

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039634.D
 Acq On : 04 Jan 2024 20:28
 Operator : JC/MD
 Sample : P1034-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Quant Time: Jan 05 00:47:49 2024
 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)

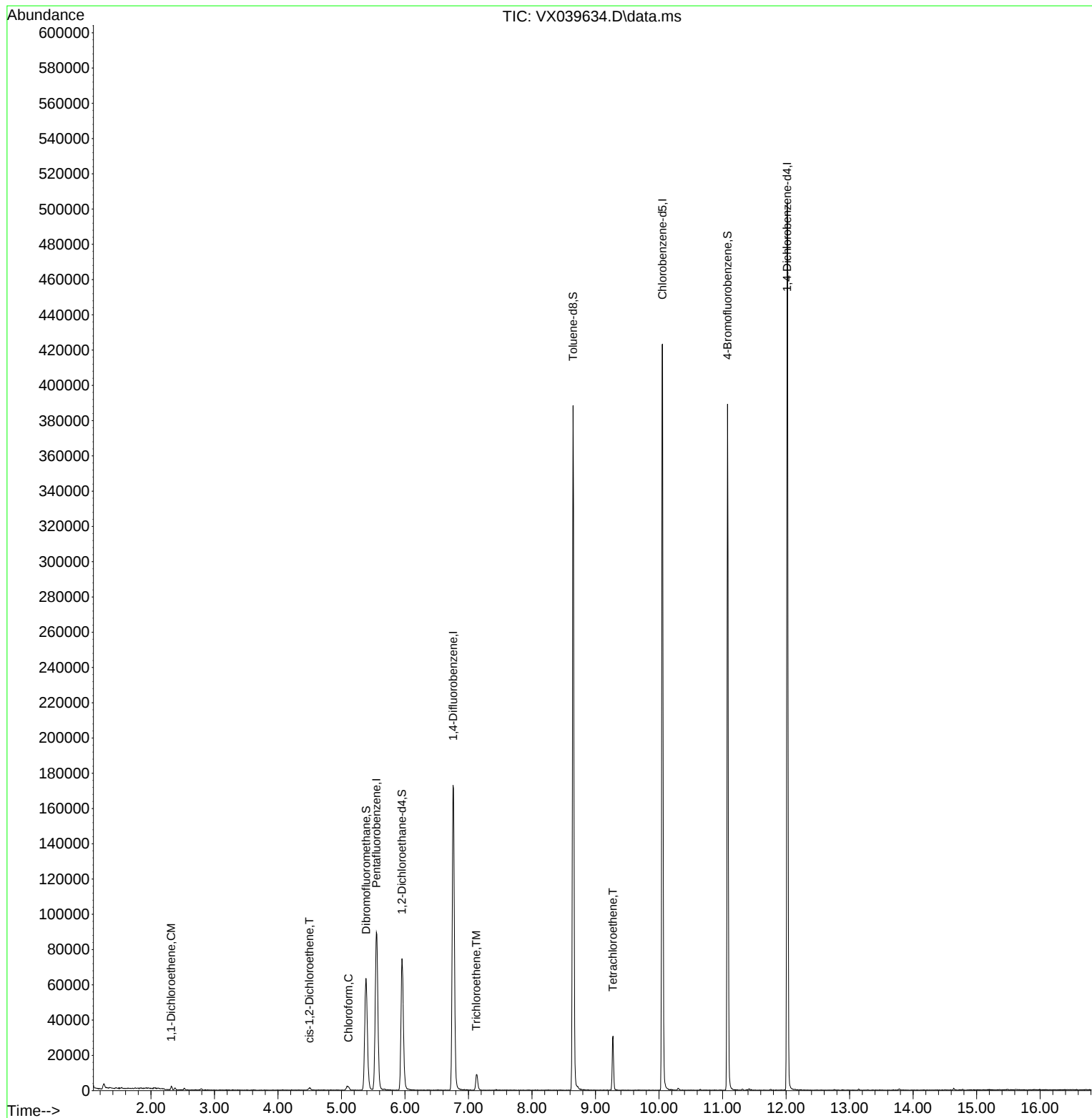
Internal Standards						
1) Pentafluorobenzene	5.550	168	79586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69499	47.669	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.340%
35) Dibromofluoromethane	5.385	113	55766	47.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	221650	50.414	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.820%
62) 4-Bromofluorobenzene	11.079	95	103123	56.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	653	0.638	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	868	0.706	ug/l	86
30) Chloroform	5.111	83	2904	1.362	ug/l	96
44) Trichloroethene	7.123	130	3691	2.767	ug/l	84
64) Tetrachloroethene	9.275	164	5214	4.237	ug/l	97

