

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039847.D
 Acq On : 19 Jan 2024 18:15
 Operator : JC/MD
 Sample : P1196-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240118

Quant Time: Jan 20 03:42:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

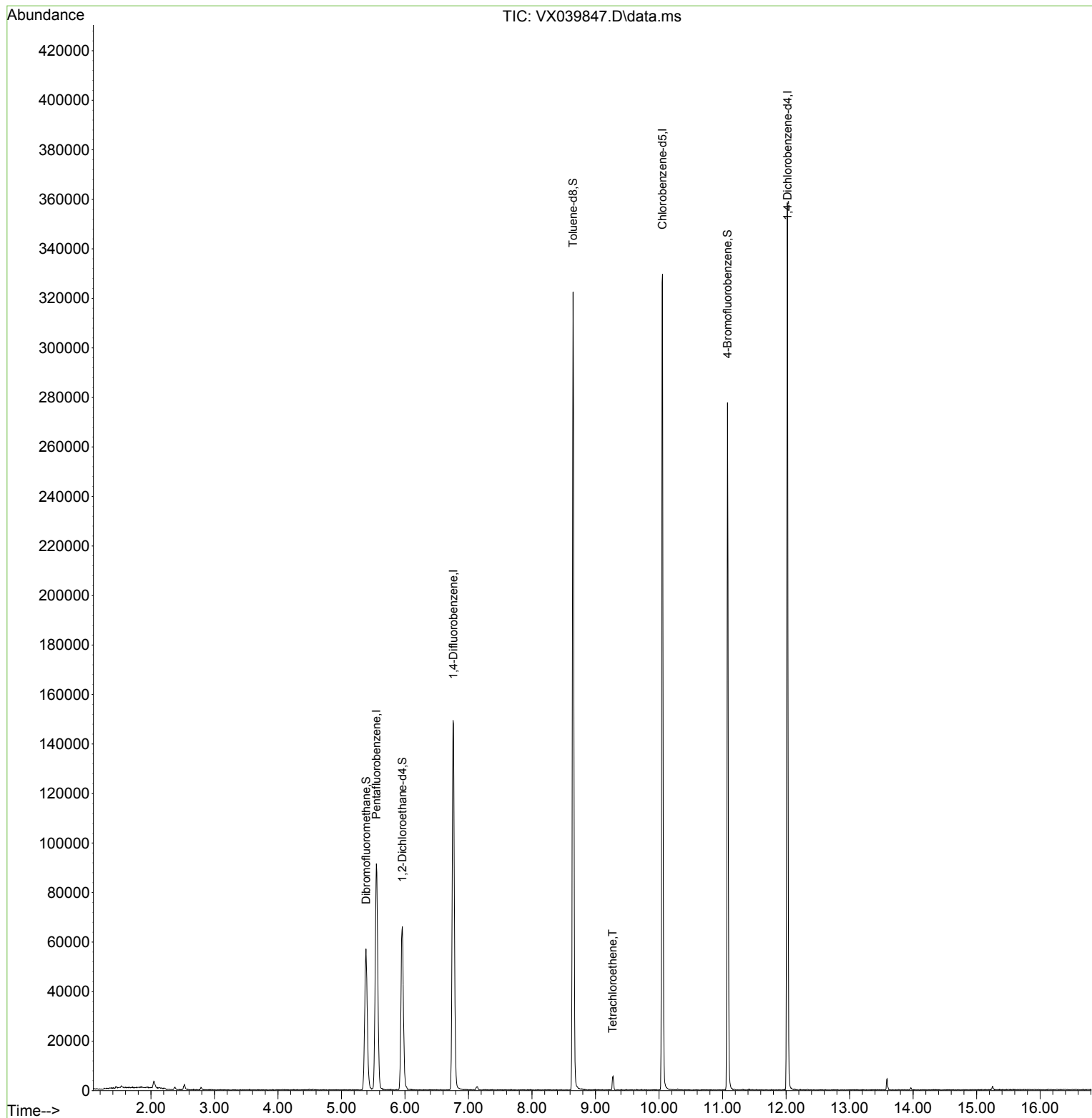
Internal Standards						
1) Pentafluorobenzene	5.550	168	80975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63052	46.483	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.960%
35) Dibromofluoromethane	5.385	113	48023	47.982	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	8.647	98	182791	48.424	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.079	95	71289	48.295	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.580%
Target Compounds						
64) Tetrachloroethene	9.269	164	941	0.997	ug/l	Qvalue 94

