

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039210.D
 Acq On : 14 Dec 2023 15:57
 Operator : JC/MD
 Sample : 05829-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Dec 15 03:02:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

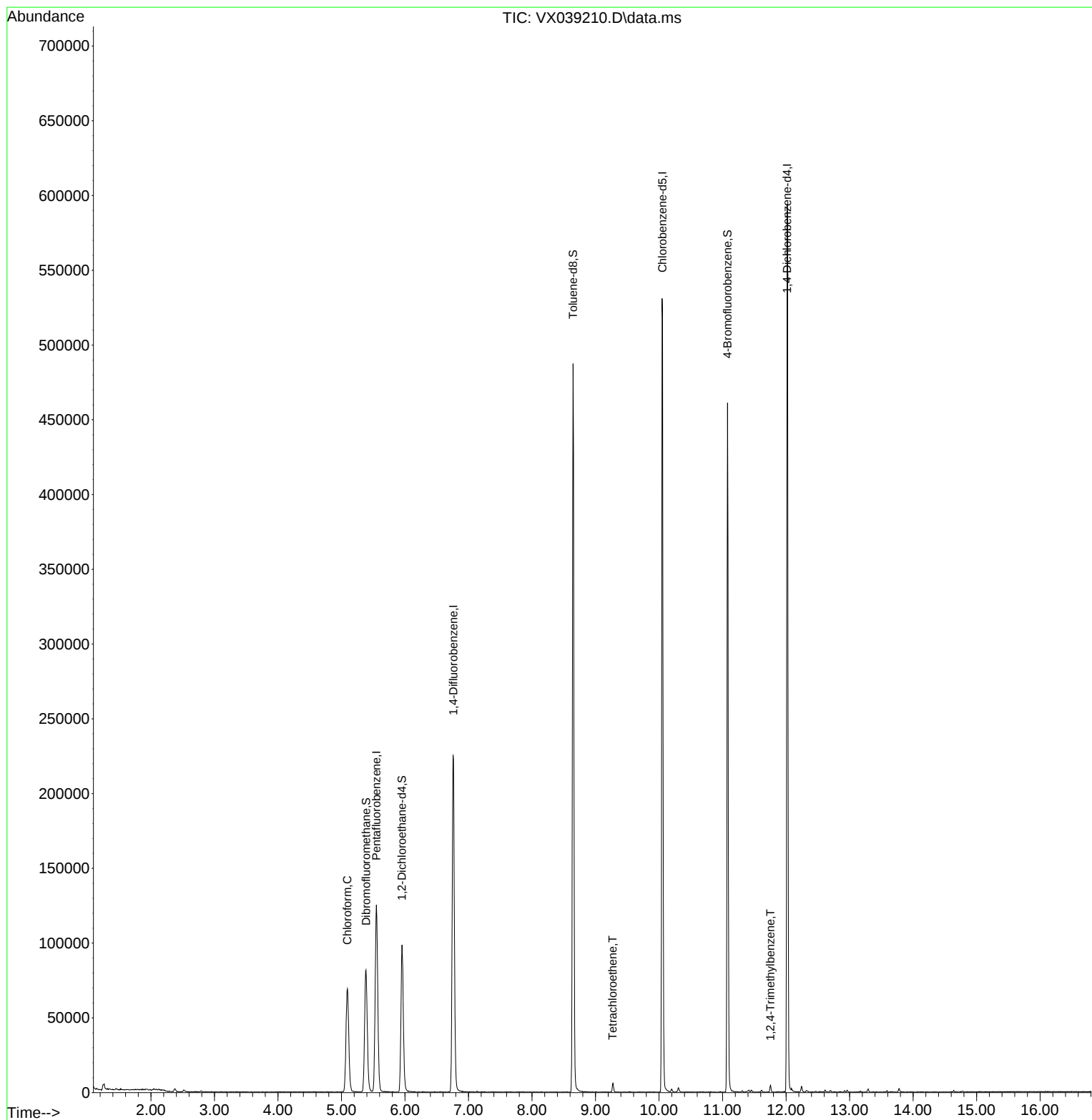
Internal Standards						
1) Pentafluorobenzene	5.550	168	105886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93917	48.417	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.840%
35) Dibromofluoromethane	5.385	113	72334	47.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.647	98	277696	49.283	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	127222	54.722	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.440%
Target Compounds						
					Qvalue	
30) Chloroform	5.092	83	82825	29.200	ug/l	98
64) Tetrachloroethene	9.268	164	894	0.601	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	2577	0.336	ug/l	93