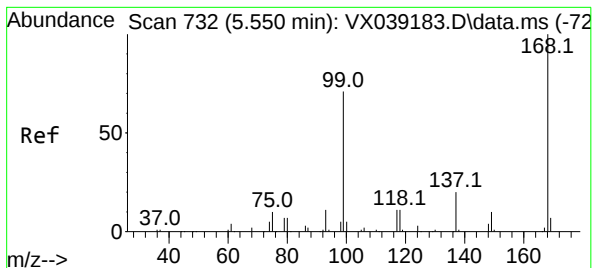
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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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: VX039634.D

Acq: 04 Jan 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

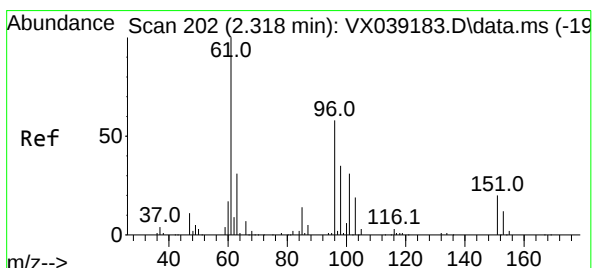
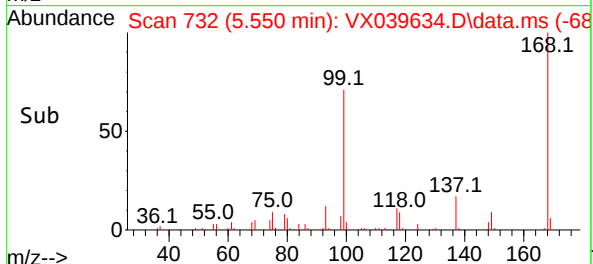
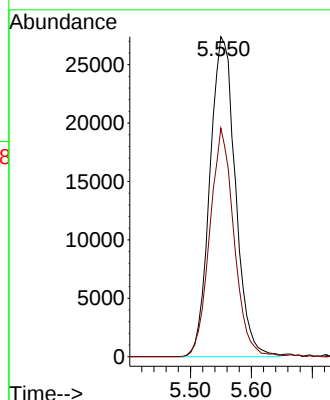
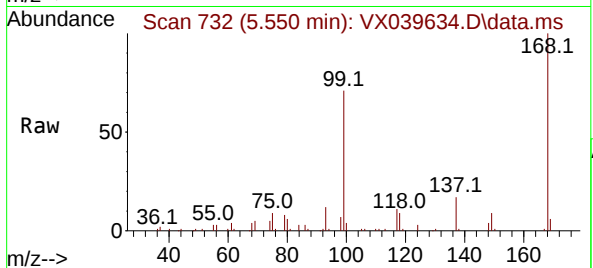
MW-1D

Tgt Ion:168 Resp: 79586

Ion Ratio Lower Upper

168 100

99 71.5 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.638 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039634.D