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

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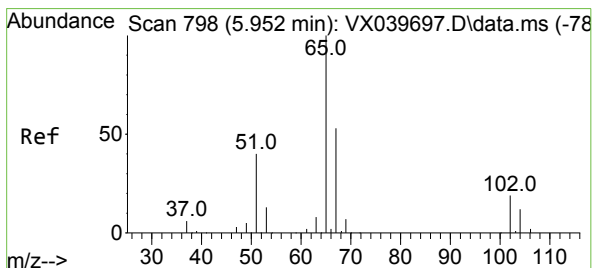
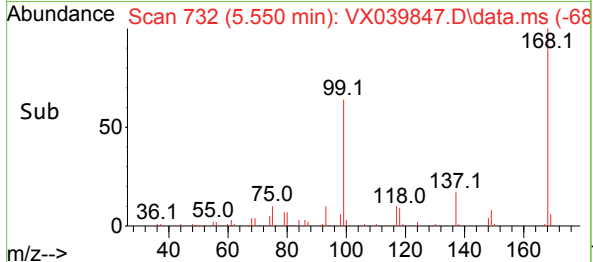
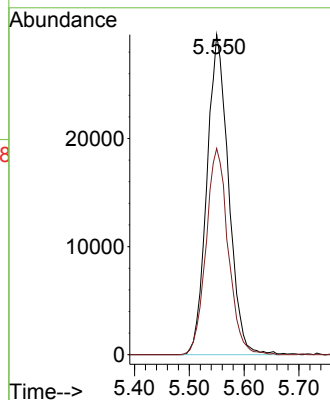
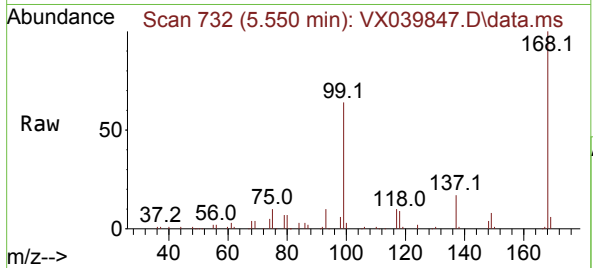




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

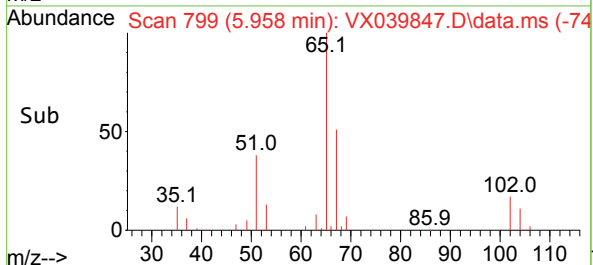
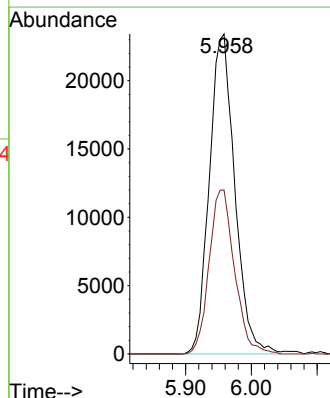
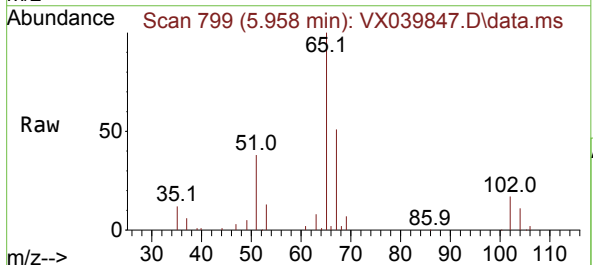
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

