

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045828.D
 Acq On : 17 Apr 2025 15:09
 Operator : JC/MD
 Sample : Q1818-06 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3829

Quant Time: Apr 18 03:39:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

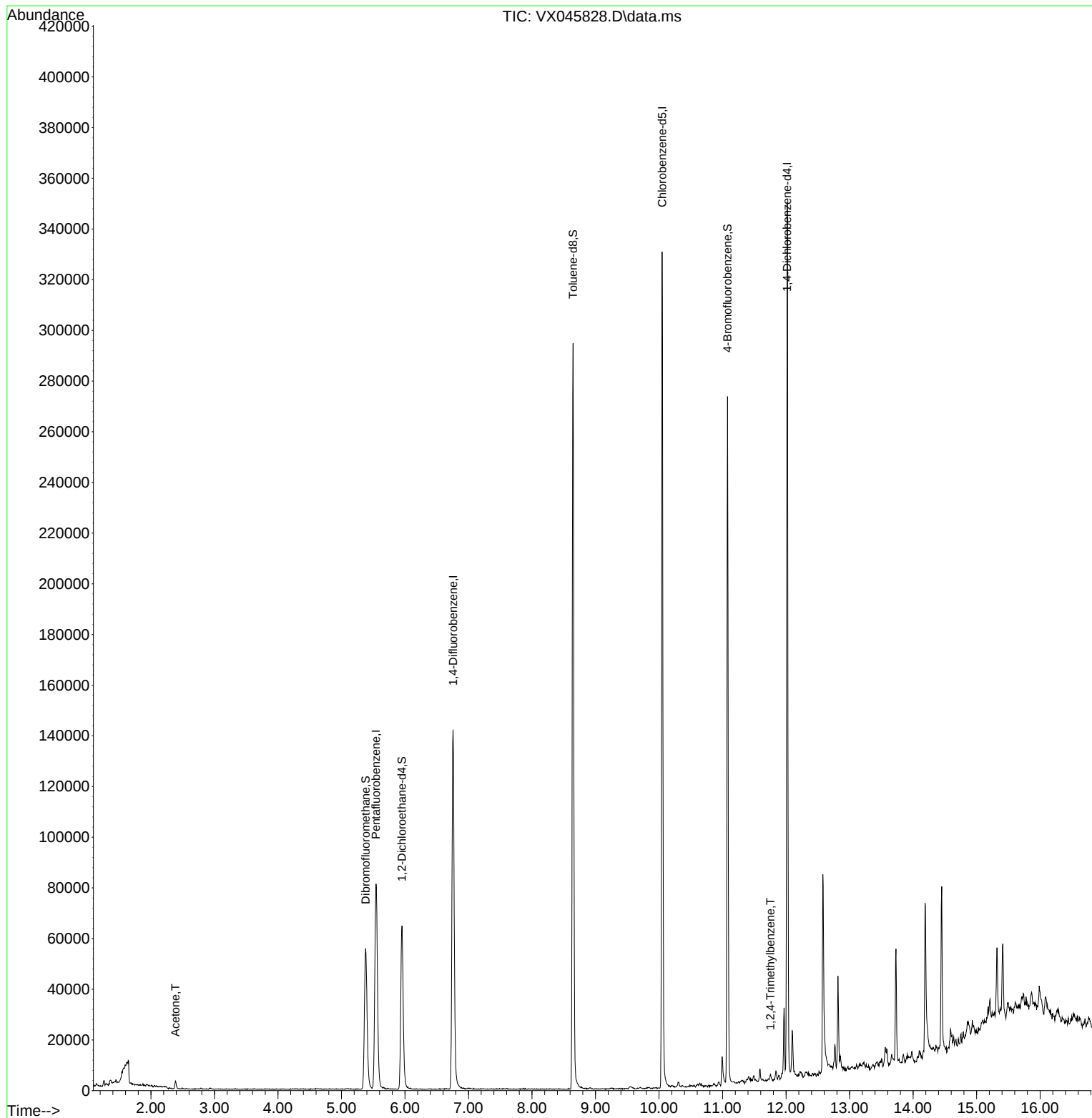
Internal Standards						
1) Pentafluorobenzene	5.544	168	70194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66565	51.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.720%	
35) Dibromofluoromethane	5.379	113	48072	48.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.960%	
50) Toluene-d8	8.647	98	172094	50.235	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	11.079	95	71595	57.376	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.760%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3556	6.746	ug/l #	87
84) 1,2,4-Trimethylbenzene	11.756	105	1219	0.295	ug/l	91