Acq: 04 Jan 2024 20:28

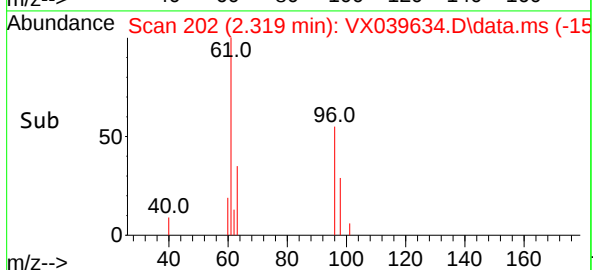
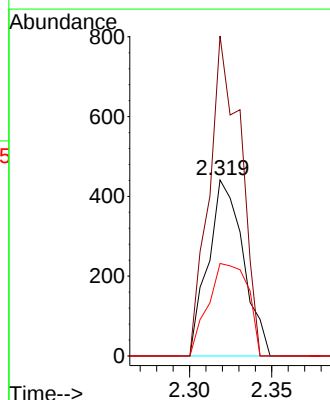
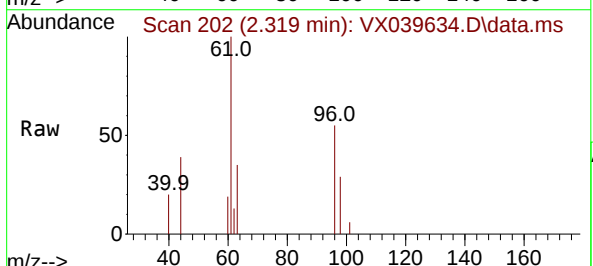
Tgt Ion: 96 Resp: 653

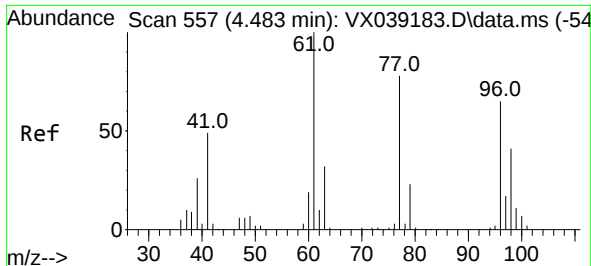
Ion Ratio Lower Upper

96 100

61 181.9 144.6 216.8

98 52.6 50.4 75.6

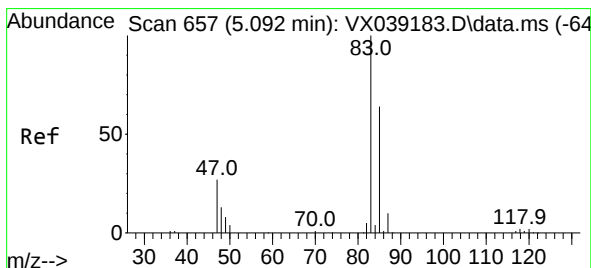
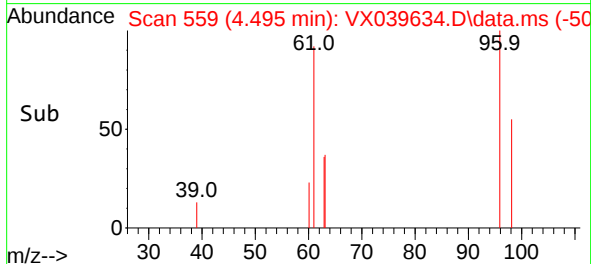
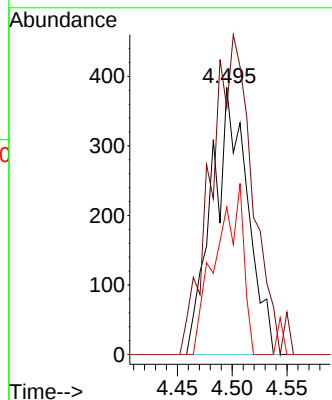
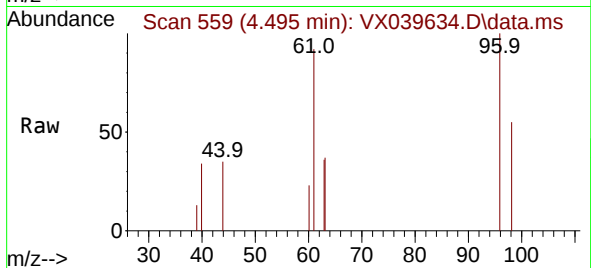




#27
 cis-1,2-Dichloroethene
 Concen: 0.706 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX039634.D
 Acq: 04 Jan 2024 20:28