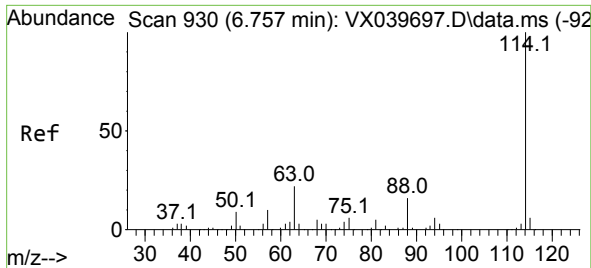
Tgt Ion:168 Resp: 80975
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.483 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion: 65 Resp: 63052
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

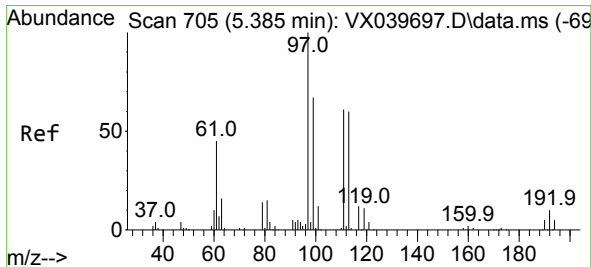
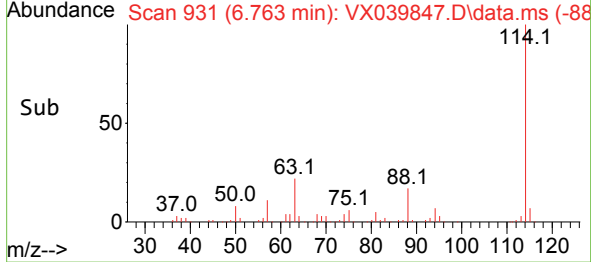
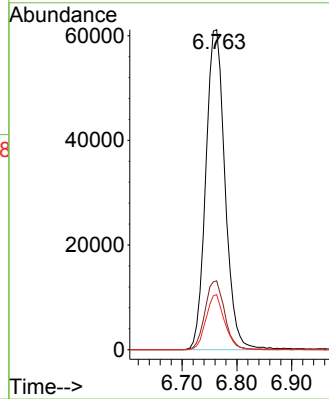
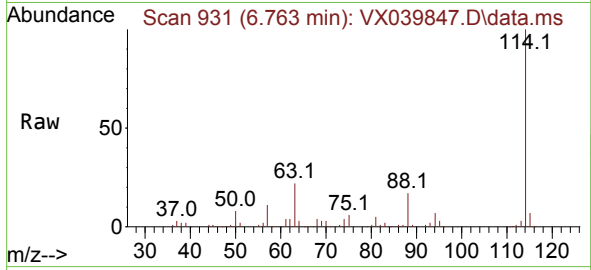




