

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039633.D
 Acq On : 04 Jan 2024 20:05
 Operator : JC/MD
 Sample : P1034-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jan 05 00:47:24 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)

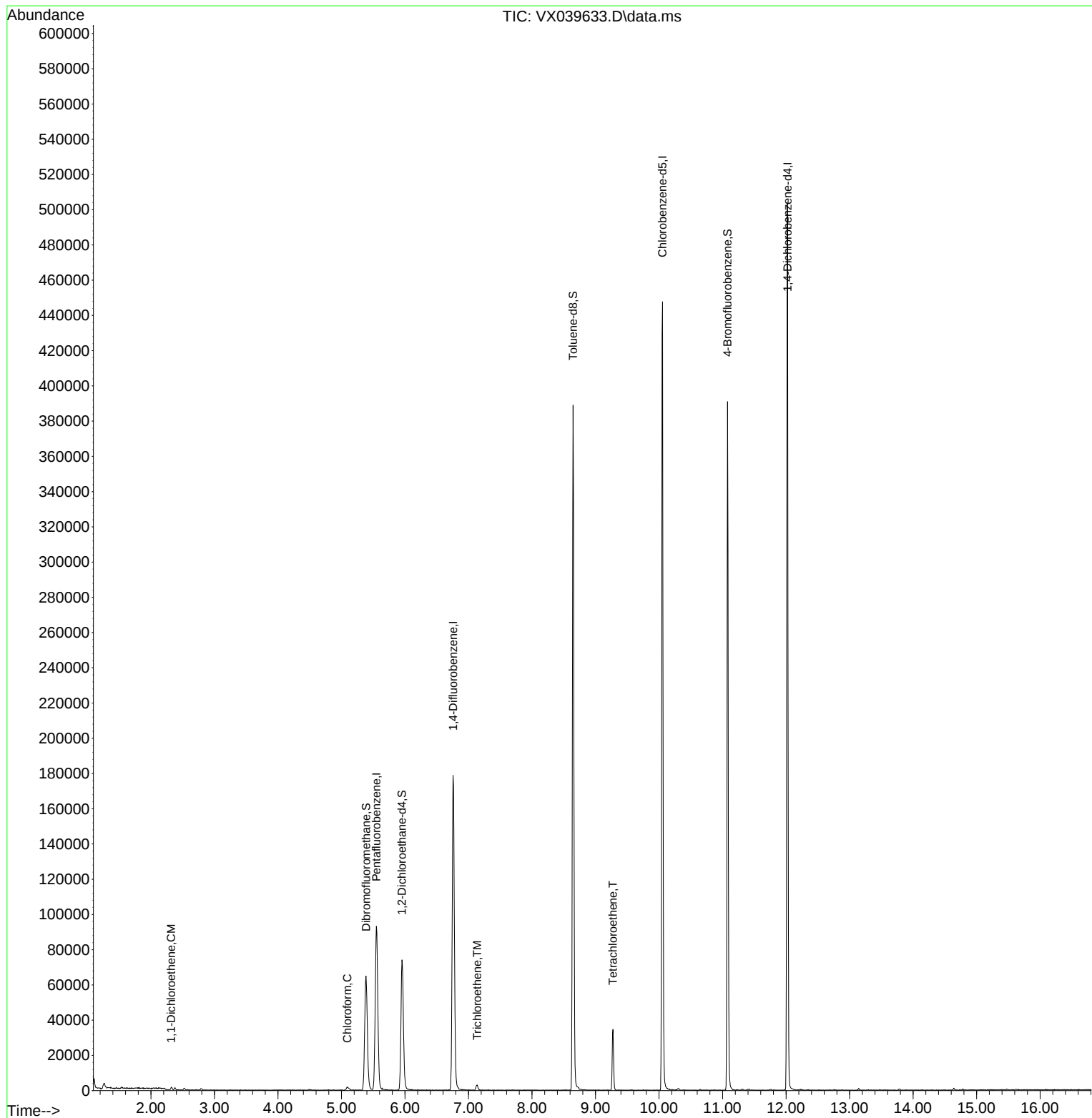
Internal Standards						
1) Pentafluorobenzene	5.550	168	81922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71106	47.380	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.760%
35) Dibromofluoromethane	5.385	113	57213	46.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	8.647	98	223002	49.287	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	104037	55.730	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.460%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	443	0.421	ug/l	83
30) Chloroform	5.093	83	2343	1.068	ug/l #	76
44) Trichloroethene	7.135	130	1291	0.940	ug/l	73
64) Tetrachloroethene	9.275	164	6092	4.888	ug/l	93