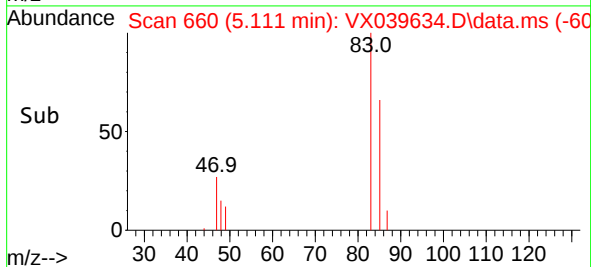
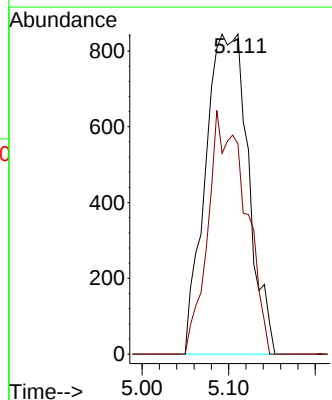
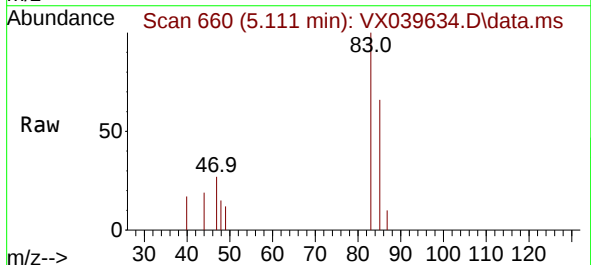
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

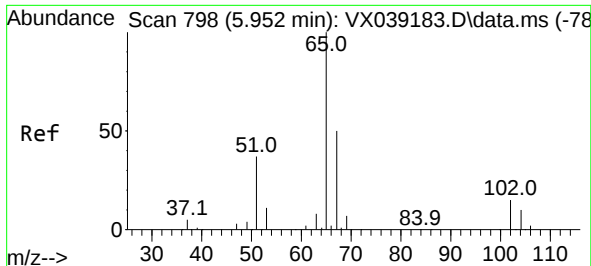
Tgt Ion: 96	Resp:	868	
Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	312.2
98	49.5	0.0	129.0



#30
 Chloroform
 Concen: 1.362 ug/l
 RT: 5.111 min Scan# 660
 Delta R.T. 0.018 min
 Lab File: VX039634.D
 Acq: 04 Jan 2024 20:28

Tgt Ion: 83	Resp:	2904	
Ion Ratio	Lower	Upper	
83 100			
85 65.7	50.3	75.5	





#33

1,2-Dichloroethane-d4

Concen: 47.669 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039634.D

Acq: 04 Jan 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

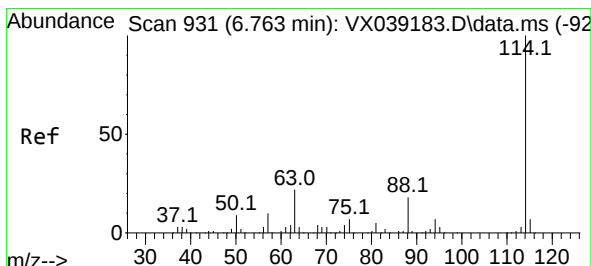
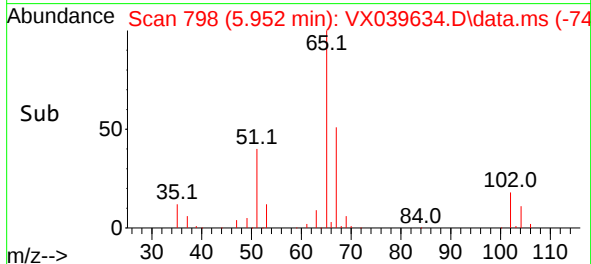
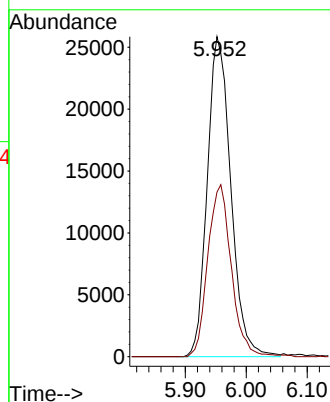
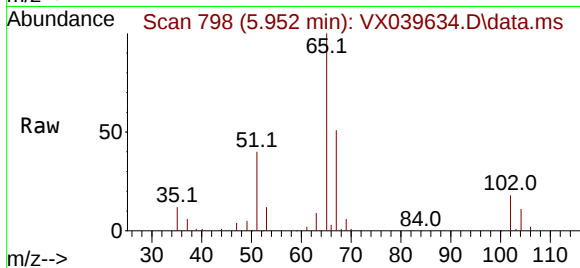
MW-1D