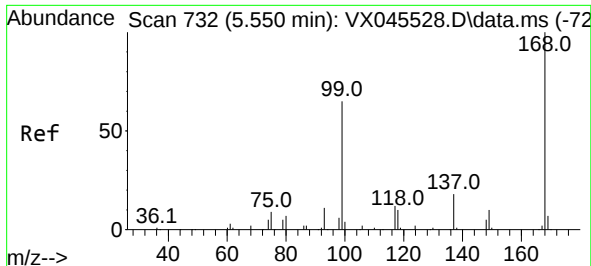
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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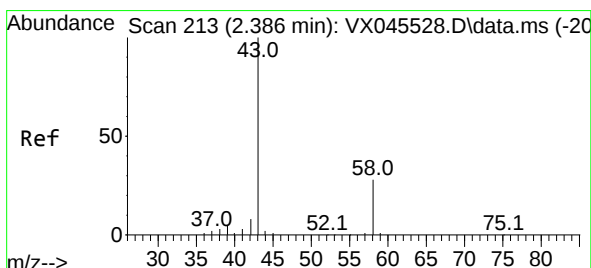
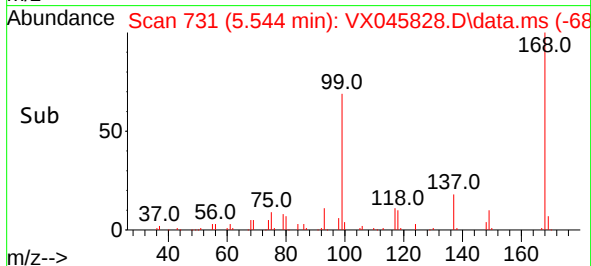
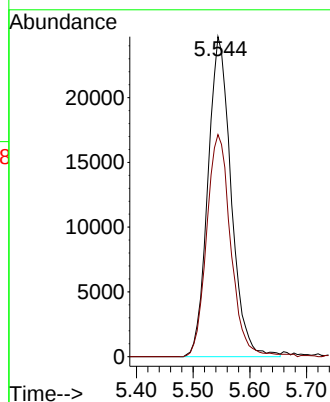
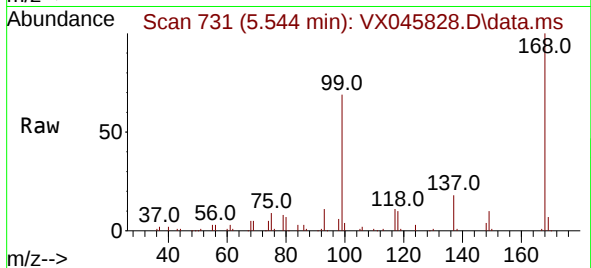




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

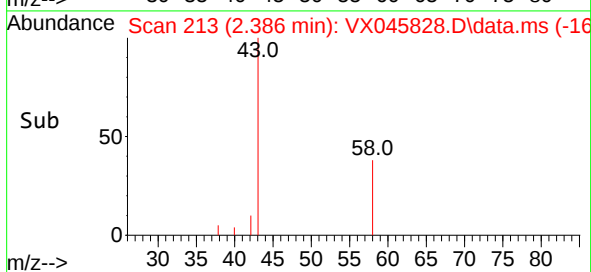
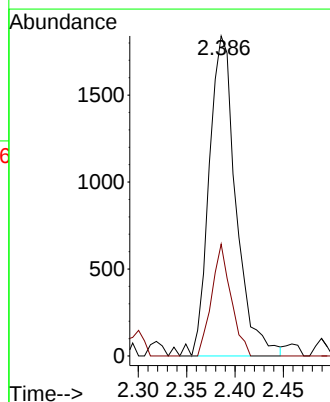
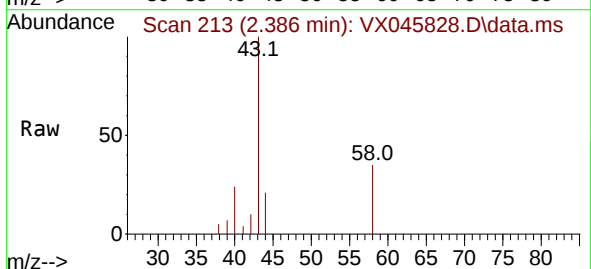
Instrument :
MSVOA_X
ClientSampleId :
3829

