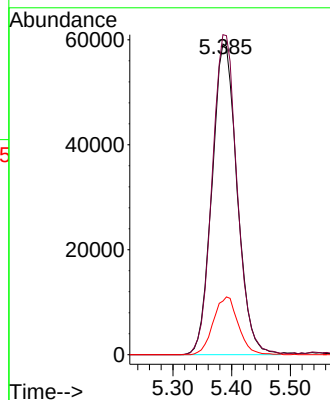
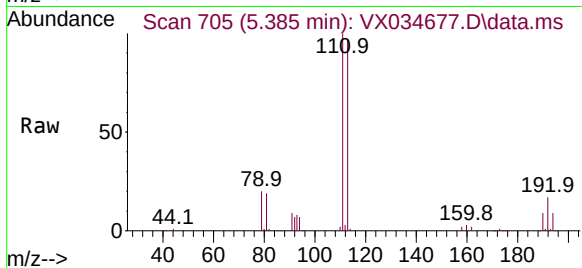
Tgt Ion:113 Resp: 176064

Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

192 18.4 15.4 23.2



#50

Toluene-d8

Concen: 47.635 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034677.D

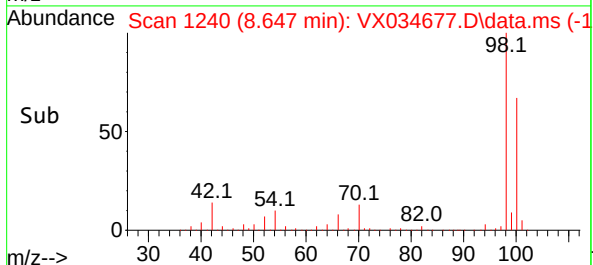
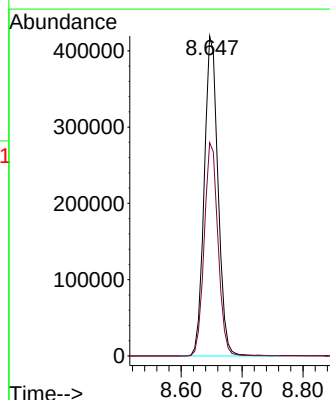
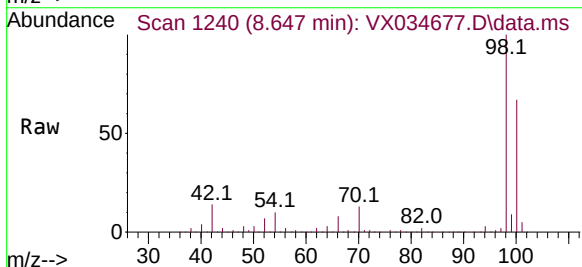
Acq: 22 Mar 2023 17:10

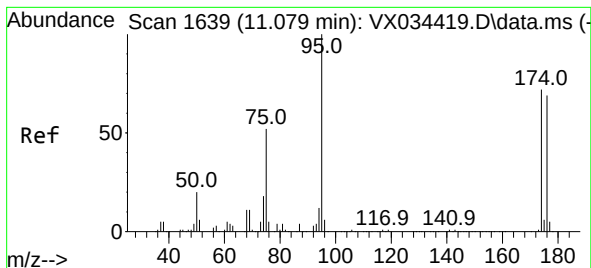
Tgt Ion: 98 Resp: 659524

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7

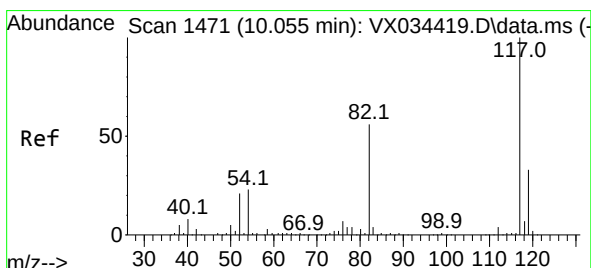
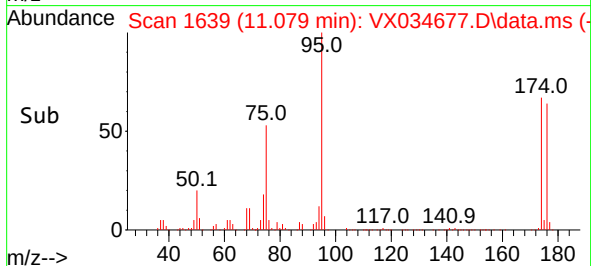
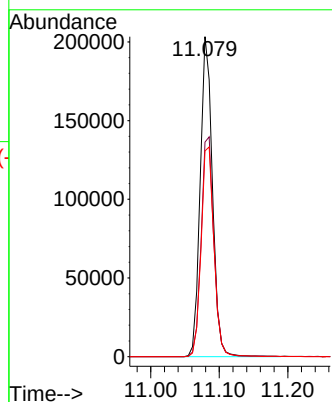
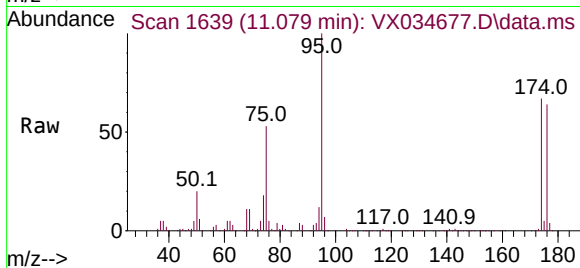