Tgt Ion: 65 Resp: 69499

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039634.D

Acq: 04 Jan 2024 20:28

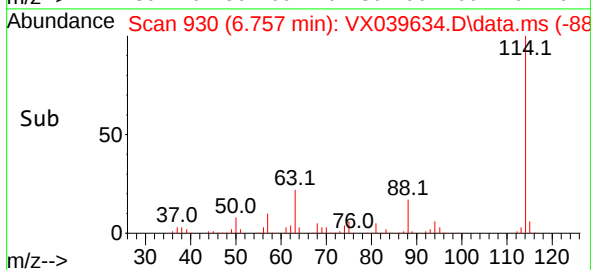
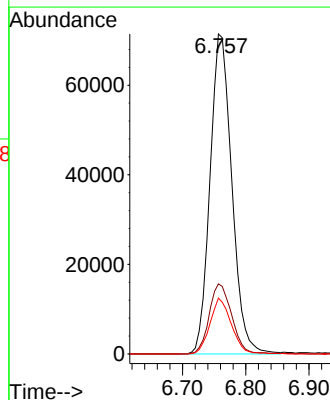
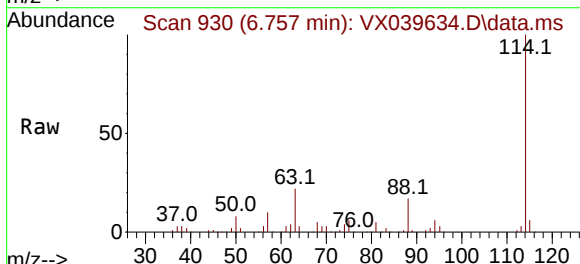
Tgt Ion: 114 Resp: 171420

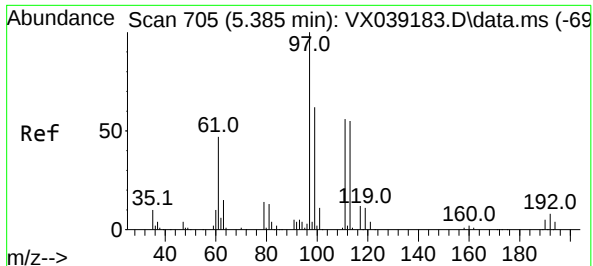
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 17.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.090 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039634.D

Acq: 04 Jan 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

MW-1D

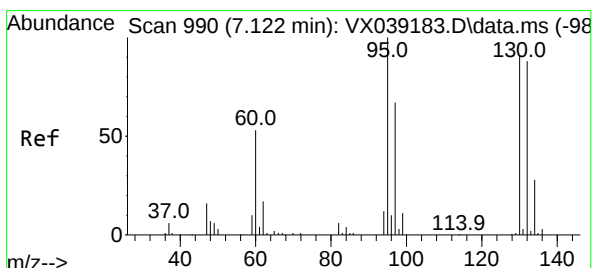
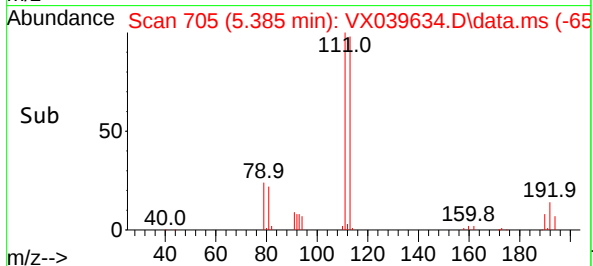
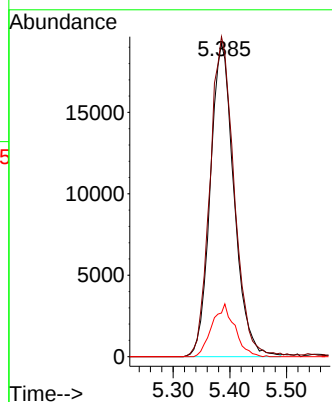
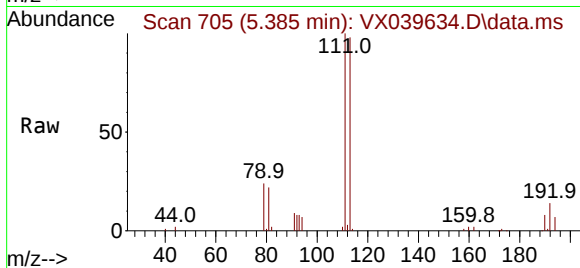
Tgt Ion:113 Resp: 55766