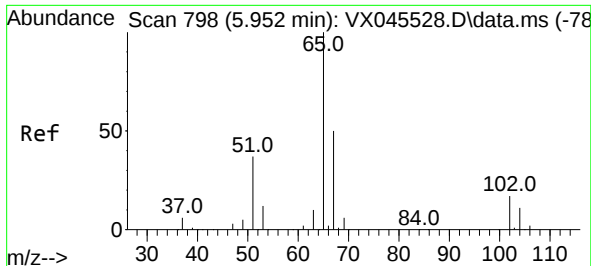
Tgt Ion:168 Resp: 70194
Ion Ratio Lower Upper
168 100
99 69.4 52.3 78.5



#16
Acetone
Concen: 6.746 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
58 34.9 22.3 33.5#





#33

1,2-Dichloroethane-d4

Concen: 51.855 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045828.D

Acq: 17 Apr 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

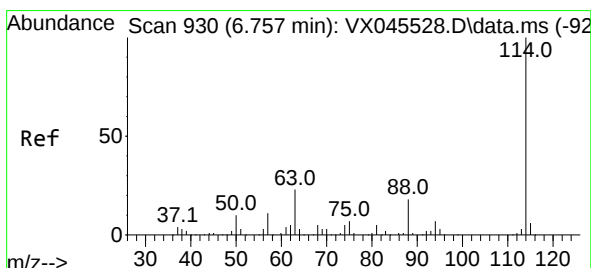
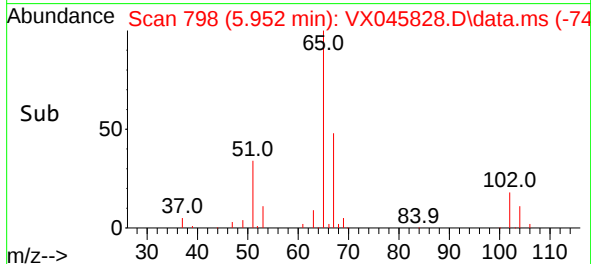
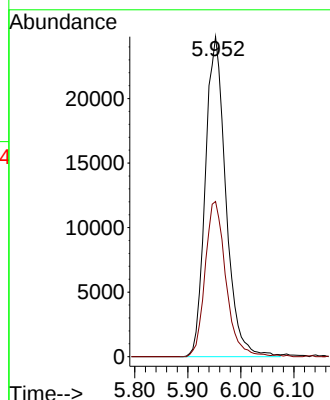
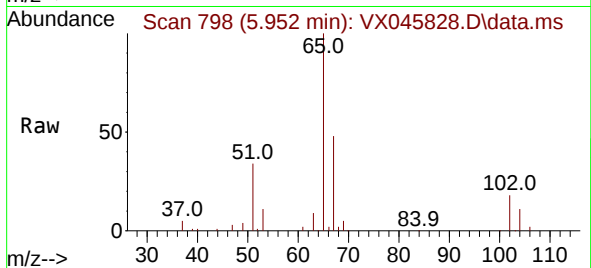
3829

Tgt Ion: 65 Resp: 66565

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045828.D

Acq: 17 Apr 2025 15:09

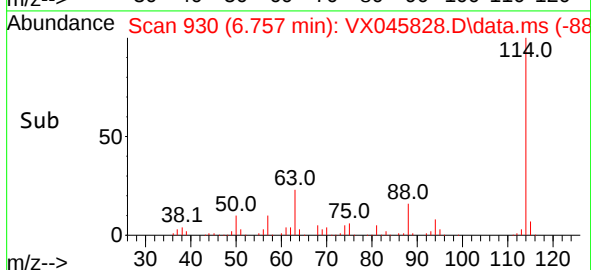
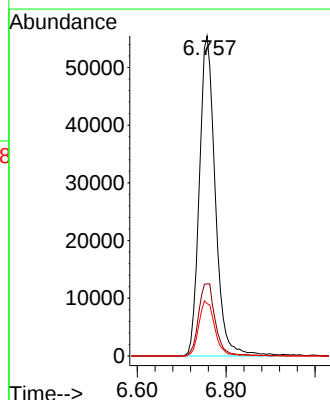
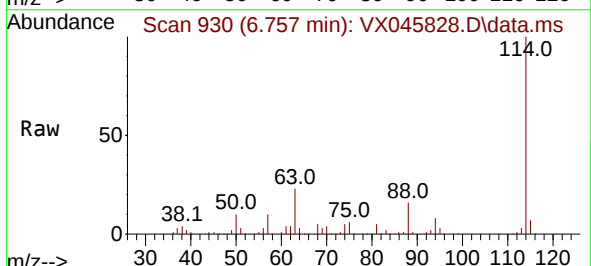
Tgt Ion: 114 Resp: 138334

