

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045088.D
 Acq On : 28 Feb 2025 14:57
 Operator : JC/MD
 Sample : Q1435-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 286107

Quant Time: Feb 28 15:23:03 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)

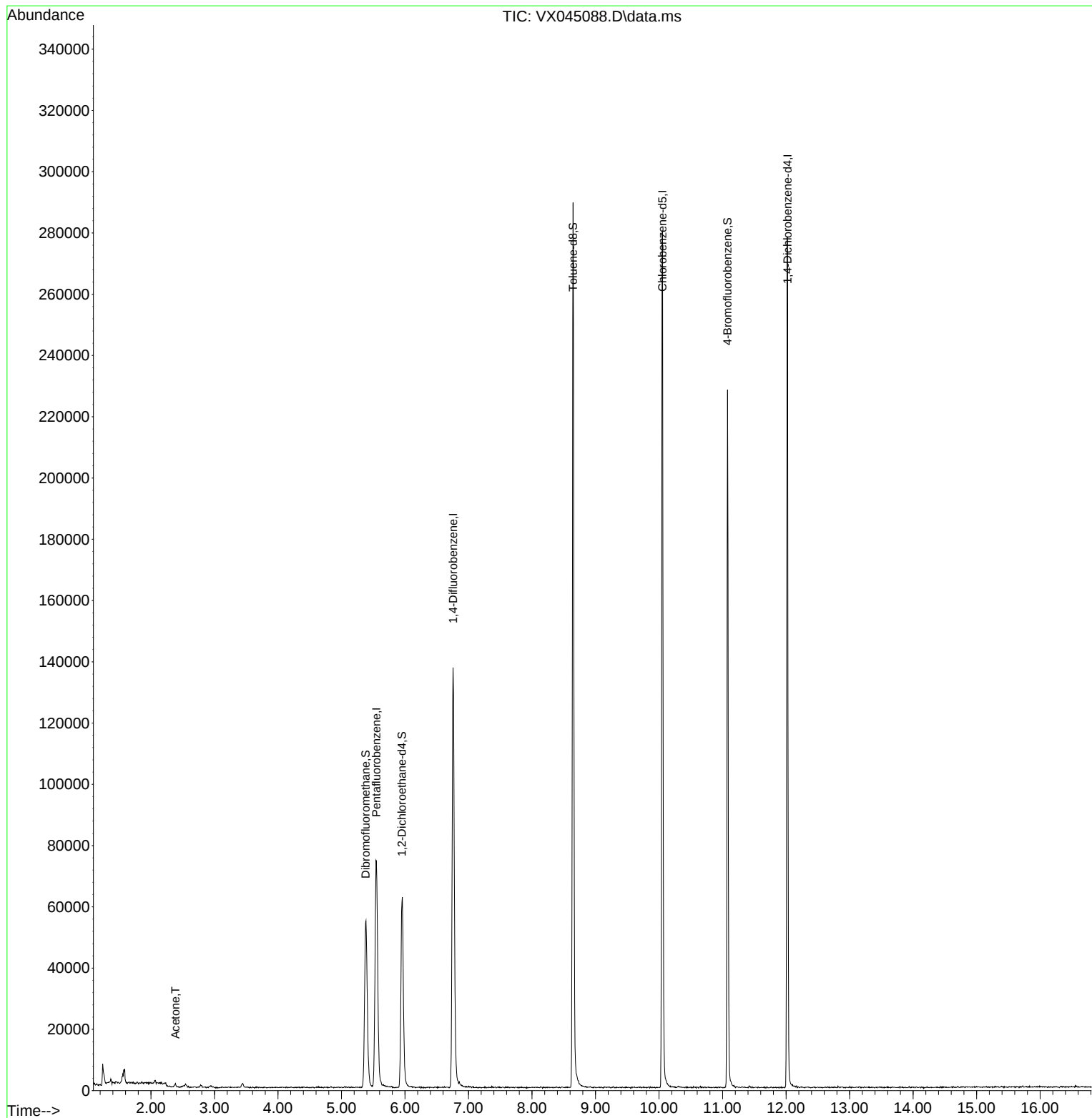
Internal Standards						
1) Pentafluorobenzene	5.550	168	70784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59176	52.558	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.120%	
35) Dibromofluoromethane	5.379	113	48151	51.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	8.647	98	173552	50.935	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	11.079	95	60515	53.596	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.200%	
Target Compounds						
16) Acetone	2.386	43	1053	2.016	ug/l	Qvalue 95