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

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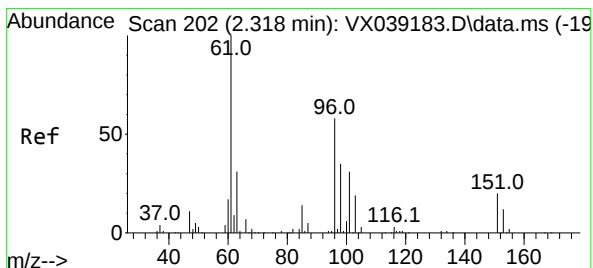
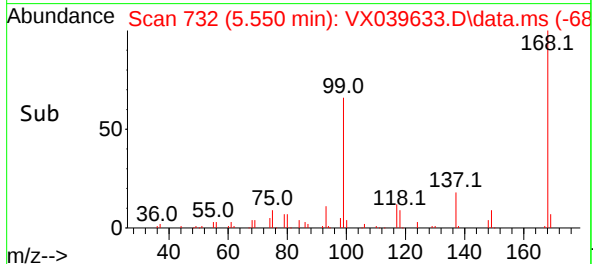
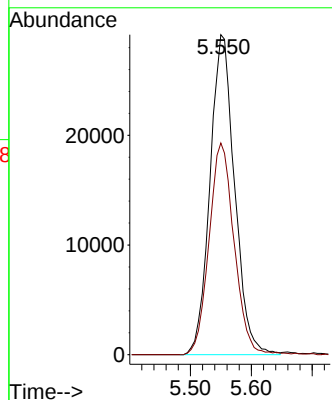
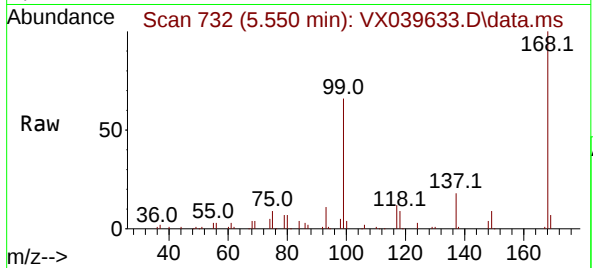




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

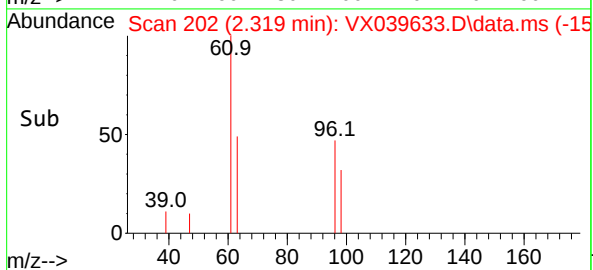
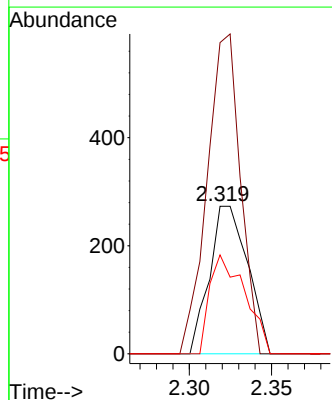
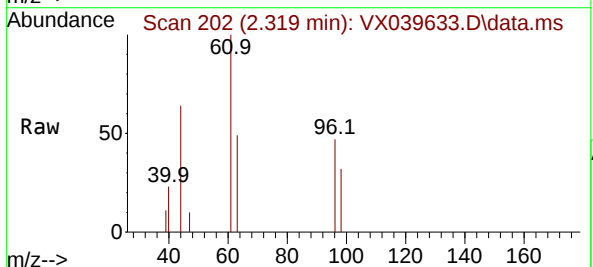
Instrument :
MSVOA_X
ClientSampleId :
MW-1

