

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045227.D
 Acq On : 11 Mar 2025 16:19
 Operator : JC/MD
 Sample : Q1531-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 12 01:51:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

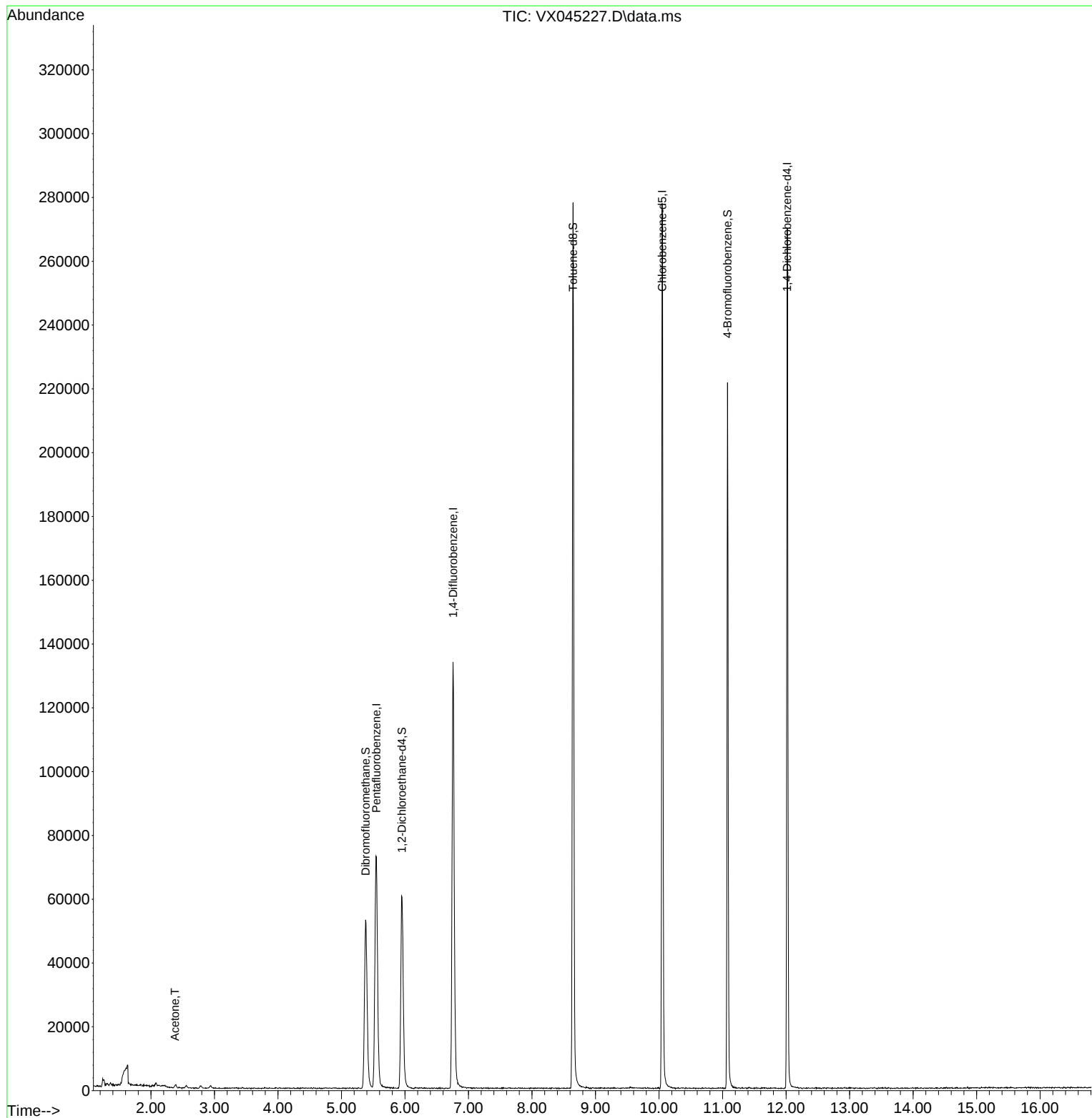
Internal Standards						
1) Pentafluorobenzene	5.550	168	67727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57923	53.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.540%	
35) Dibromofluoromethane	5.379	113	45257	51.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	8.647	98	163021	50.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	11.079	95	55669	52.221	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.440%	
Target Compounds						
16) Acetone	2.380	43	957	1.915	ug/l	Qvalue 90