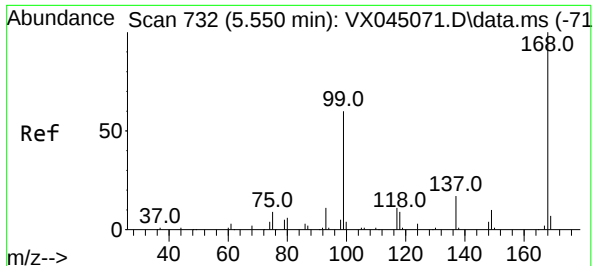
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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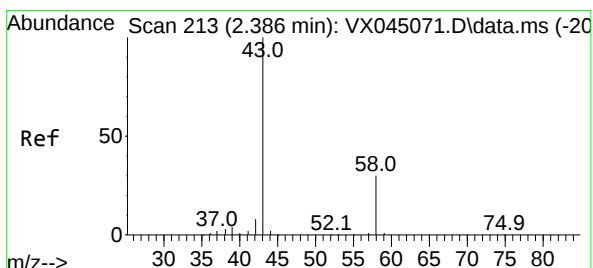
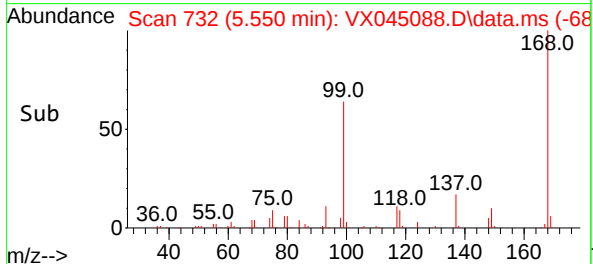
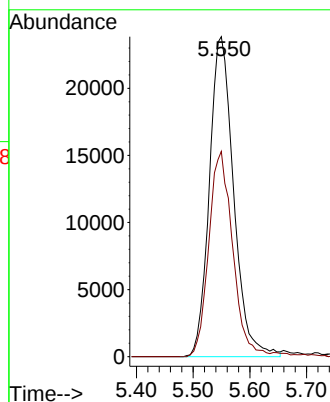
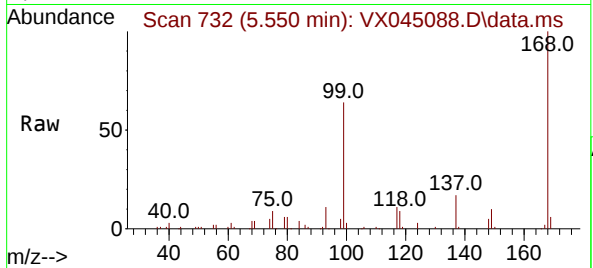




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045088.D
Acq: 28 Feb 2025 14:57

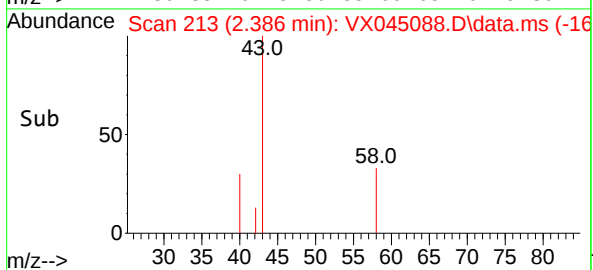
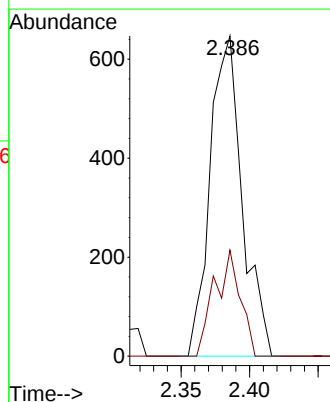
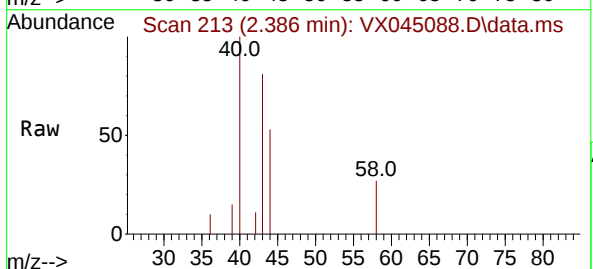
Instrument :
MSVOA_X
ClientSampleId :
286107