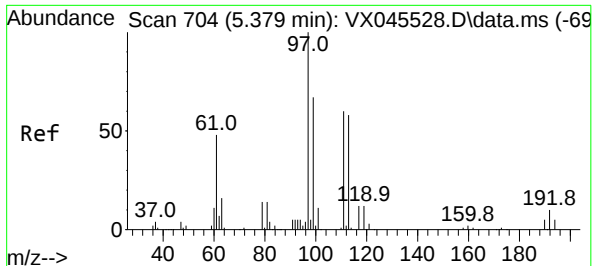
Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.8

88 16.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 48.979 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045828.D

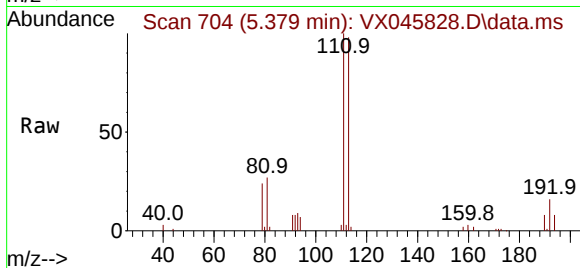
Acq: 17 Apr 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

3829



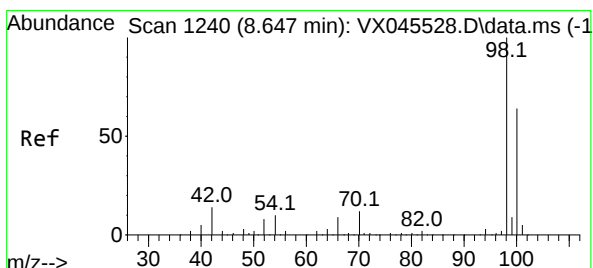
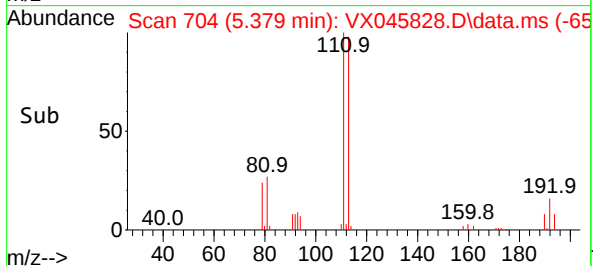
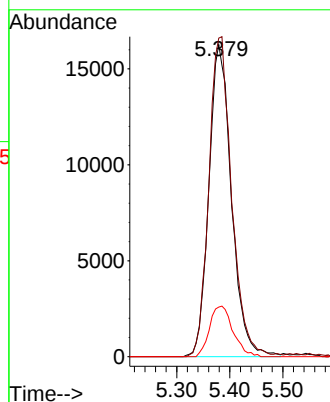
Tgt Ion:113 Resp: 48072