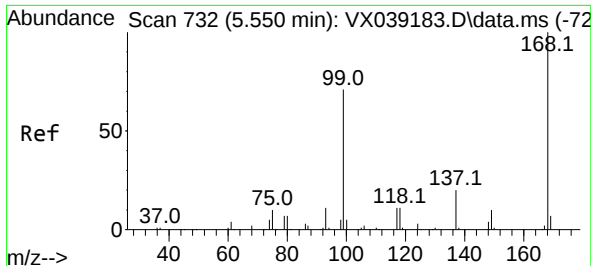
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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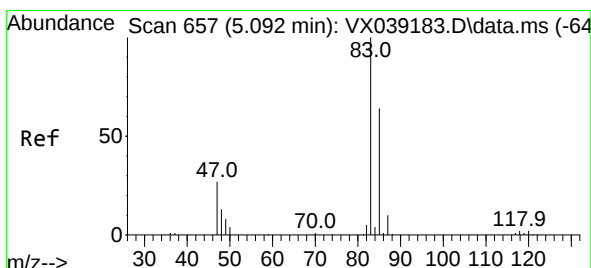
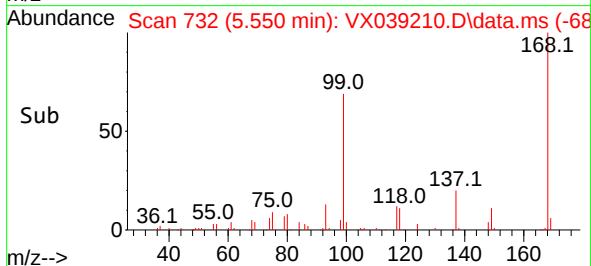
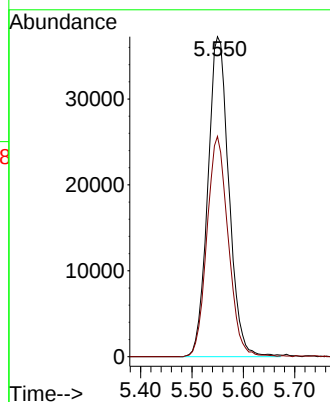
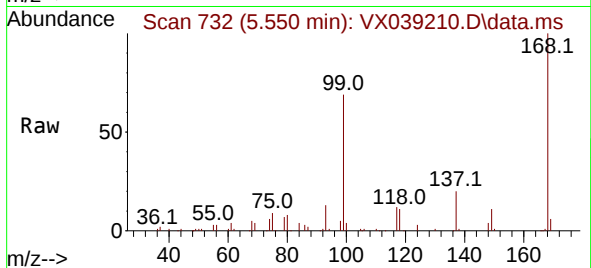




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039210.D
Acq: 14 Dec 2023 15:57

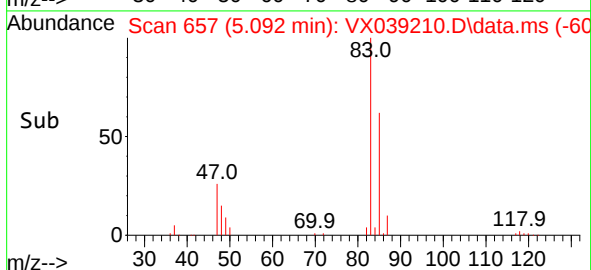
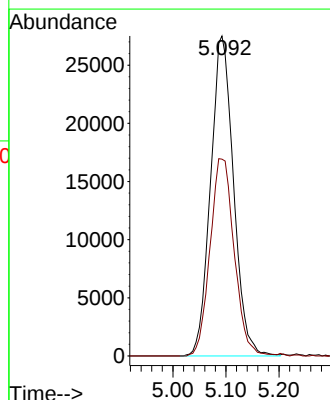
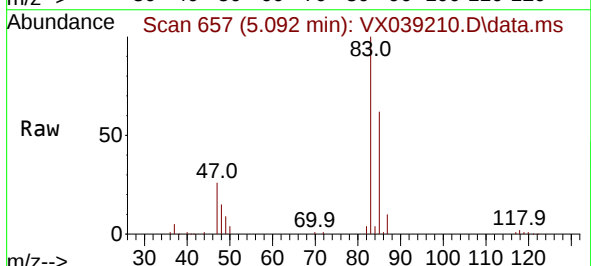
Instrument :
MSVOA_X
ClientSampleId :
MW-17