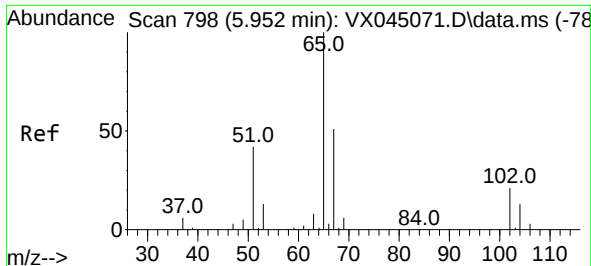
Tgt Ion:168 Resp: 70784
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4



#16
Acetone
Concen: 2.016 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045088.D
Acq: 28 Feb 2025 14:57

Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 33.1 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 52.558 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045088.D

Acq: 28 Feb 2025 14:57

Instrument :

MSVOA_X

ClientSampleId :

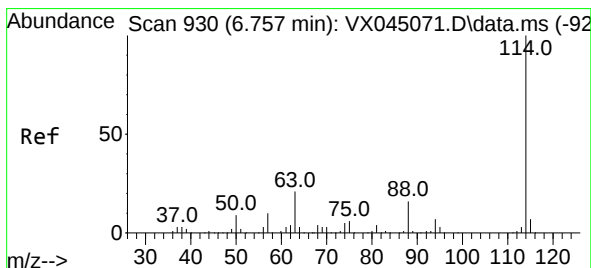
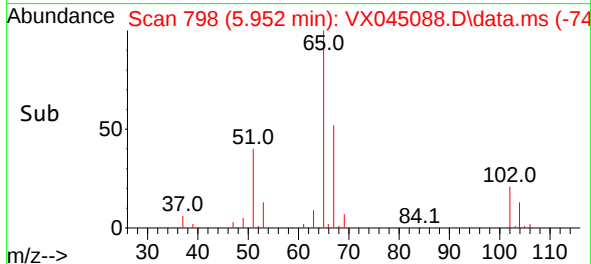
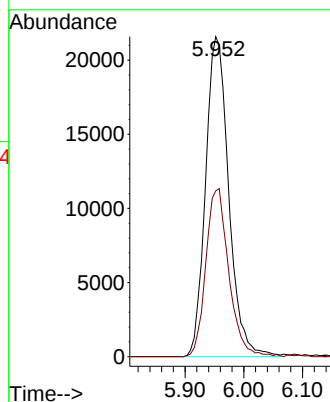
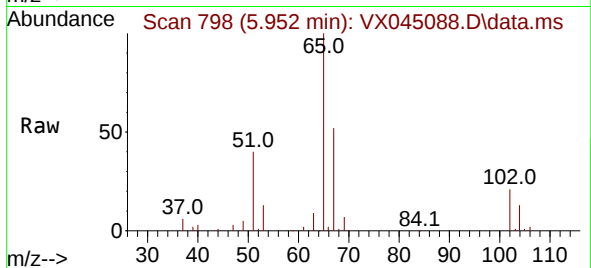
286107