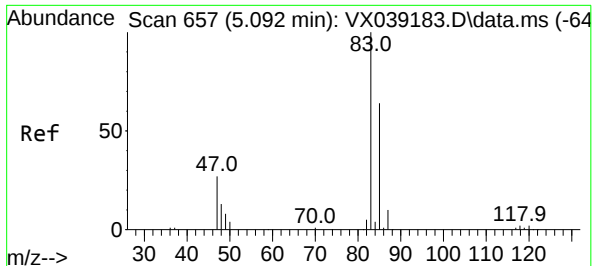
Tgt Ion:168 Resp: 81922
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.421 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Tgt Ion: 96 Resp: 443
Ion Ratio Lower Upper
96 100
61 211.0 144.6 216.8
98 67.0 50.4 75.6





#30

Chloroform

Concen: 1.068 ug/l

RT: 5.093 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX039633.D

Acq: 04 Jan 2024 20:05

Instrument :

MSVOA_X

ClientSampleId :

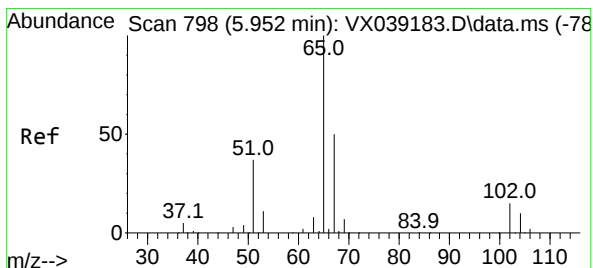
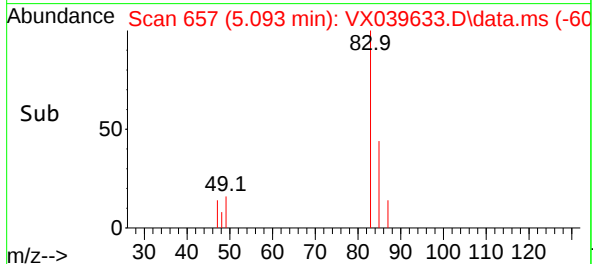
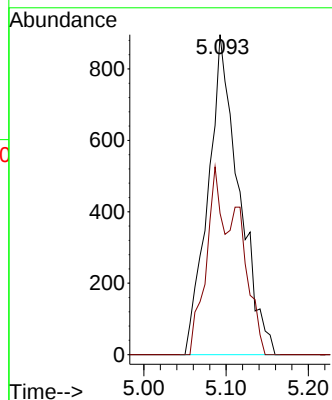
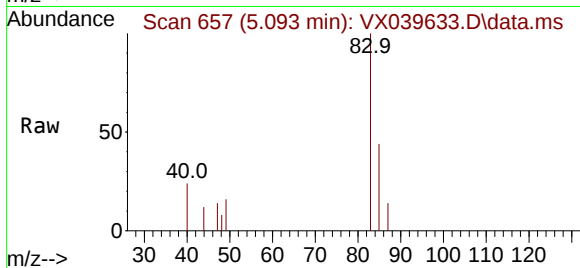
MW-1

Tgt Ion: 83 Resp: 2343

Ion Ratio Lower Upper

83 100

85 44.2 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 47.380 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039633.D

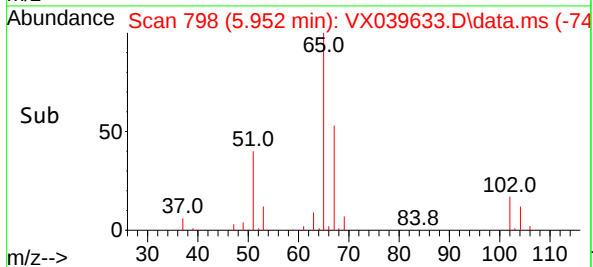
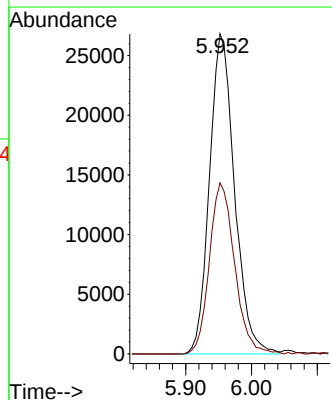
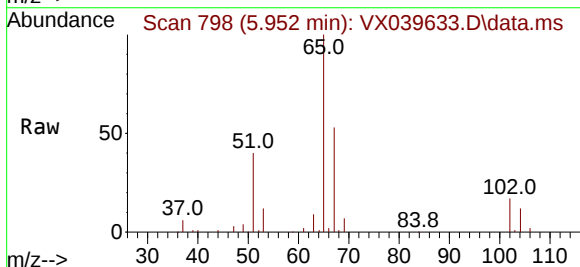
Acq: 04 Jan 2024 20:05