Ion Ratio Lower Upper

113 100

111 105.1 82.9 124.3

192 16.2 13.3 19.9



#44

Trichloroethene

Concen: 2.767 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039634.D

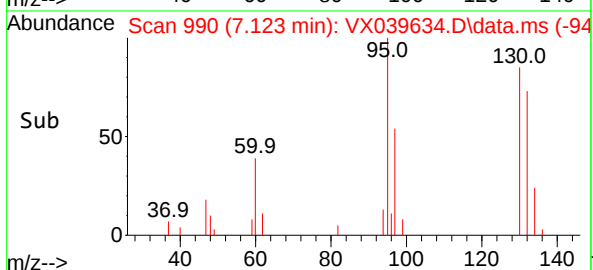
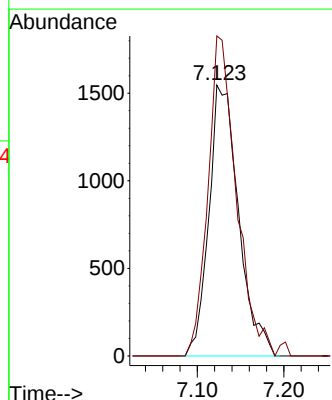
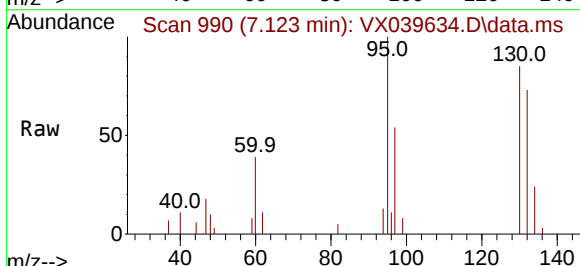
Acq: 04 Jan 2024 20:28