Tgt Ion: 65 Resp: 59176

Ion Ratio Lower Upper

65 100

67 52.1 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: VX045088.D

Acq: 28 Feb 2025 14:57

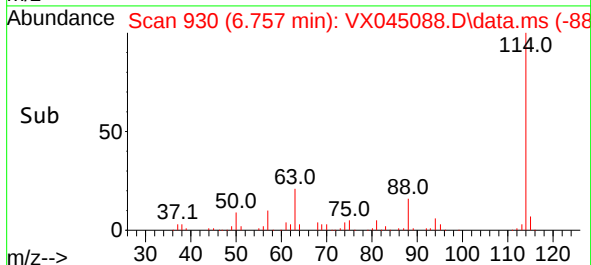
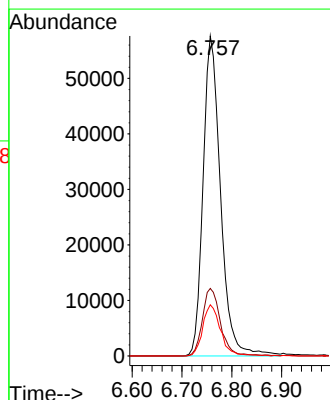
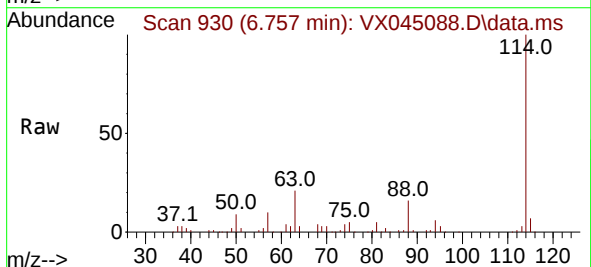
Tgt Ion: 114 Resp: 140557

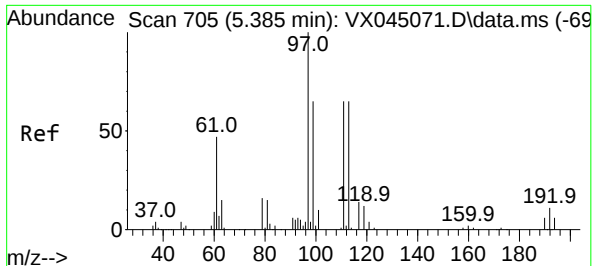
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.8

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.232 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045088.D

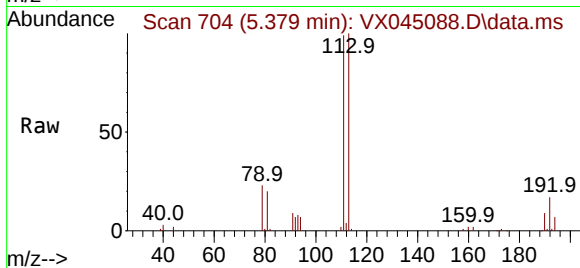
Acq: 28 Feb 2025 14:57

Instrument :

MSVOA_X

ClientSampleId :

286107



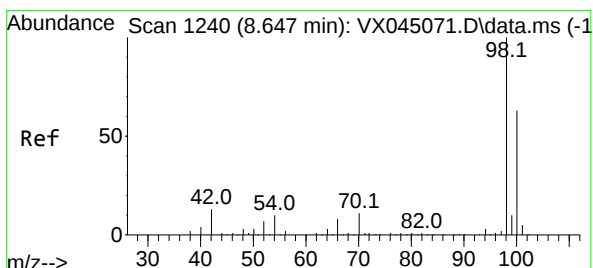
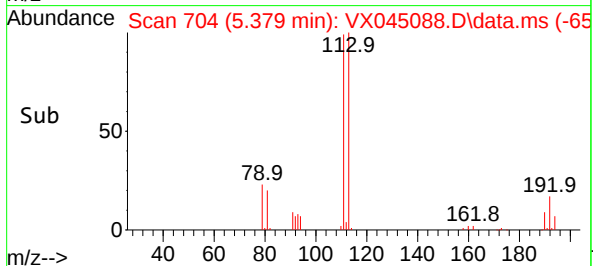
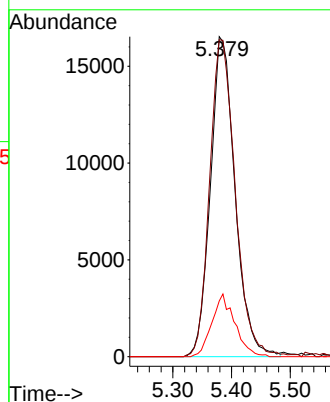
Tgt Ion:113 Resp: 48151