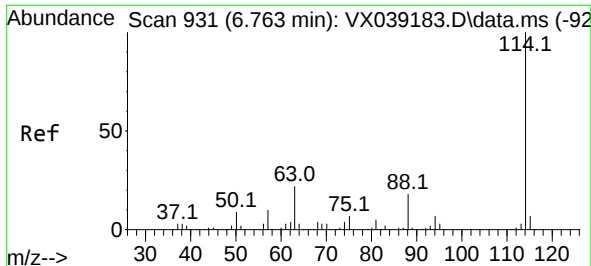
Tgt Ion: 65 Resp: 71106

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2

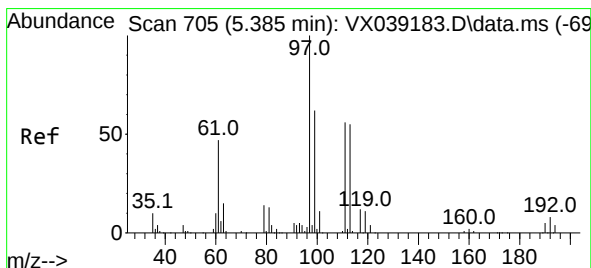
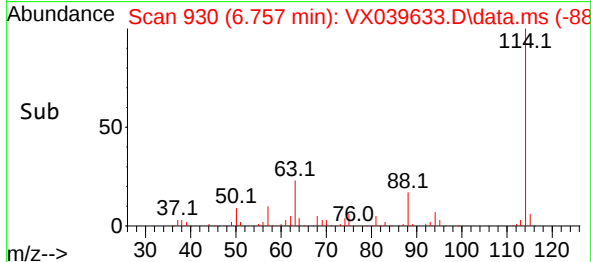
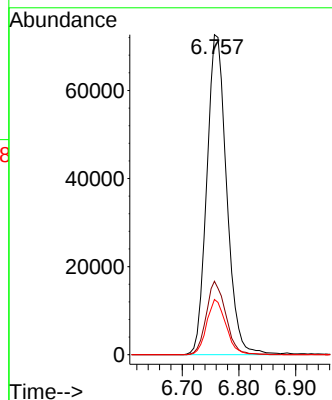
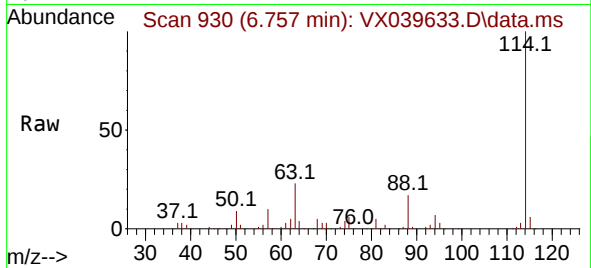




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

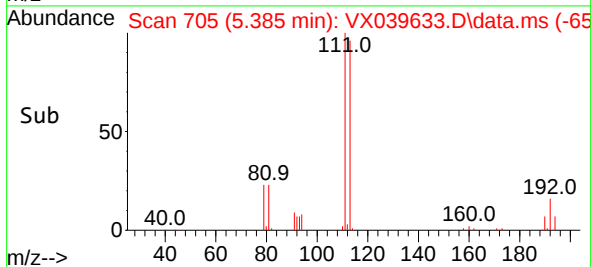
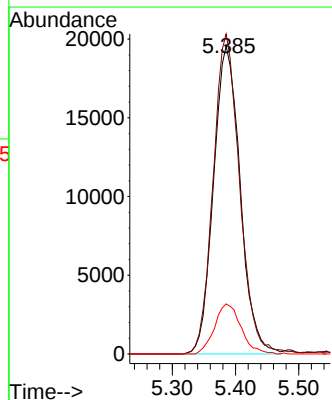
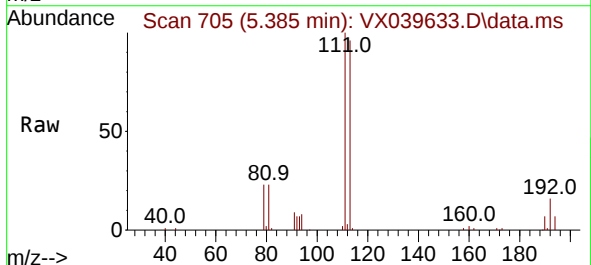
Instrument :
MSVOA_X
ClientSampleId :
MW-1