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

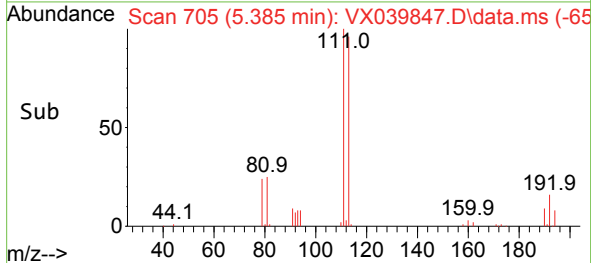
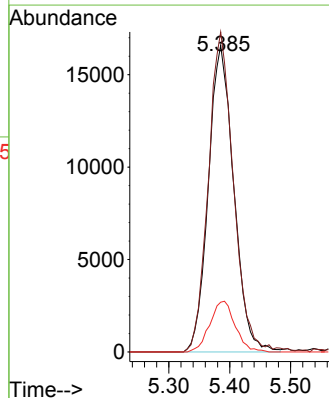
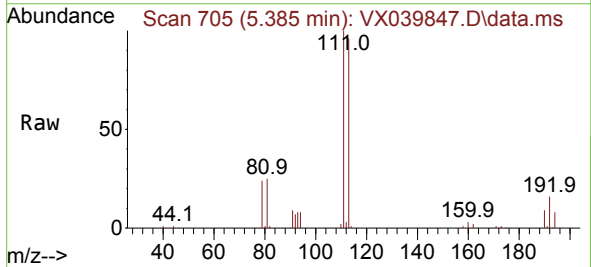
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

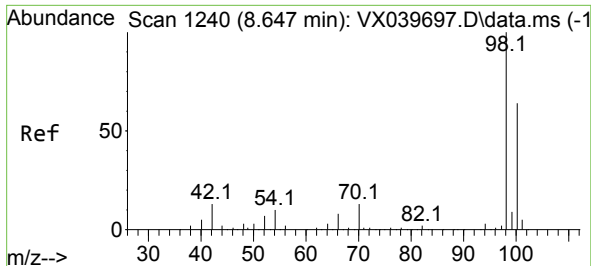
Tgt Ion:114 Resp: 148595
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.982 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion:113 Resp: 48023
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.5 13.3 19.9

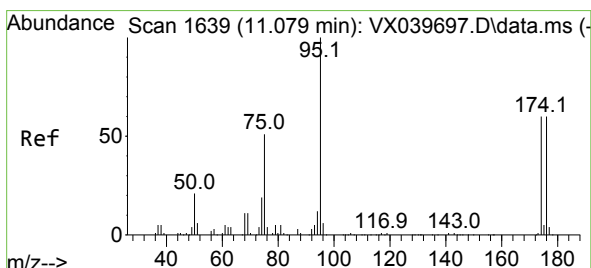
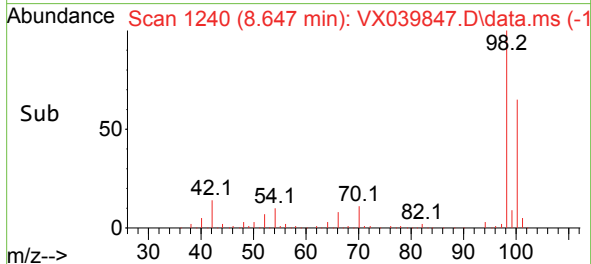
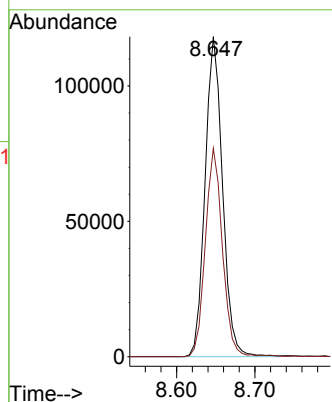
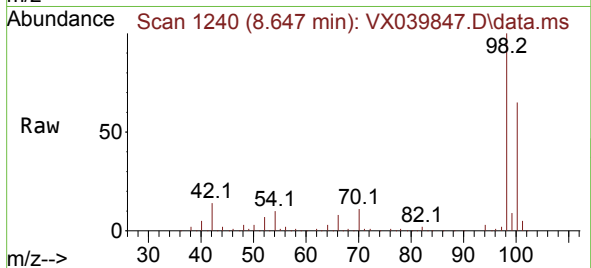




#50
Toluene-d8
Concen: 48.424 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