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 18.3 14.3 21.5



#50

Toluene-d8

Concen: 50.935 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045088.D

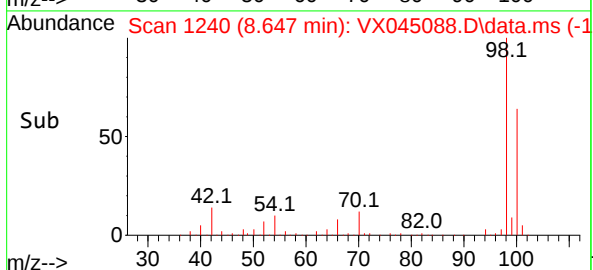
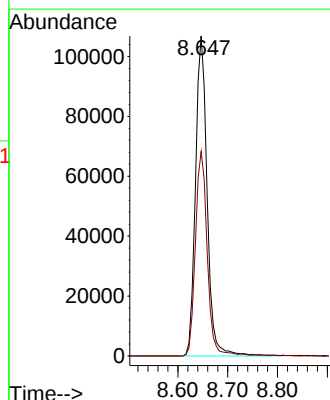
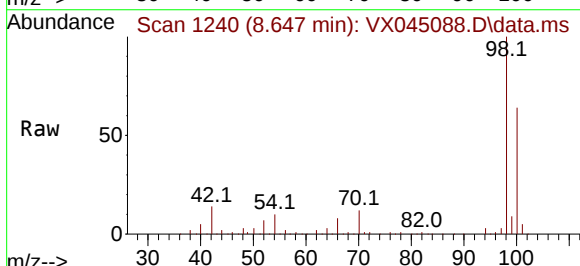
Acq: 28 Feb 2025 14:57

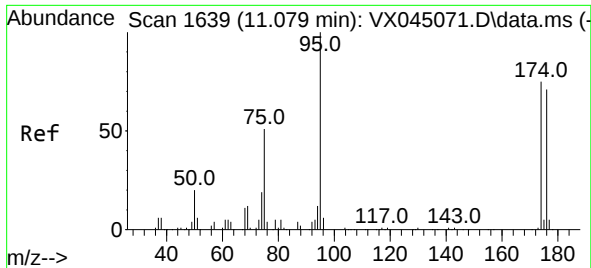
Tgt Ion: 98 Resp: 173552

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

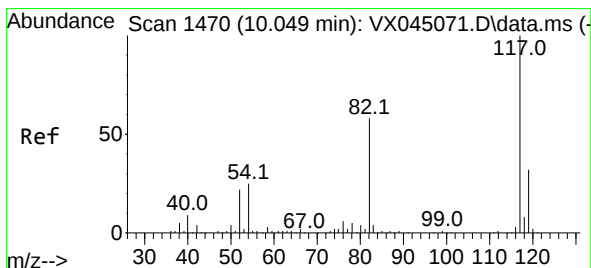
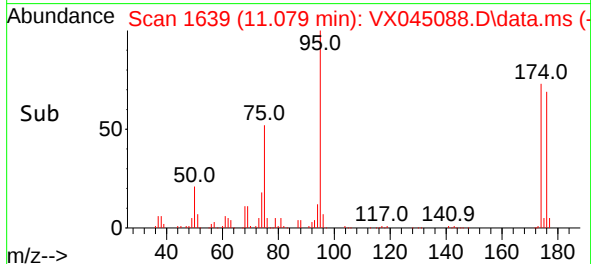
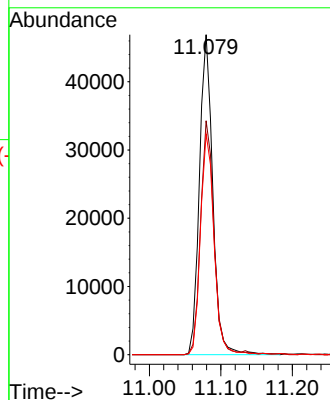
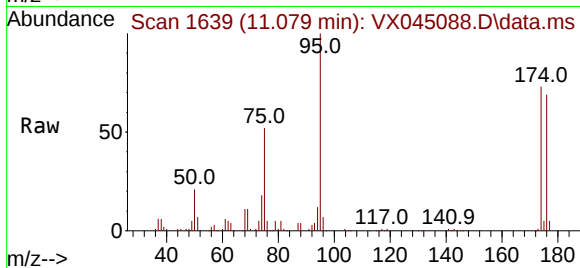




