

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045833.D
 Acq On : 17 Apr 2025 17:05
 Operator : JC/MD
 Sample : Q1814-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A3729

Quant Time: Apr 18 03:41:39 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)

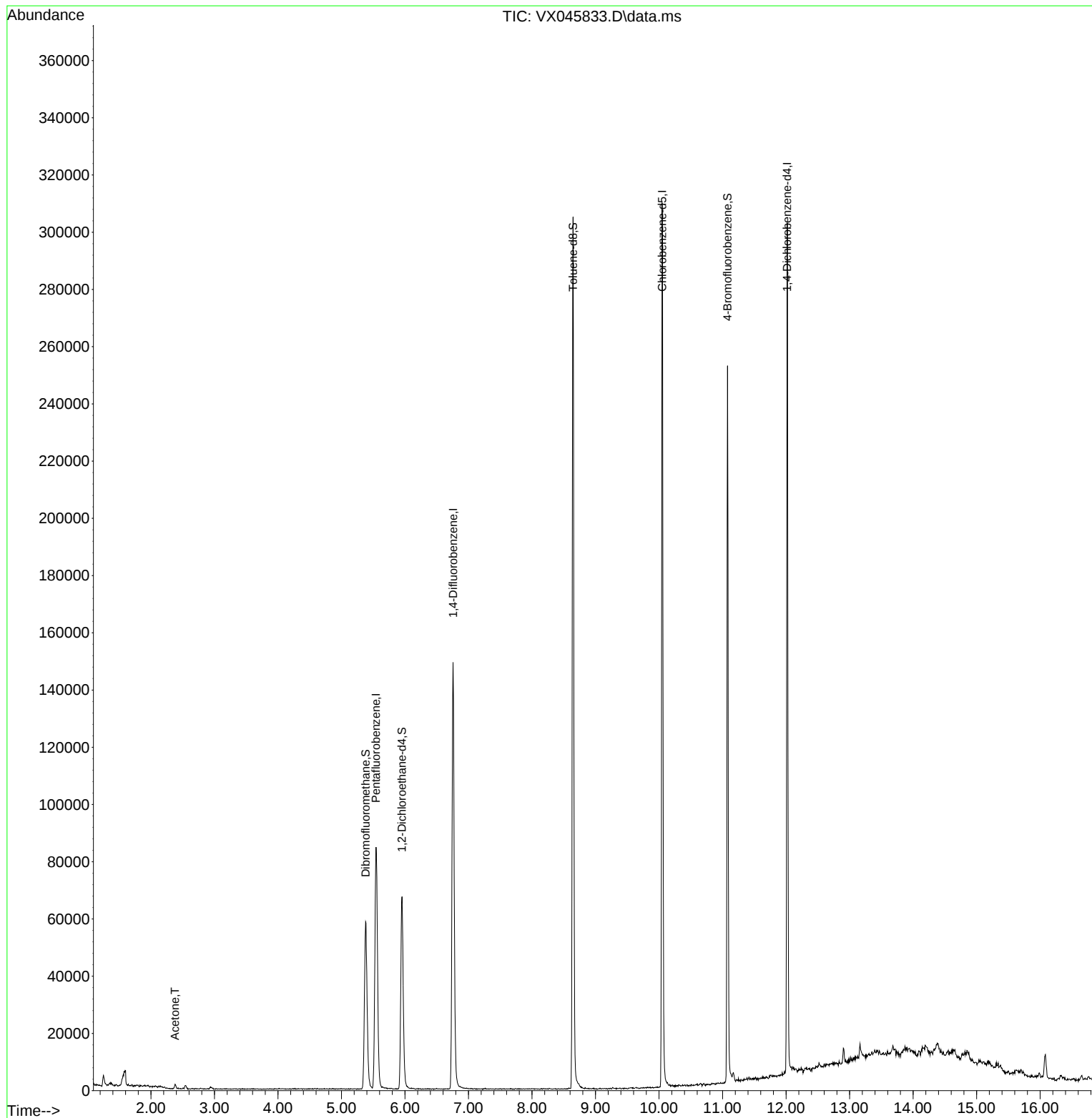
Internal Standards						
1) Pentafluorobenzene	5.544	168	74085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69861	51.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.120%
35) Dibromofluoromethane	5.379	113	50317	49.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	8.647	98	175704	49.854	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	66454	51.766	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.540%
Target Compounds						
16) Acetone	2.380	43	1813	3.259	ug/l	Qvalue 96