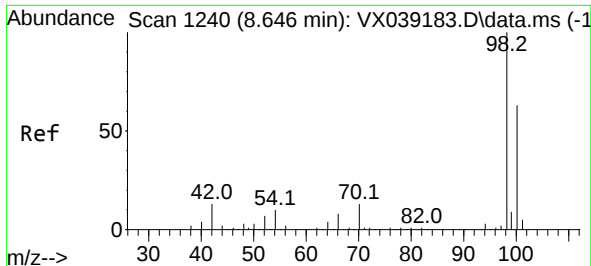
Tgt Ion:130 Resp: 3691

Ion Ratio Lower Upper

130 100

95 118.1 0.0 204.4

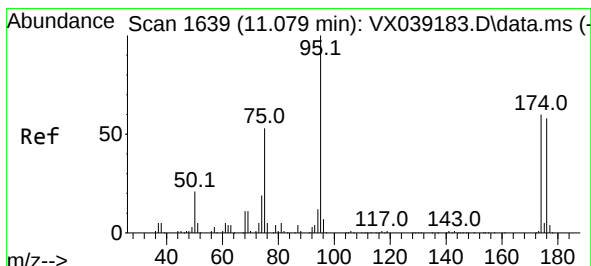
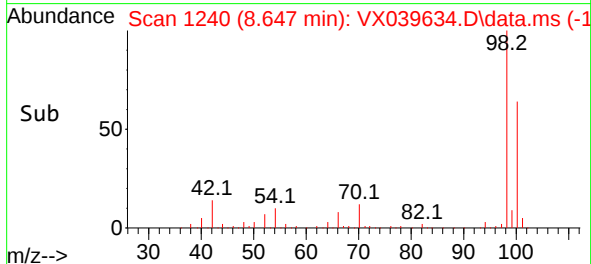
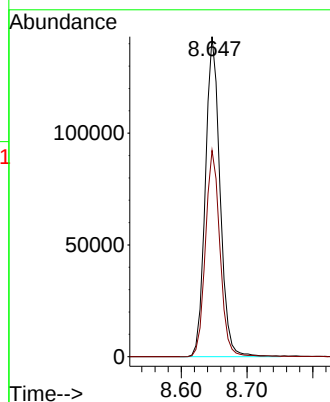
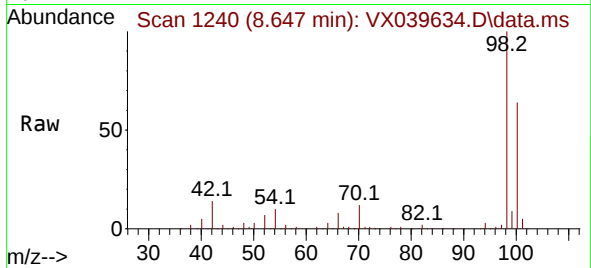




#50
Toluene-d8
Concen: 50.414 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

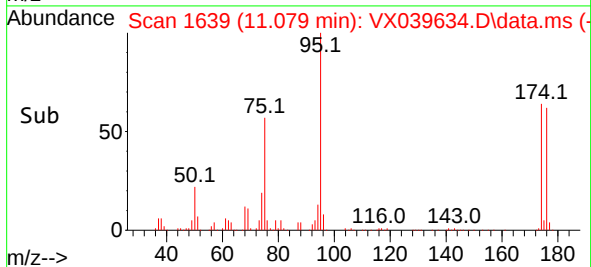
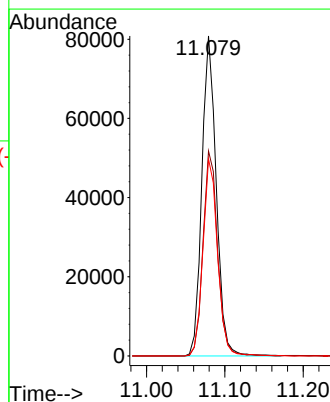
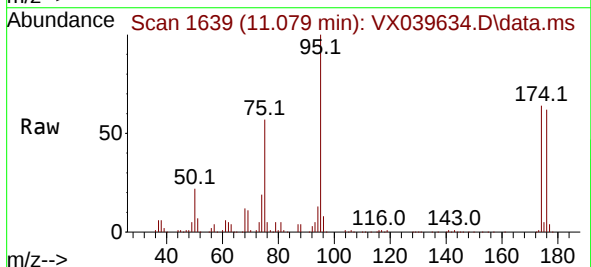
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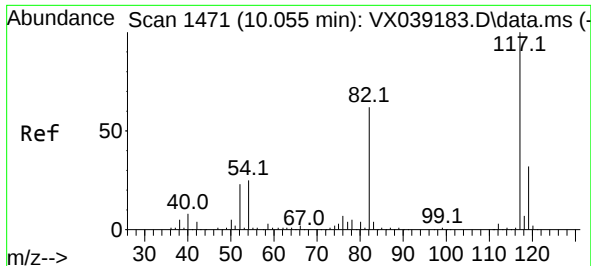
Tgt Ion: 98 Resp: 221650
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 56.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Tgt Ion: 95 Resp: 103123
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 62.6 0.0 131.0