#62
4-Bromofluorobenzene
Concen: 53.596 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045088.D
Acq: 28 Feb 2025 14:57

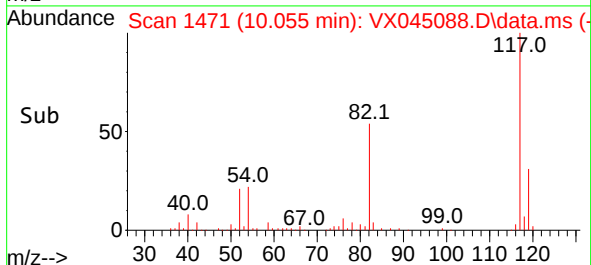
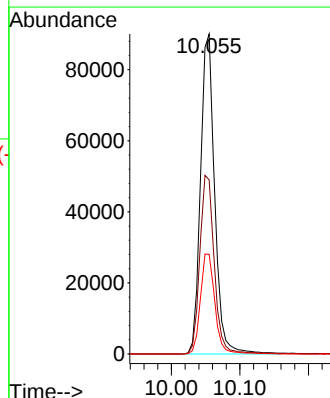
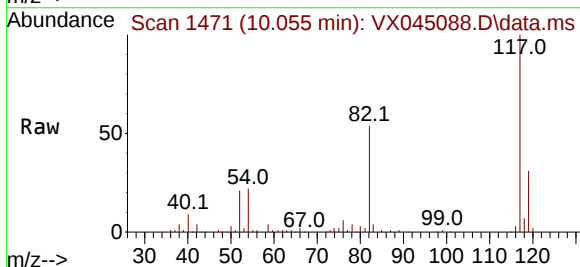
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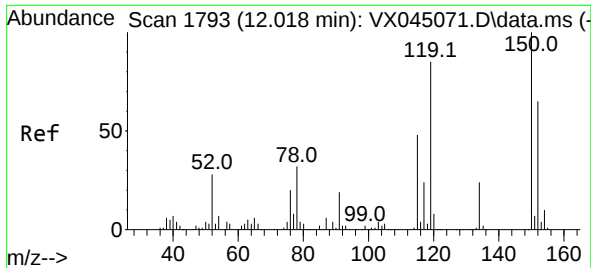
Tgt Ion: 95 Resp: 60515
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.2
176 70.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045088.D
Acq: 28 Feb 2025 14:57

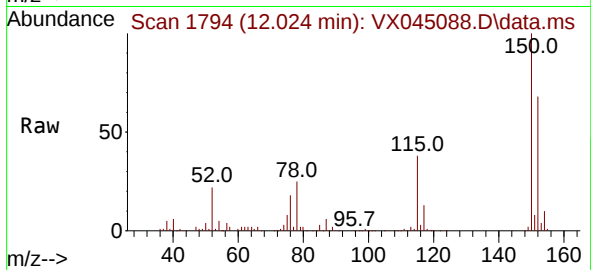
Tgt Ion: 117 Resp: 129751
Ion Ratio Lower Upper
117 100
82 54.4 46.3 69.5
119 31.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045088.D
 Acq: 28 Feb 2025 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 286107



Tgt Ion:152 Resp: 54834
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.2 132.6
 150 157.5 0.0 349.0