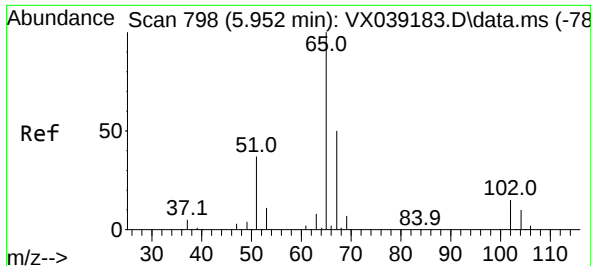
Tgt Ion:168 Resp: 105886
Ion Ratio Lower Upper
168 100
99 68.8 56.6 85.0



#30
Chloroform
Concen: 29.200 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039210.D
Acq: 14 Dec 2023 15:57

Tgt Ion: 83 Resp: 82825
Ion Ratio Lower Upper
83 100
85 61.5 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 48.417 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039210.D

Acq: 14 Dec 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

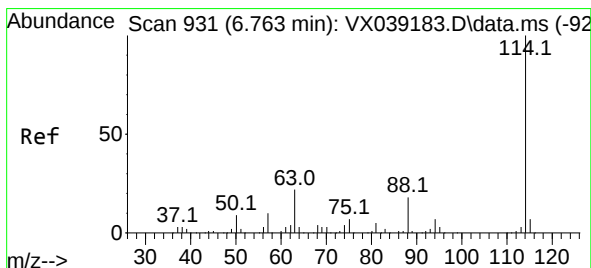
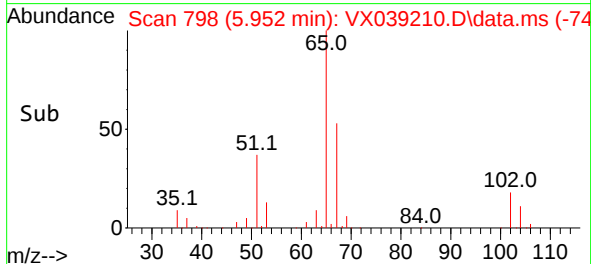
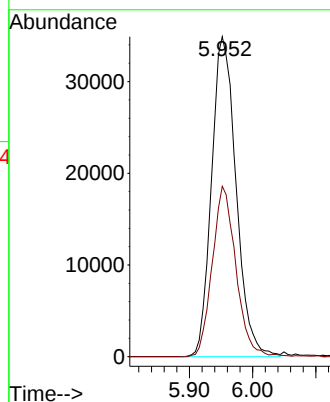
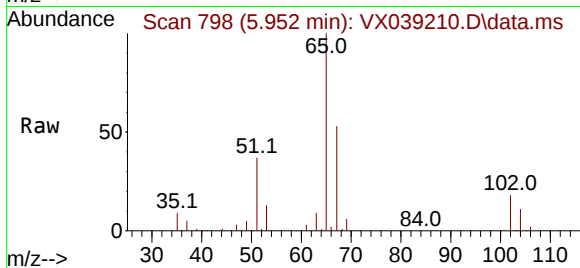
MW-17