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

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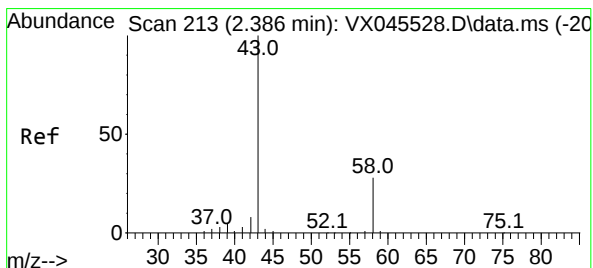
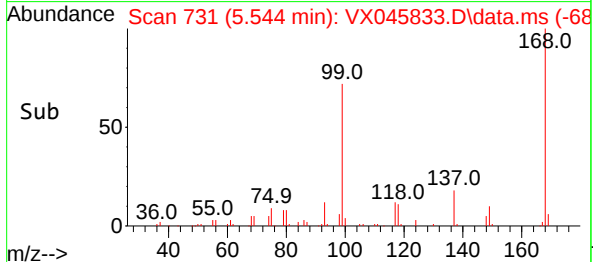
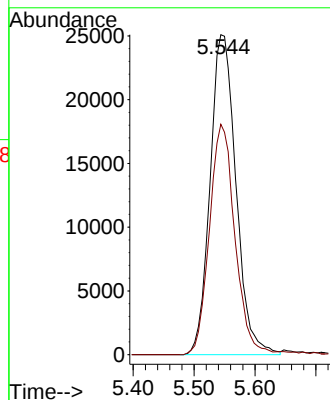
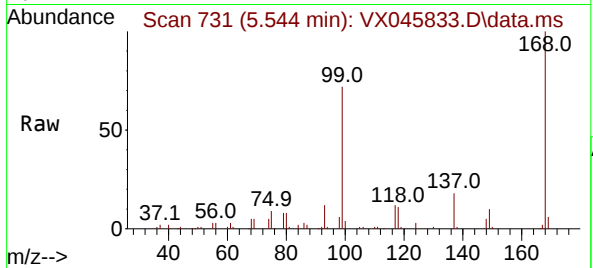




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

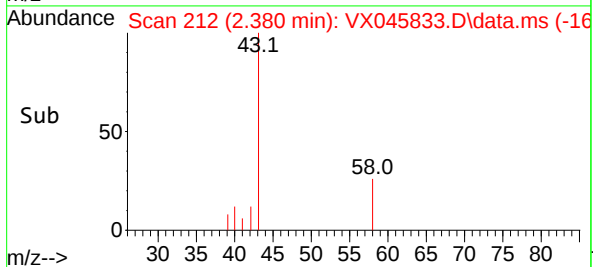
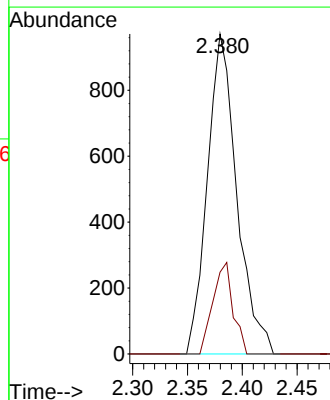
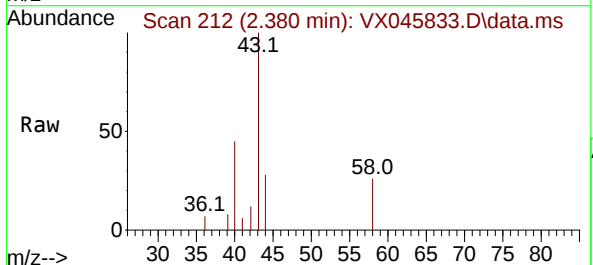
Instrument :
MSVOA_X
ClientSampleId :
A3729

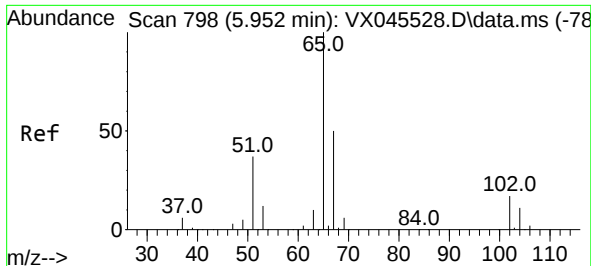
Tgt Ion:168 Resp: 74085
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5



#16
Acetone
Concen: 3.259 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 25.5 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 51.565 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