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 16.8 13.8 20.6



#50

Toluene-d8

Concen: 50.235 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045828.D

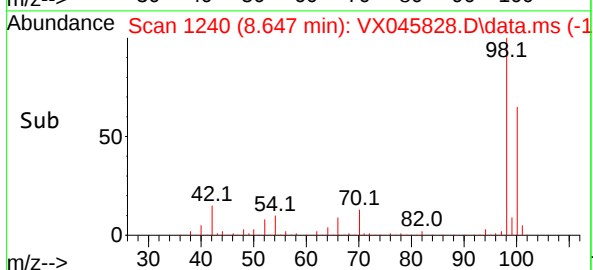
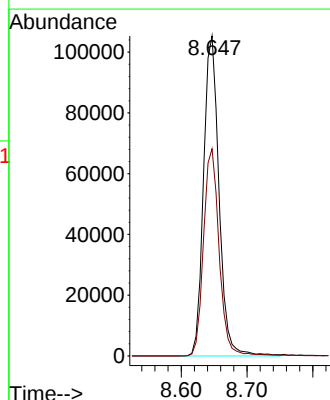
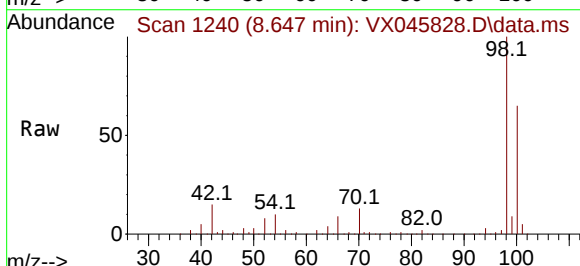
Acq: 17 Apr 2025 15:09

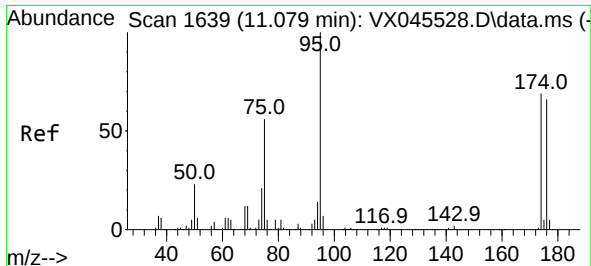
Tgt Ion: 98 Resp: 172094

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4

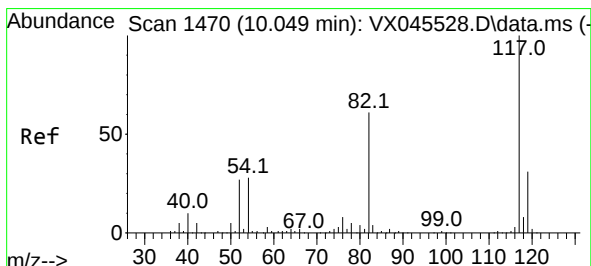
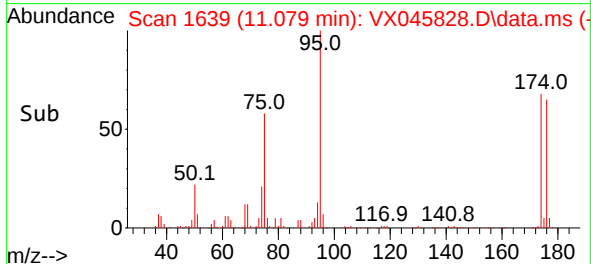
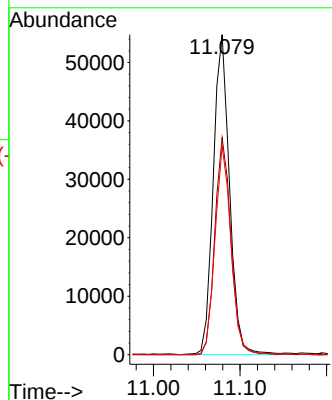
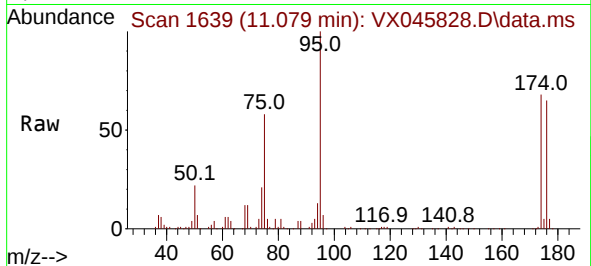




#62
4-Bromofluorobenzene
Concen: 57.376 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