Tgt Ion: 65 Resp: 93917

Ion Ratio Lower Upper

65 100

67 51.3 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: VX039210.D

Acq: 14 Dec 2023 15:57

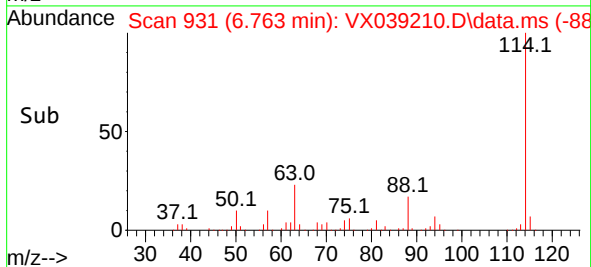
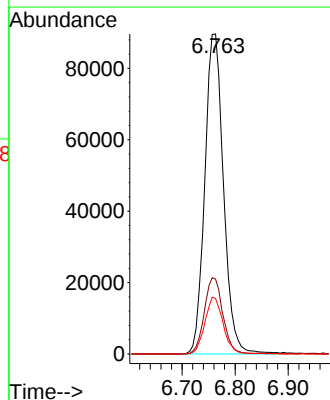
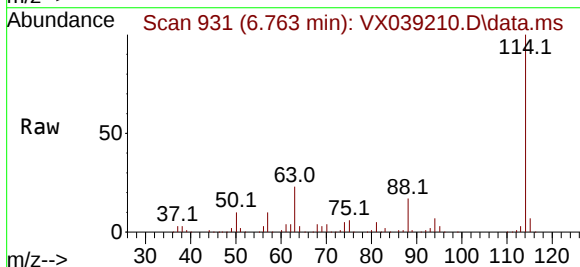
Tgt Ion: 114 Resp: 219697

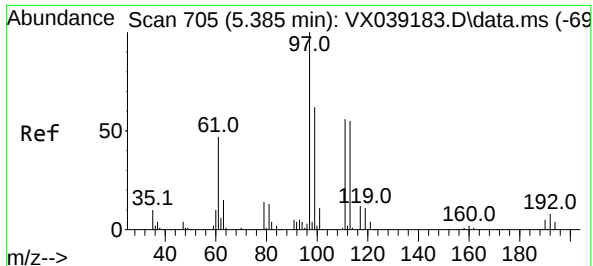
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

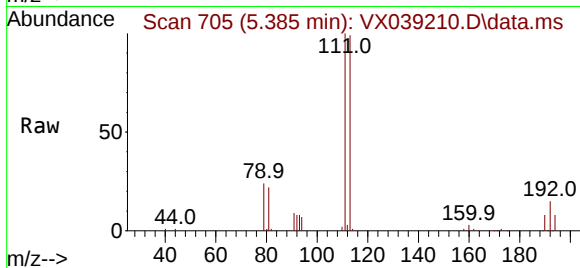
88 17.3 0.0 36.6



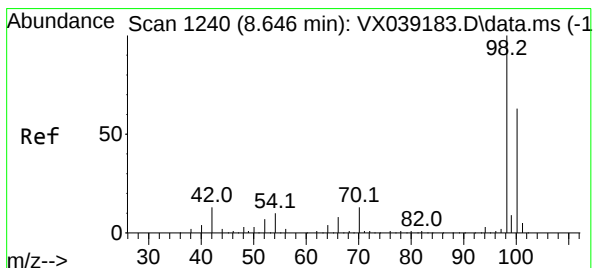
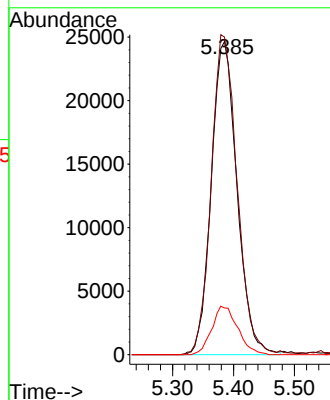
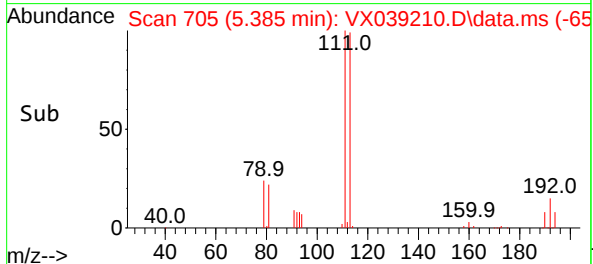