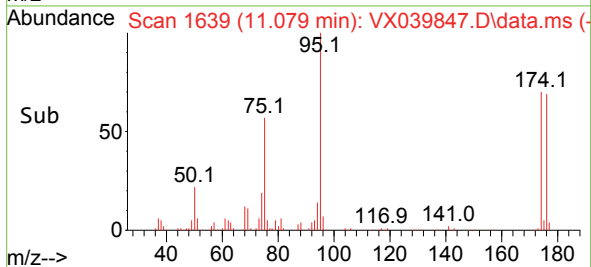
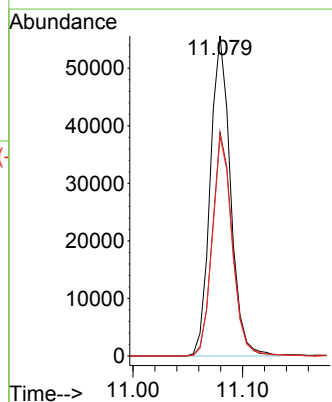
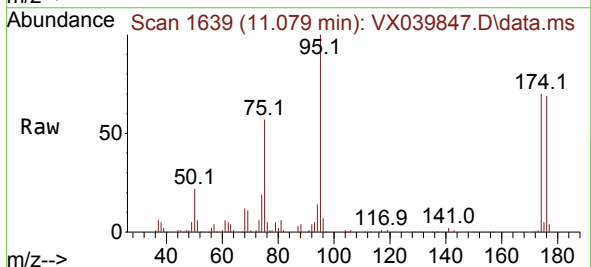
Instrument :
MSVOA_X
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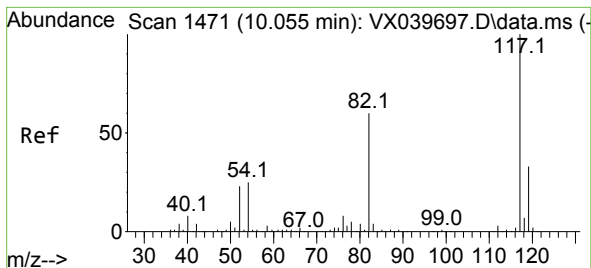
Tgt Ion: 98 Resp: 182791
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion: 95 Resp: 71289
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.6
176 67.2 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: VX039847.D

Acq: 19 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

TB-20240118

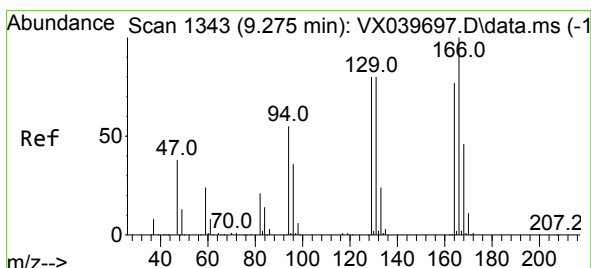
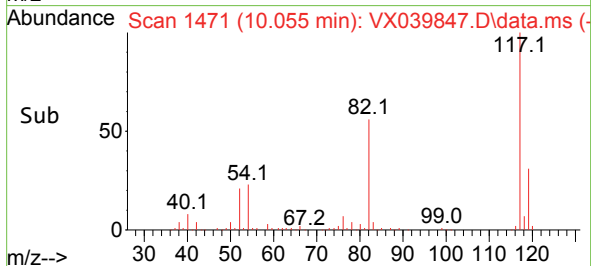
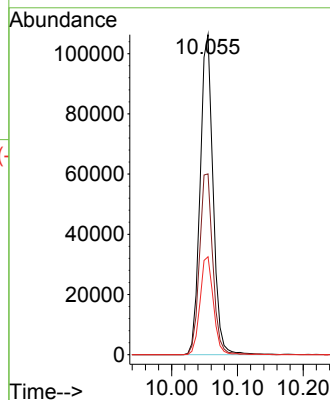
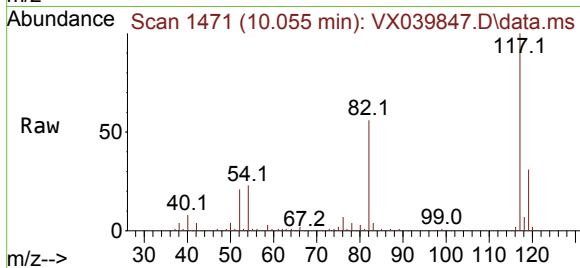
Tgt Ion:117 Resp: 145101