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

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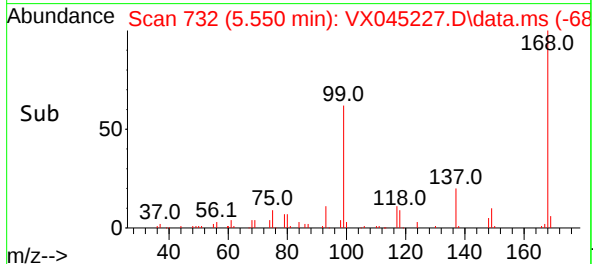
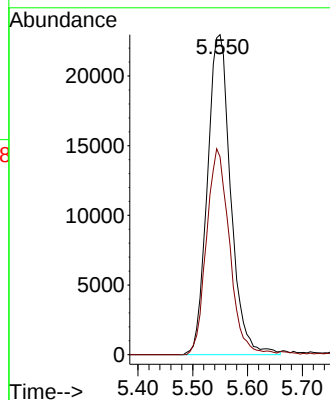
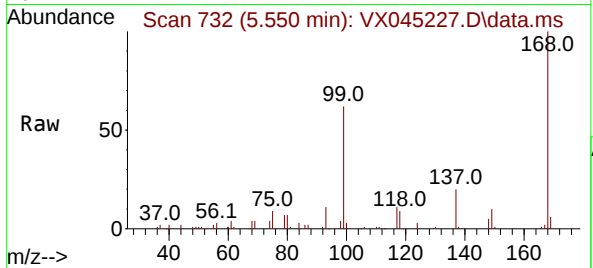




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045227.D
Acq: 11 Mar 2025 16:19

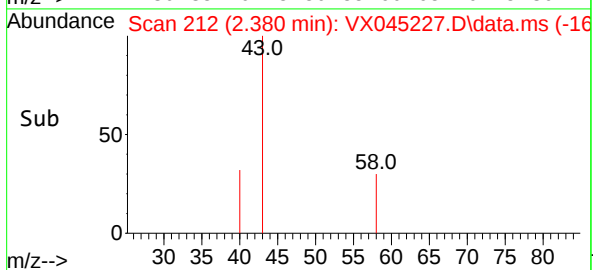
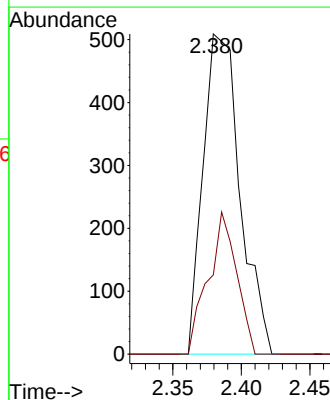
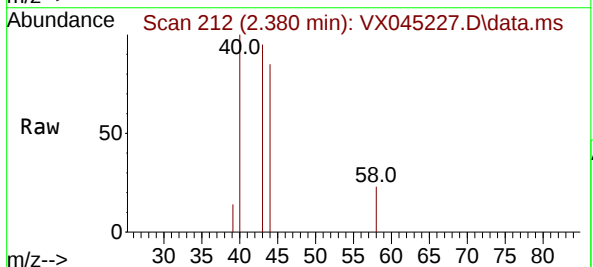
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 67727
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 1.915 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045227.D
Acq: 11 Mar 2025 16:19

Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
58 24.8 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 53.767 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045227.D