#35
Dibromofluoromethane
Concen: 47.658 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039210.D
Acq: 14 Dec 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
MW-17

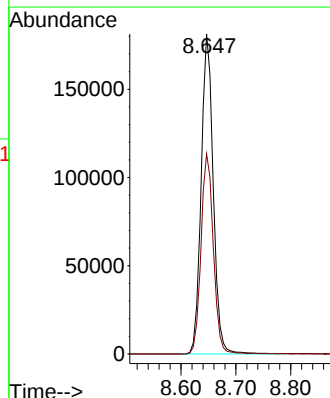
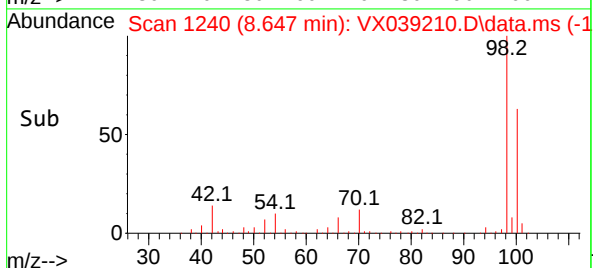
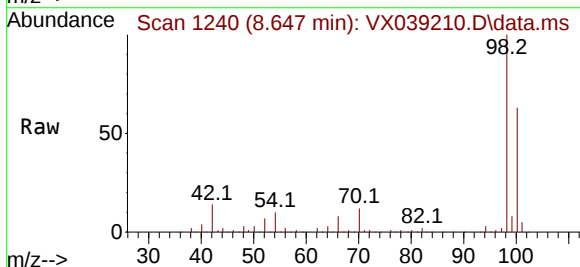


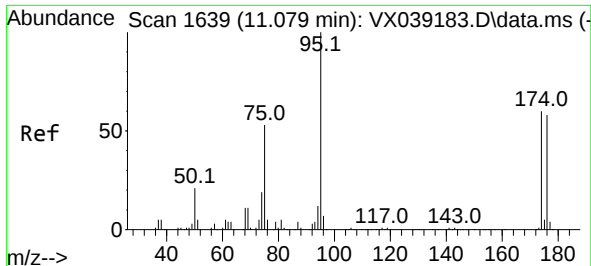
Tgt Ion:113 Resp: 72334
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 15.6 13.3 19.9



#50
Toluene-d8
Concen: 49.283 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039210.D
Acq: 14 Dec 2023 15:57

Tgt Ion: 98 Resp: 277696
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 54.722 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039210.D

Acq: 14 Dec 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-17

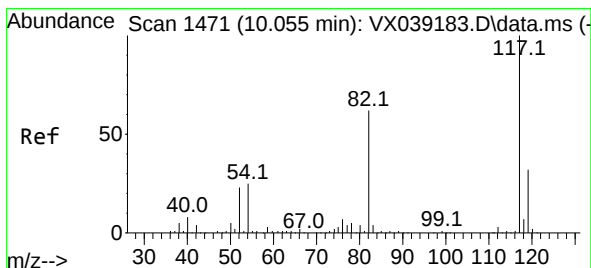
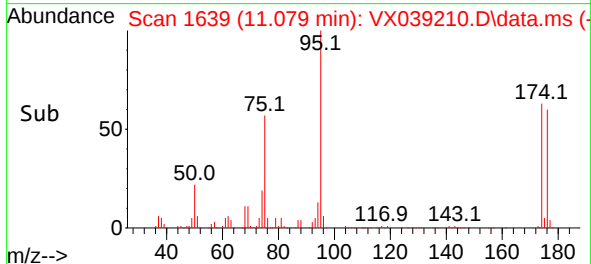
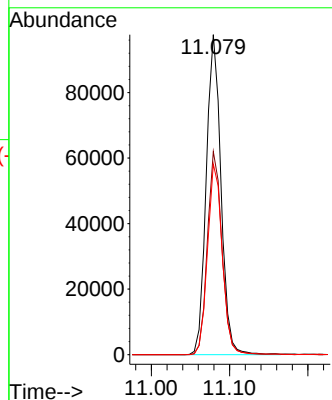
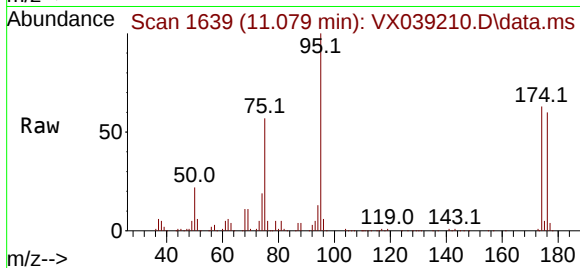
Tgt Ion: 95 Resp: 127222