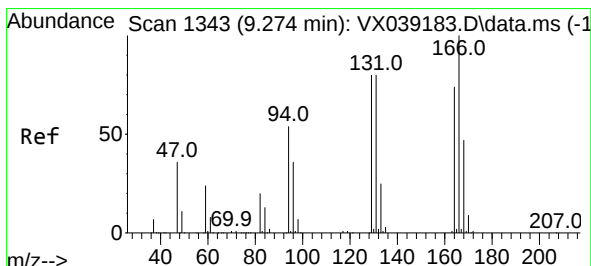
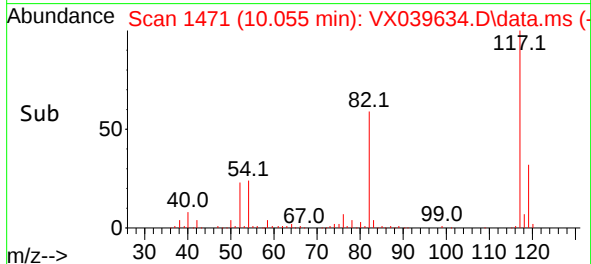
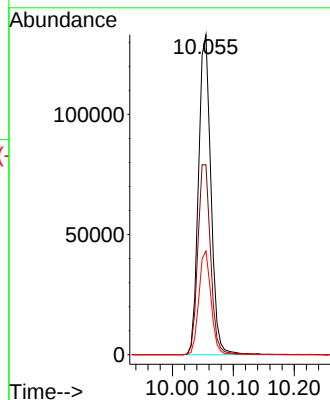
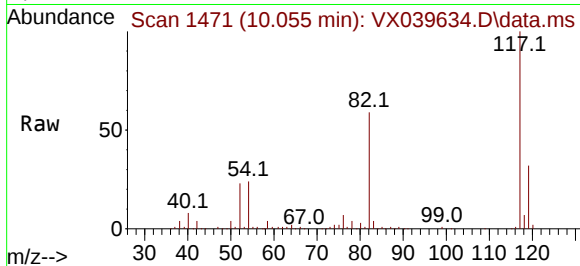




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

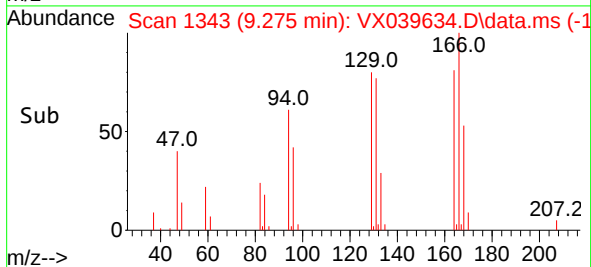
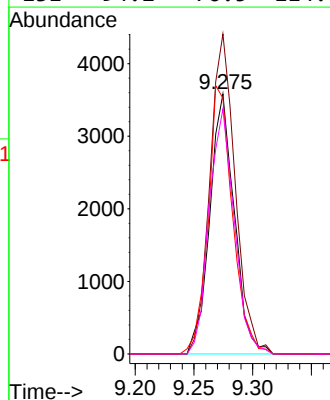
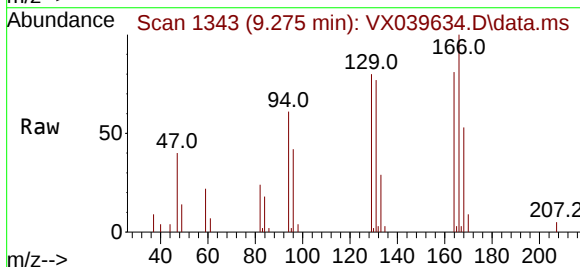
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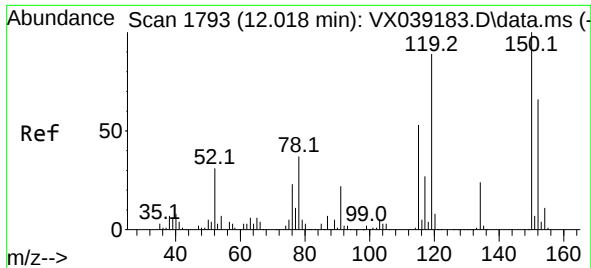
Tgt Ion:117 Resp: 188336
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 4.237 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Tgt Ion:164 Resp: 5214
Ion Ratio Lower Upper
164 100
166 123.1 102.7 154.1
129 98.4 80.4 120.6
131 94.2 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039634.D
 Acq: 04 Jan 2024 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Tgt Ion:152 Resp: 96811
 Ion Ratio Lower Upper
 152 100
 115 66.1 43.3 129.9
 150 156.7 0.0 345.0