Ion Ratio Lower Upper

117 100

82 56.5 46.2 69.4

119 30.6 25.5 38.3



#64

Tetrachloroethene

Concen: 0.997 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX039847.D

Acq: 19 Jan 2024 18:15

Tgt Ion:164 Resp: 941

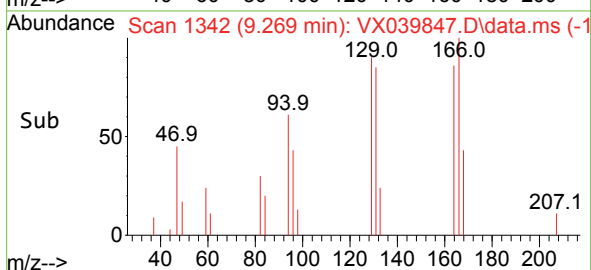
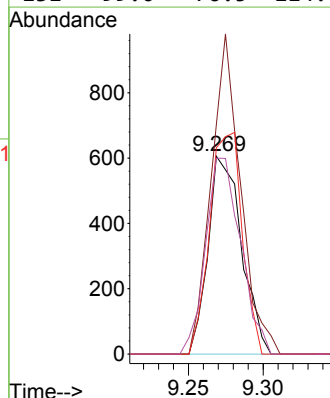
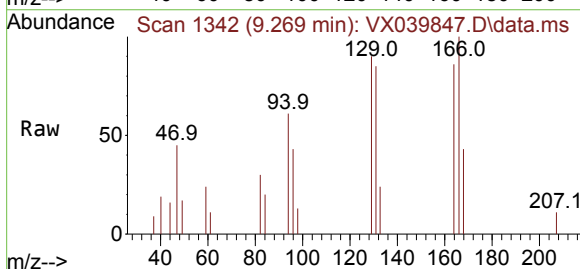
Ion Ratio Lower Upper

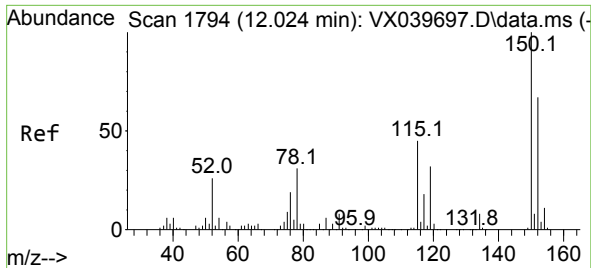
164 100

166 116.0 102.7 154.1

129 104.3 80.4 120.6

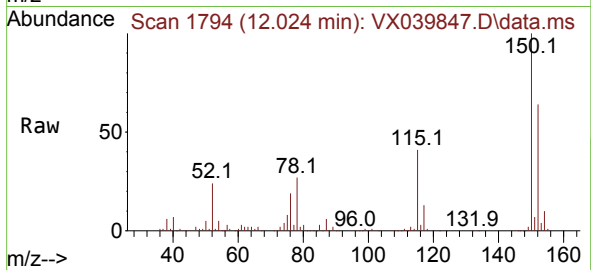
131 99.0 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039847.D
 Acq: 19 Jan 2024 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240118



Tgt Ion:152 Resp: 69749
 Ion Ratio Lower Upper
 152 100
 115 64.6 43.3 129.9
 150 157.0 0.0 345.0