Ion Ratio Lower Upper

95 100

174 62.7 0.0 135.6

176 59.9 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: VX039210.D

Acq: 14 Dec 2023 15:57

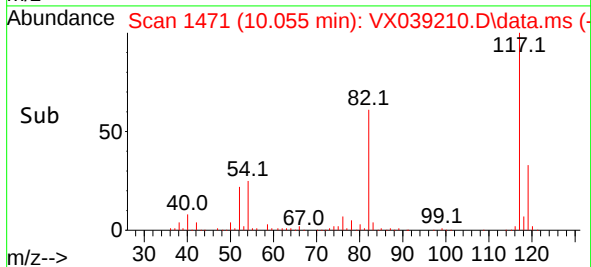
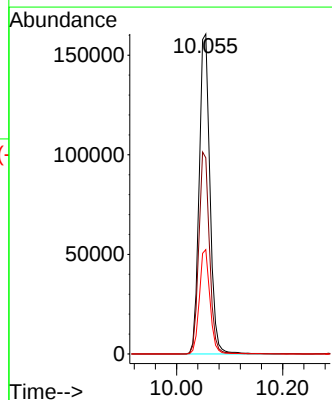
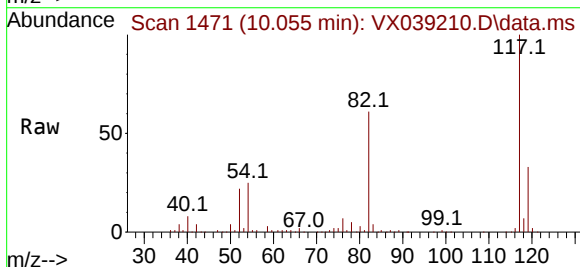
Tgt Ion: 117 Resp: 227617