Acq: 11 Mar 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

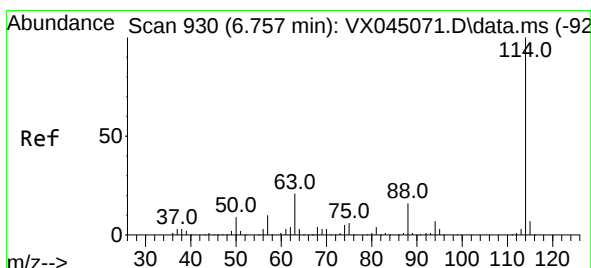
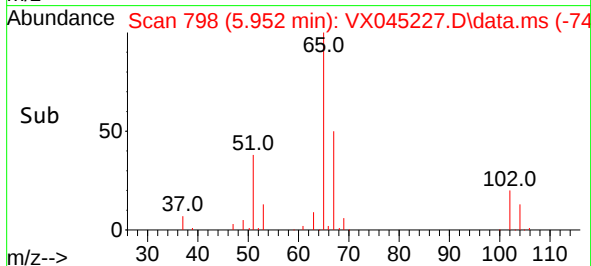
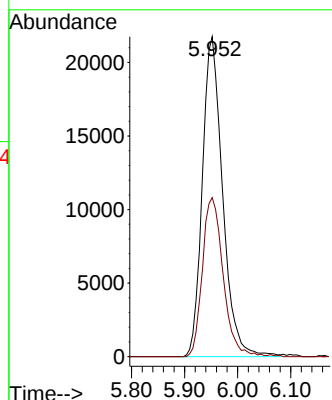
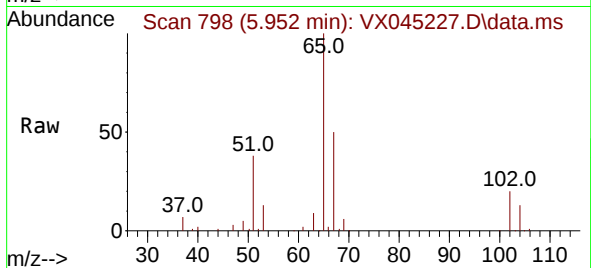
TB

Tgt Ion: 65 Resp: 57923

Ion Ratio Lower Upper

65 100

67 50.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045227.D

Acq: 11 Mar 2025 16:19

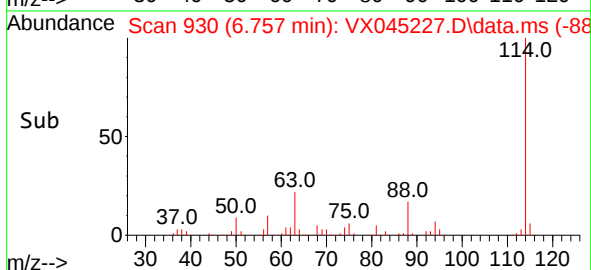
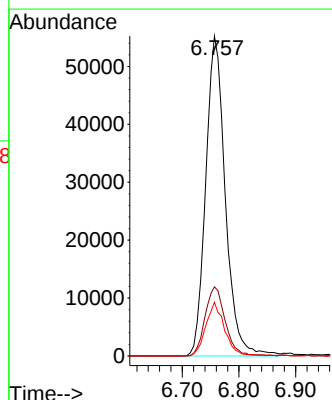
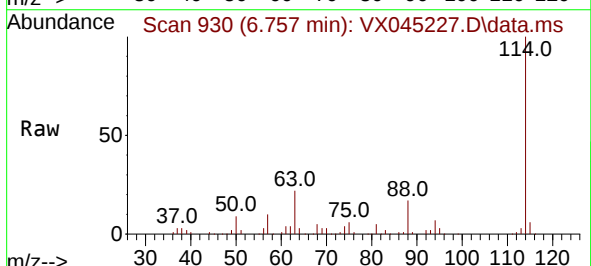
Tgt Ion: 114 Resp: 132705

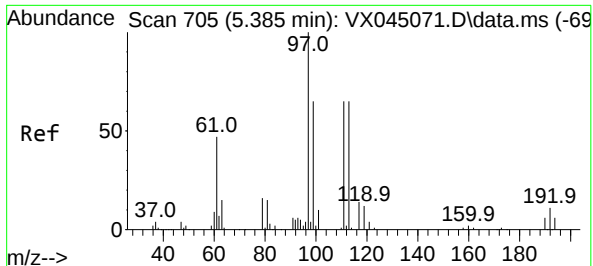
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.002 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045227.D