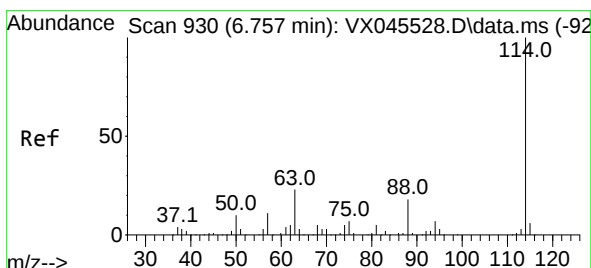
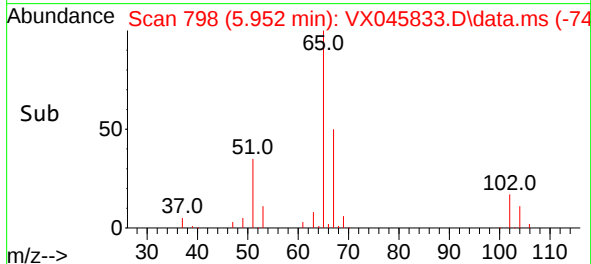
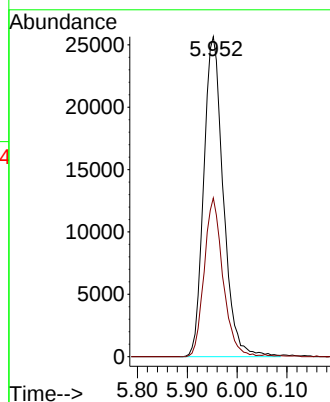
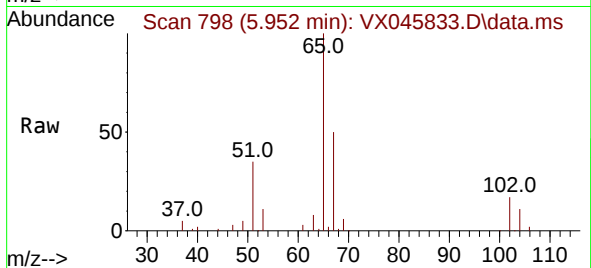
A3729

Tgt Ion: 65 Resp: 69861

Ion Ratio Lower Upper

65 100

67 47.6 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: VX045833.D

Acq: 17 Apr 2025 17:05

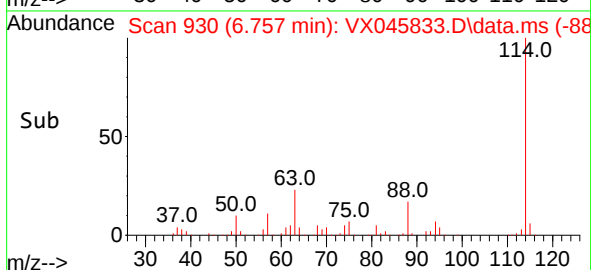
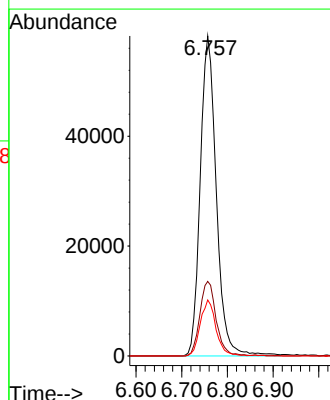
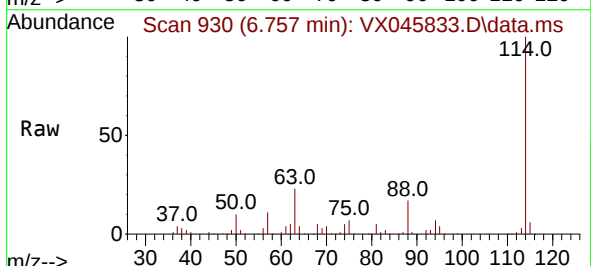
Tgt Ion: 114 Resp: 142315

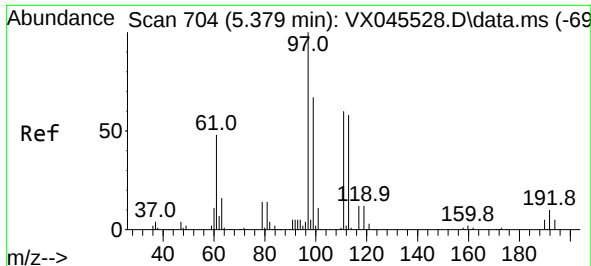
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.8

88 17.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.832 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045833.D