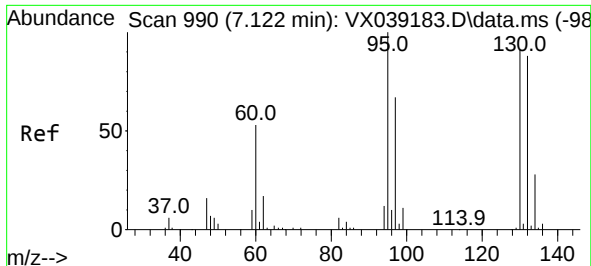
Tgt Ion:114 Resp: 176409
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.945 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Tgt Ion:113 Resp: 57213
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.1 13.3 19.9

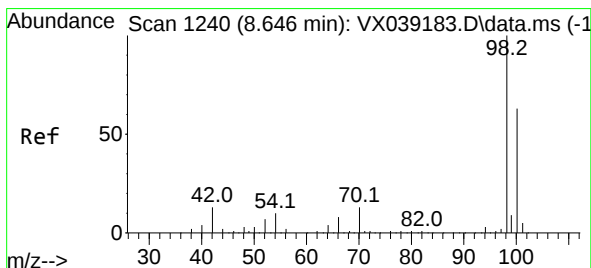
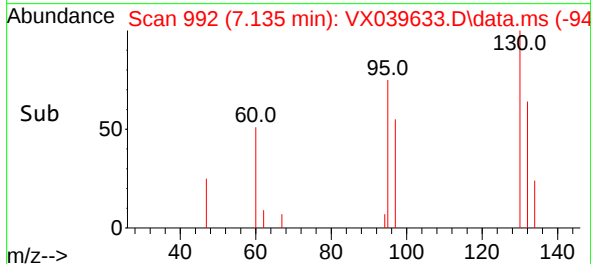
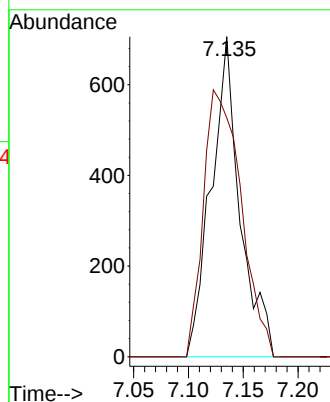
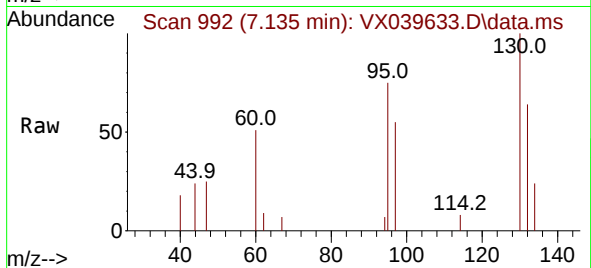




#44
 Trichloroethene
 Concen: 0.940 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.012 min
 Lab File: VX039633.D
 Acq: 04 Jan 2024 20:05

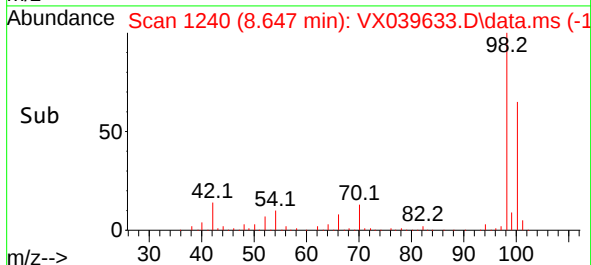
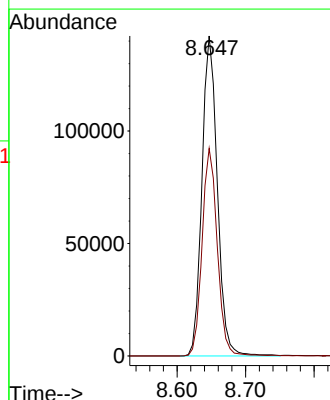
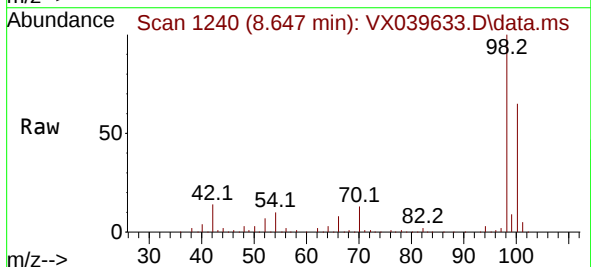
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