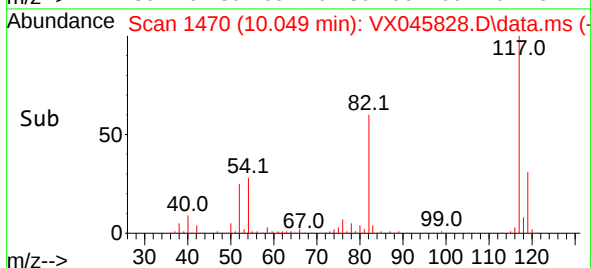
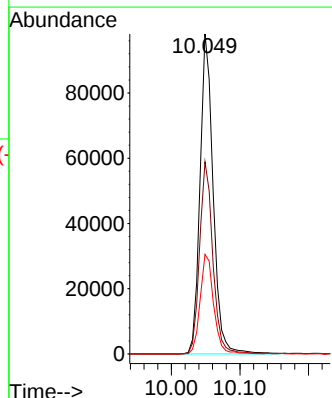
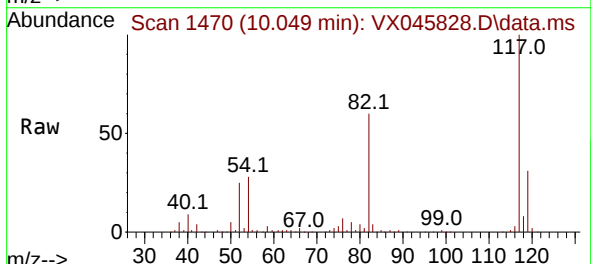
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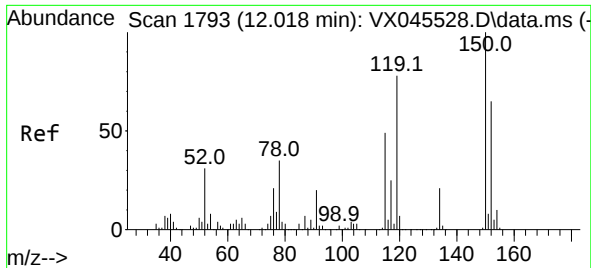
Tgt Ion: 95 Resp: 71595
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

Tgt Ion: 117 Resp: 131335
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.1 25.1 37.7

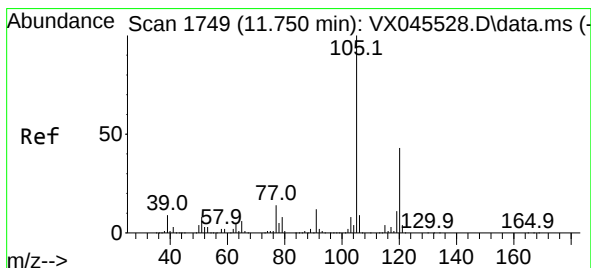
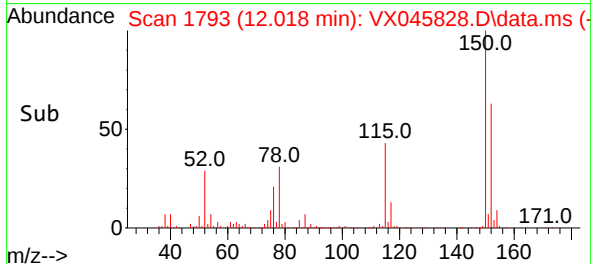
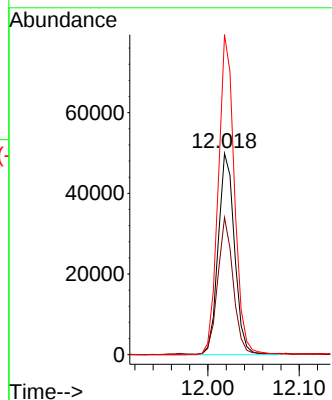
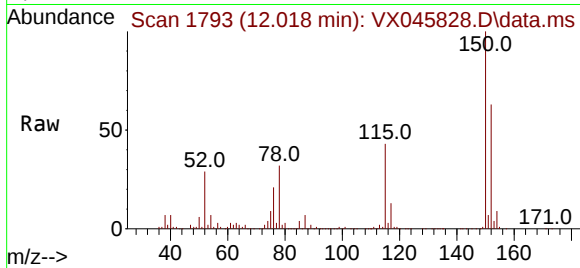




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045828.D
 Acq: 17 Apr 2025 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 3829

Tgt Ion:152 Resp: 62136
 Ion Ratio Lower Upper
 152 100
 115 64.2 46.9 140.7
 150 157.3 0.0 349.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.295 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX045828.D
 Acq: 17 Apr 2025 15:09

Tgt Ion:105 Resp: 1219
 Ion Ratio Lower Upper
 105 100
 120 37.4 21.4 64.3