Acq: 11 Mar 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

TB

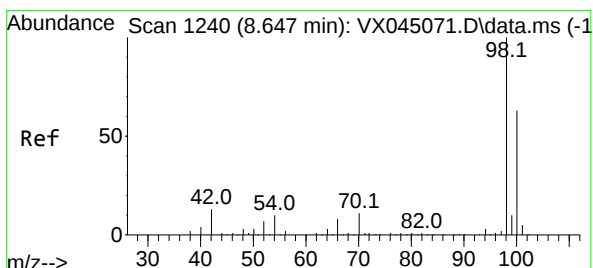
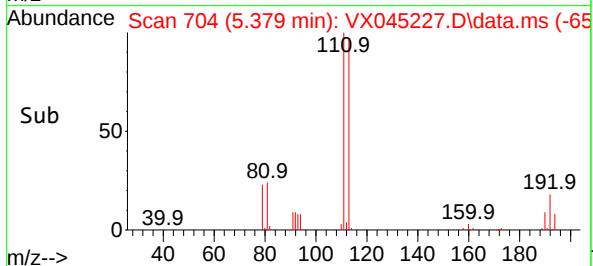
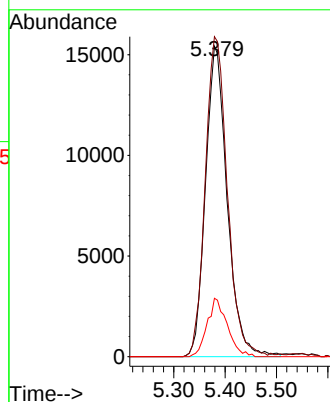
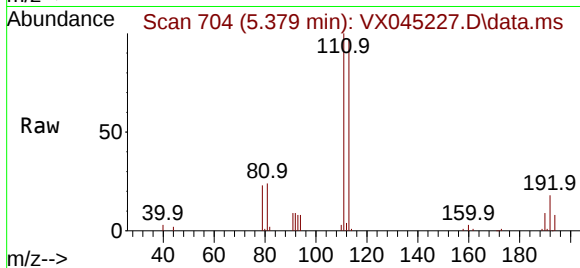
Tgt Ion:113 Resp: 45257

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.6

192 17.5 14.3 21.5



#50

Toluene-d8

Concen: 50.675 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045227.D

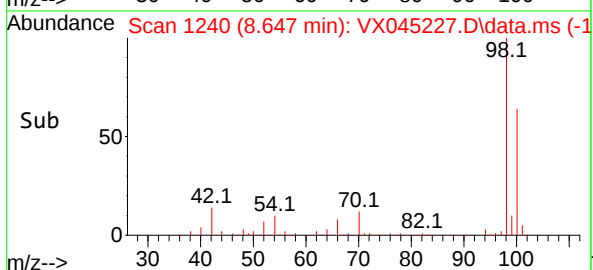
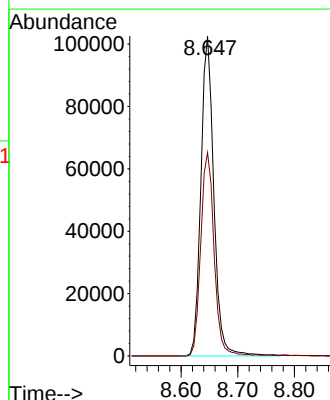
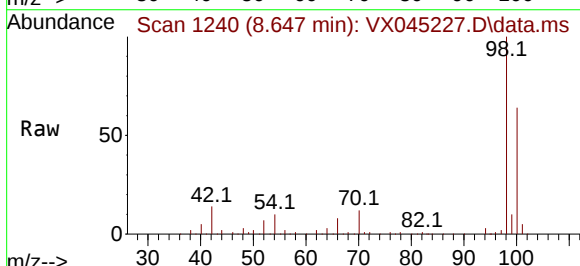
Acq: 11 Mar 2025 16:19