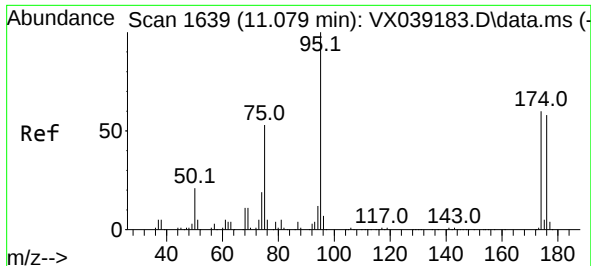
Tgt Ion:130 Resp: 1291
 Ion Ratio Lower Upper
 130 100
 95 74.6 0.0 204.4



#50
 Toluene-d8
 Concen: 49.287 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX039633.D
 Acq: 04 Jan 2024 20:05

Tgt Ion: 98 Resp: 223002
 Ion Ratio Lower Upper
 98 100
 100 63.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 55.730 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039633.D

Acq: 04 Jan 2024 20:05

Instrument :

MSVOA_X

ClientSampleId :

MW-1

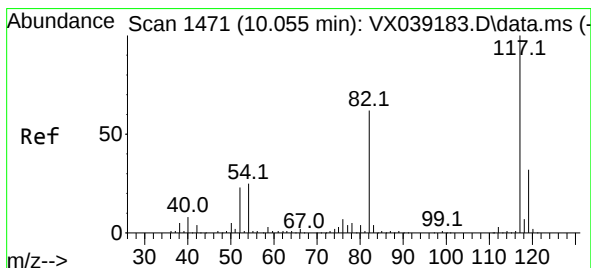
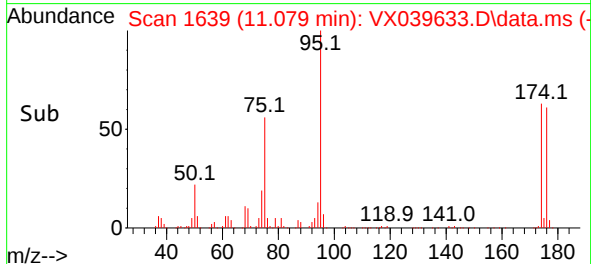
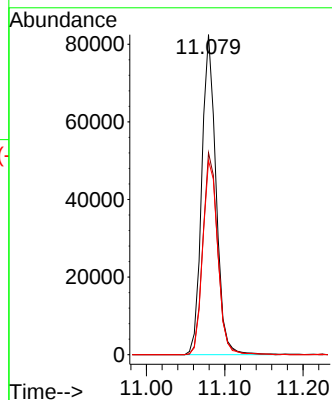
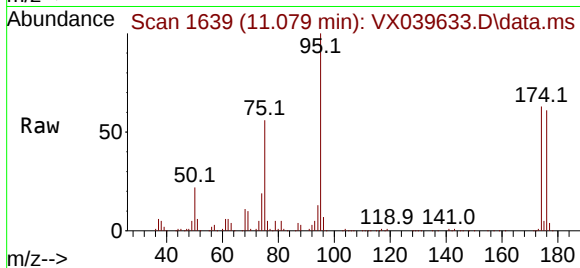
Tgt Ion: 95 Resp: 104037