#62
4-Bromofluorobenzene
Concen: 45.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

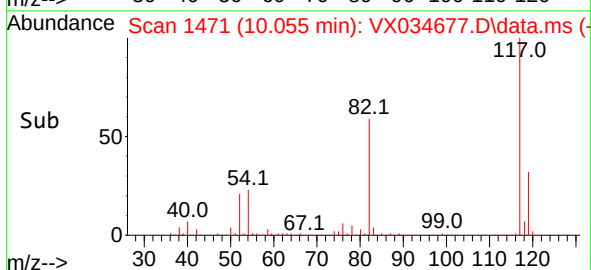
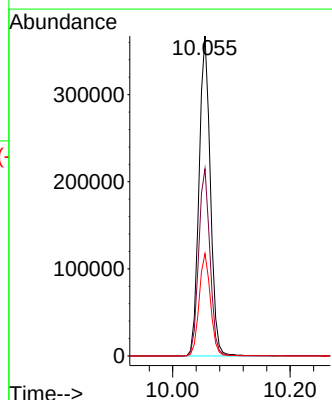
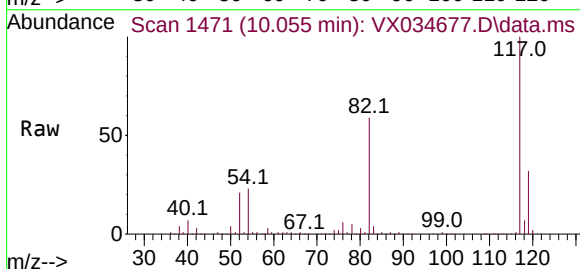
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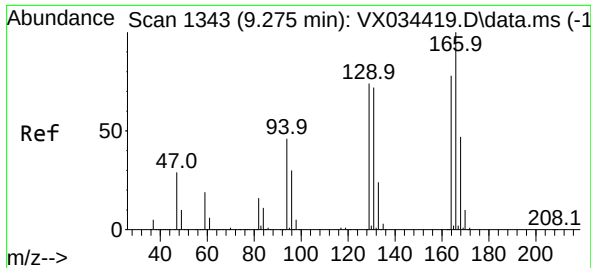
Tgt Ion: 95 Resp: 252905
Ion Ratio Lower Upper
95 100
174 71.3 0.0 147.4
176 68.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 117 Resp: 491814
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.0 26.0 39.0



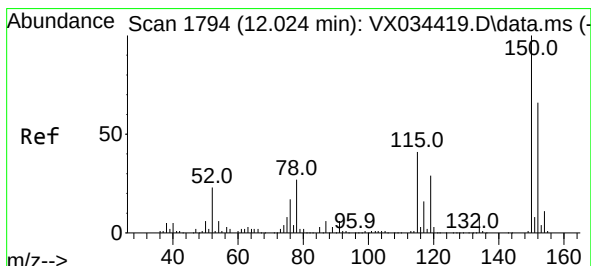
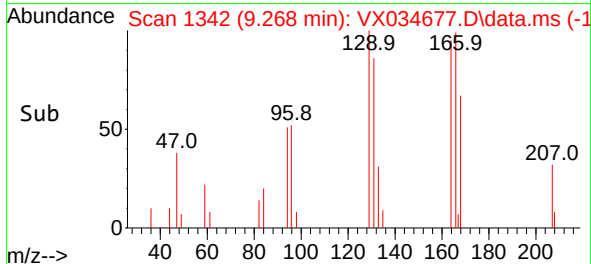
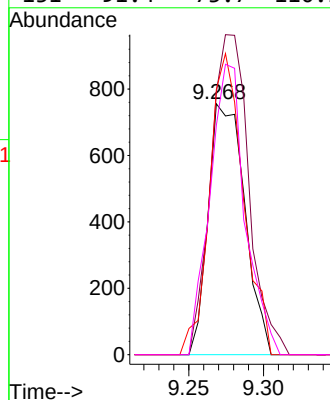
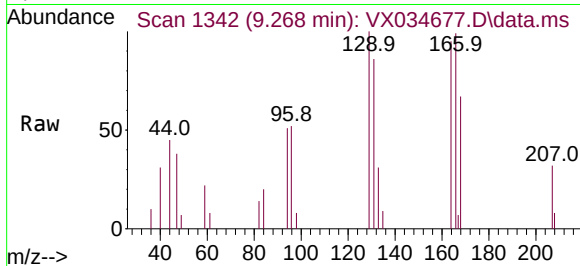


#64
Tetrachloroethene
Concen: 0.388 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:164 Resp: 1281

Ion	Ratio	Lower	Upper
164	100		
166	104.6	102.7	154.1
129	105.7	75.6	113.4
131	91.4	73.7	110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion:152 Resp: 225990

Ion	Ratio	Lower	Upper
152	100		
115	62.8	45.0	135.0
150	157.9	0.0	352.4