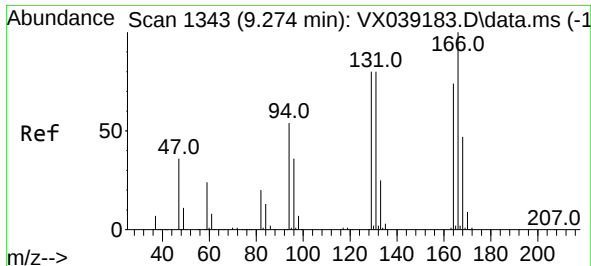
Ion Ratio Lower Upper

117 100

82 61.3 46.2 69.4

119 32.6 25.5 38.3

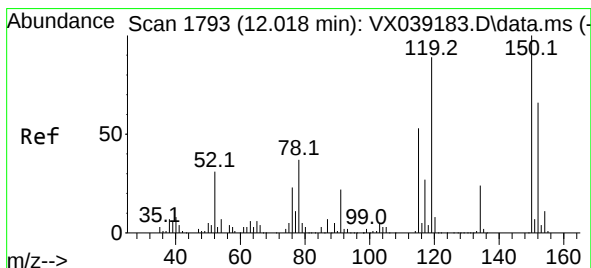
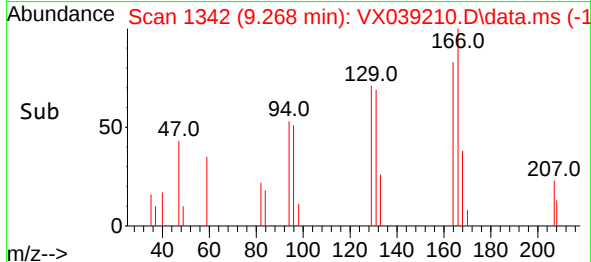
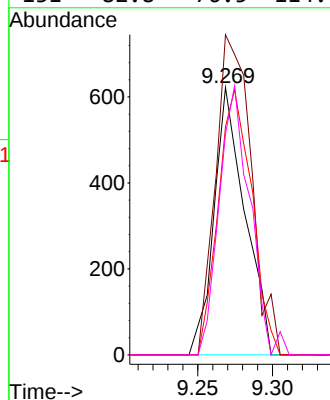
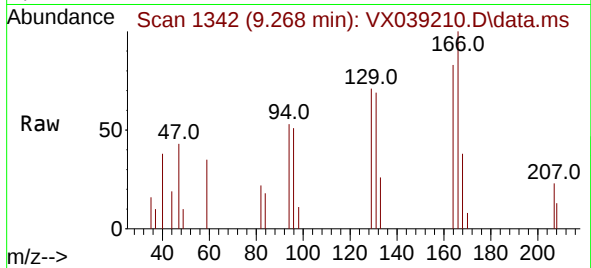




#64
Tetrachloroethene
Concen: 0.601 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039210.D
Acq: 14 Dec 2023 15:57

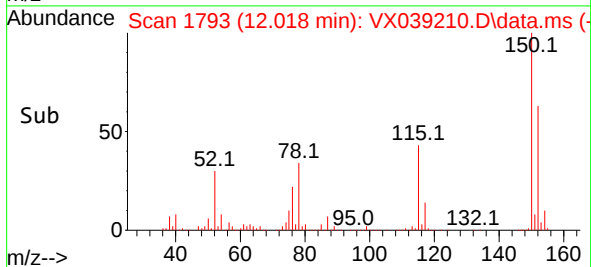
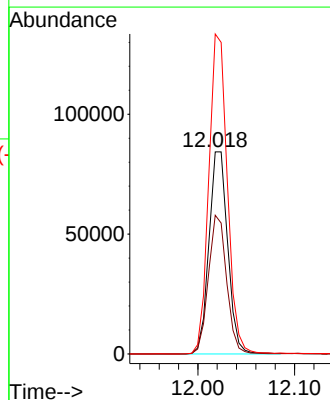
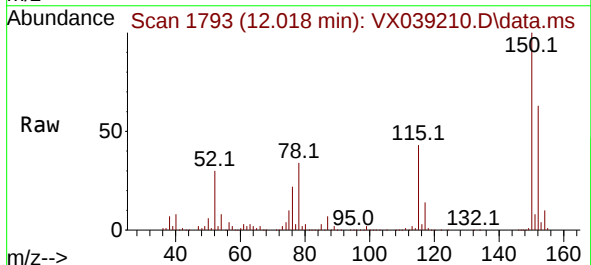
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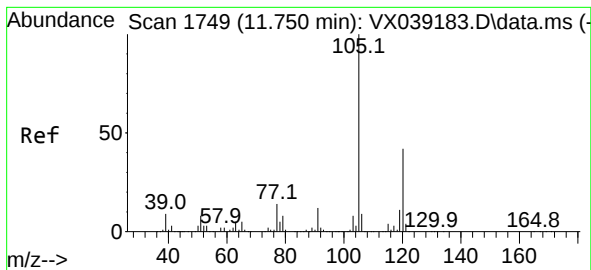
Tgt Ion:164	Resp:	894	
Ion	Ratio	Lower	Upper
164	100		
166	119.8	102.7	154.1
129	85.4	80.4	120.6
131	82.8	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039210.D
Acq: 14 Dec 2023 15:57

Tgt Ion:152	Resp:	113932	
Ion	Ratio	Lower	Upper
152	100		
115	66.8	43.3	129.9
150	156.8	0.0	345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.336 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039210.D

Acq: 14 Dec 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-17

Tgt Ion:105 Resp: 2577

Ion Ratio Lower Upper

105 100

120 38.1 21.2 63.6