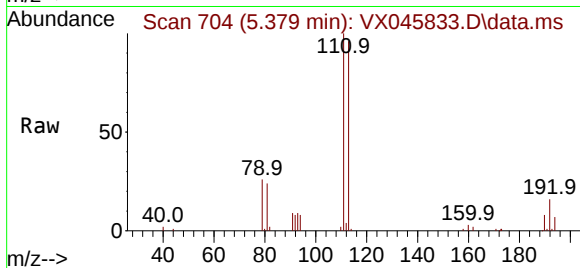
Acq: 17 Apr 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

A3729



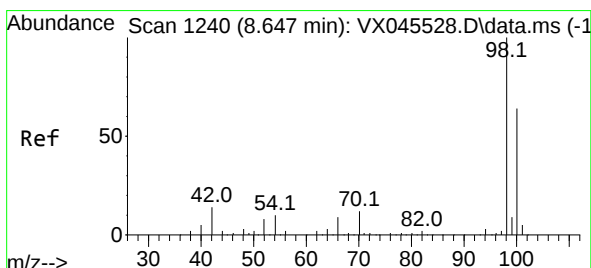
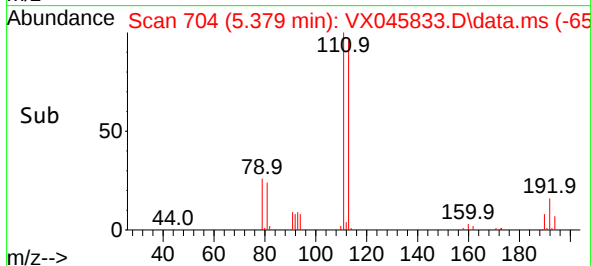
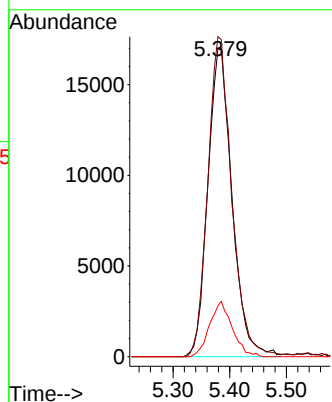
Tgt Ion:113 Resp: 50317

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

192 16.8 13.8 20.6



#50

Toluene-d8

Concen: 49.854 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045833.D

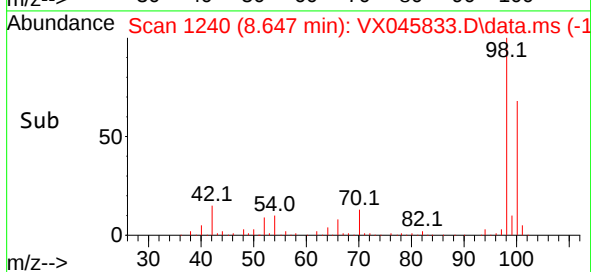
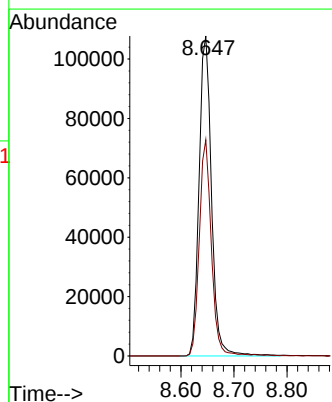
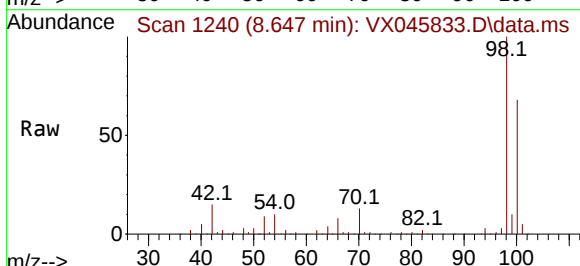
Acq: 17 Apr 2025 17:05