Ion Ratio Lower Upper

95 100

174 65.8 0.0 135.6

176 64.1 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: VX039633.D

Acq: 04 Jan 2024 20:05

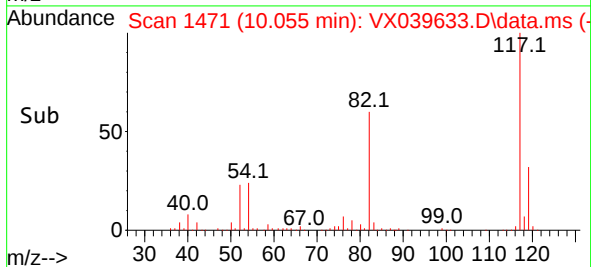
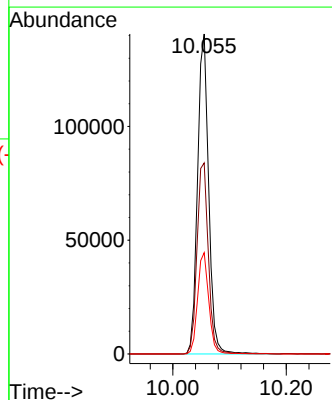
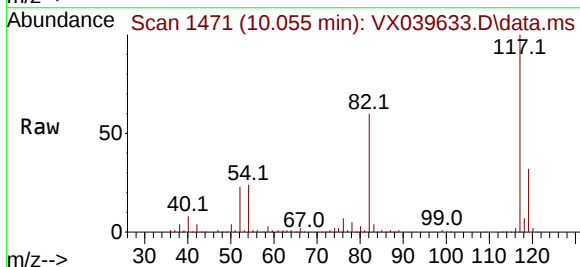
Tgt Ion: 117 Resp: 190738

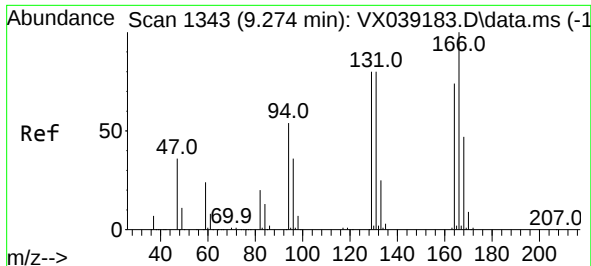
Ion Ratio Lower Upper

117 100

82 59.7 46.2 69.4

119 31.6 25.5 38.3



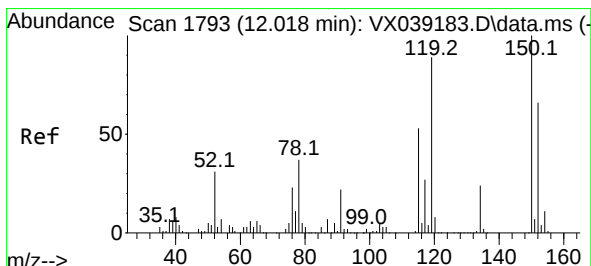
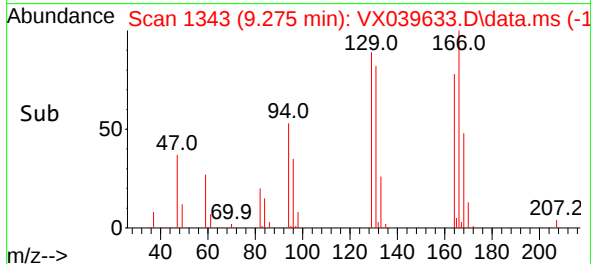
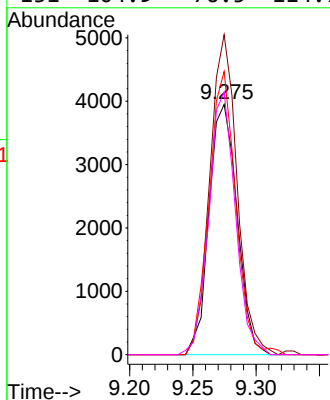
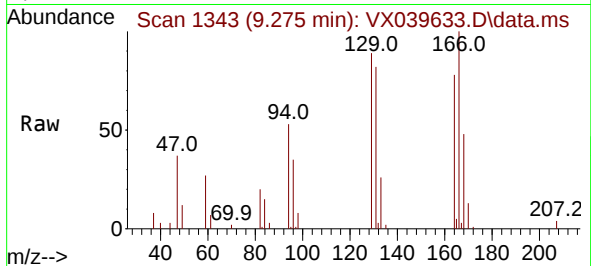


#64
Tetrachloroethene
Concen: 4.888 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 6092

Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.7	154.1
129	113.2	80.4	120.6
131	104.9	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Tgt Ion:152 Resp: 98672

Ion	Ratio	Lower	Upper
152	100		
115	65.0	43.3	129.9
150	157.7	0.0	345.0