Tgt Ion: 98 Resp: 163021

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

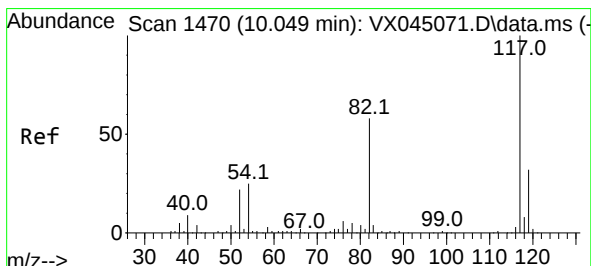
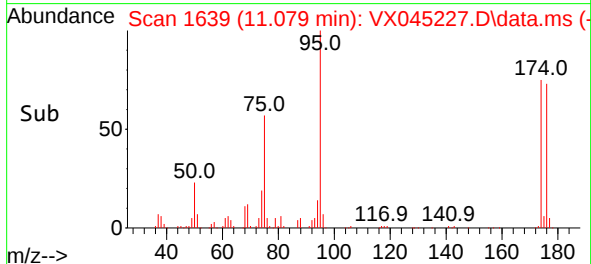
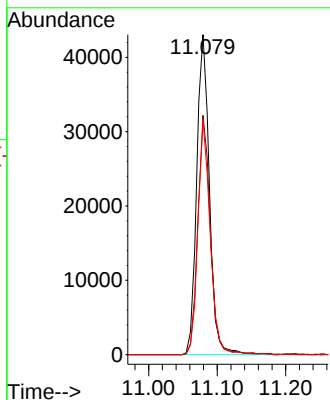
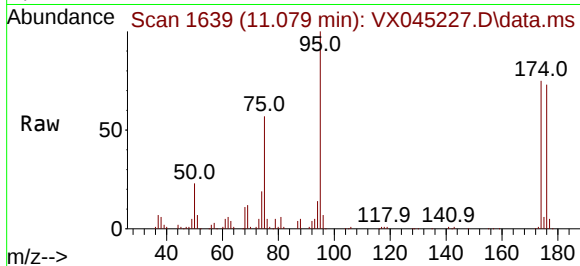




#62
4-Bromofluorobenzene
Concen: 52.221 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045227.D
Acq: 11 Mar 2025 16:19

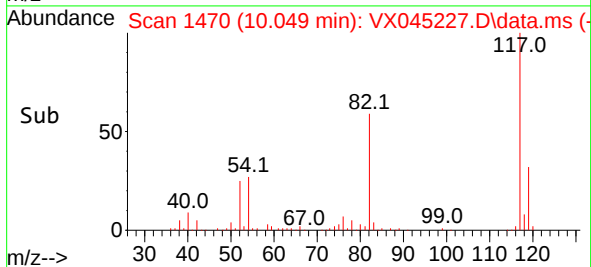
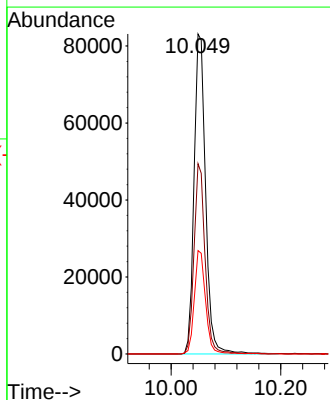
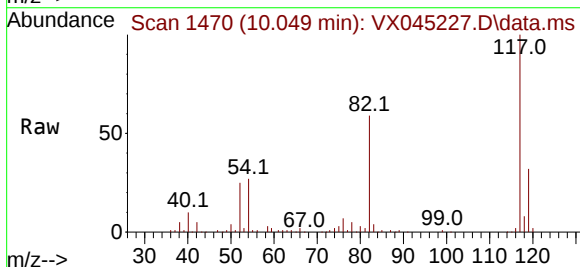
Instrument :
MSVOA_X
ClientSampleId :
TB

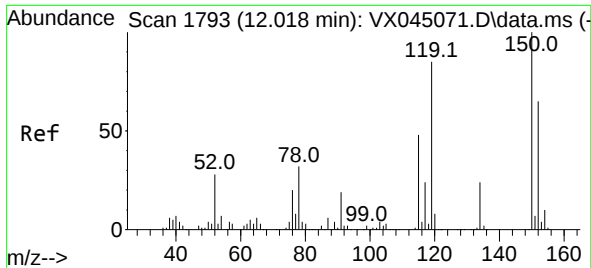
Tgt Ion: 95 Resp: 55669
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.2
176 71.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045227.D
Acq: 11 Mar 2025 16:19

Tgt Ion: 117 Resp: 122065
Ion Ratio Lower Upper
117 100
82 59.5 46.3 69.5
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045227.D
 Acq: 11 Mar 2025 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion:152 Resp: 51680
 Ion Ratio Lower Upper
 152 100
 115 63.3 44.2 132.6
 150 157.9 0.0 349.0