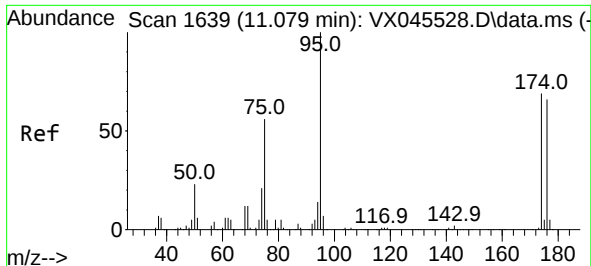
Tgt Ion: 98 Resp: 175704

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4

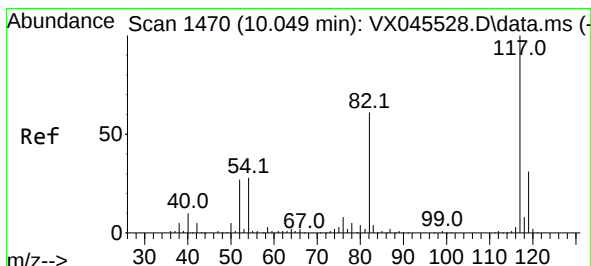
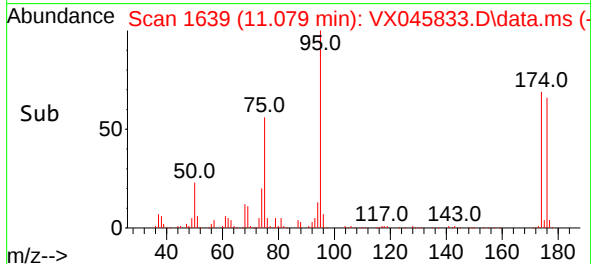
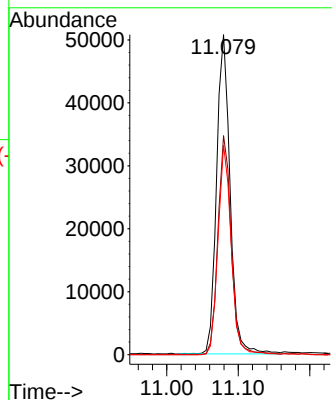
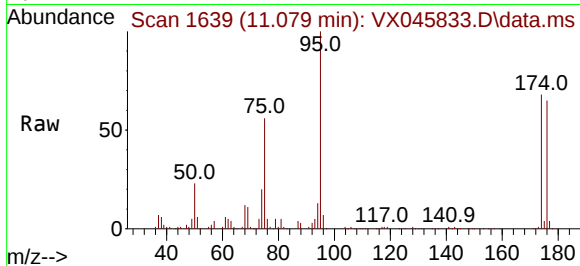




#62
4-Bromofluorobenzene
Concen: 51.766 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

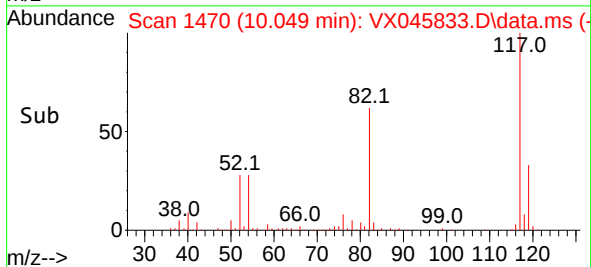
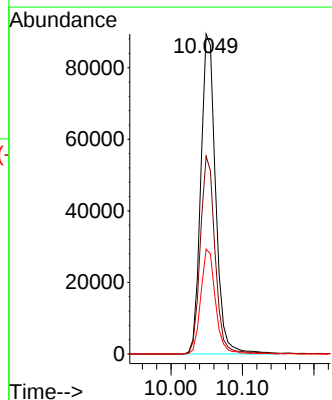
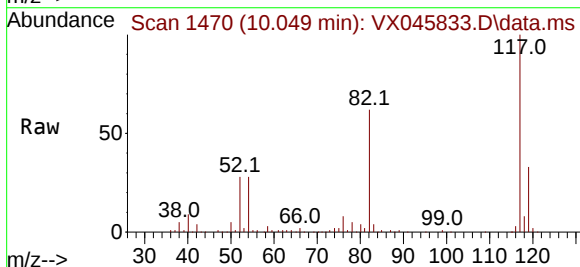
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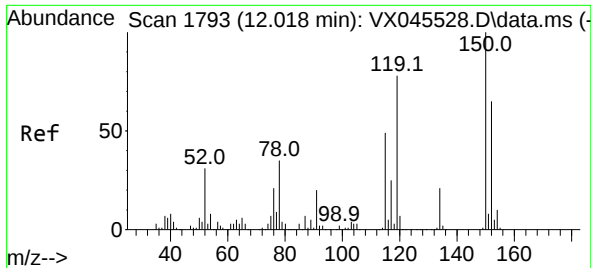
Tgt Ion: 95 Resp: 66454
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Tgt Ion: 117 Resp: 128735
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 32.8 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: VX045833.D
 Acq: 17 Apr 2025 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 53112
 Ion Ratio Lower Upper
 152 100
 115 65.2 46.9 140.7
 150 158.2 0.0 349.4

