

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047392.D
 Acq On : 18 Aug 2025 18:48
 Operator : JC/MD
 Sample : Q2815-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-84SB-S

Quant Time: Aug 19 01:48:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

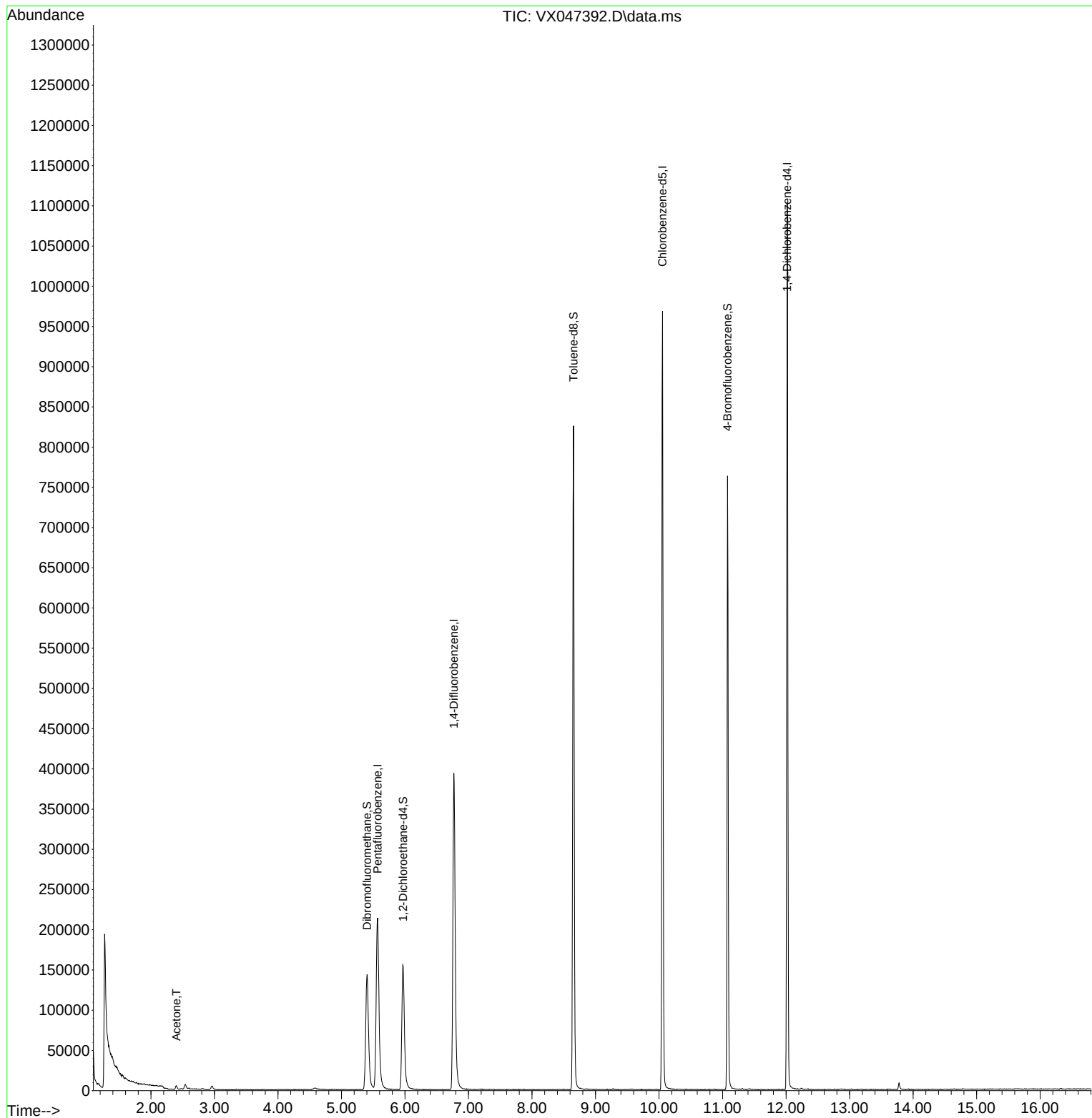
Internal Standards						
1) Pentafluorobenzene	5.568	168	215102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	425527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	165827	55.084	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.160%
35) Dibromofluoromethane	5.403	113	136245	49.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	8.653	98	486424	49.278	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	200744	55.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.220%
Target Compounds						
16) Acetone	2.398	43	6384	5.642	ug/l	Qvalue # 78

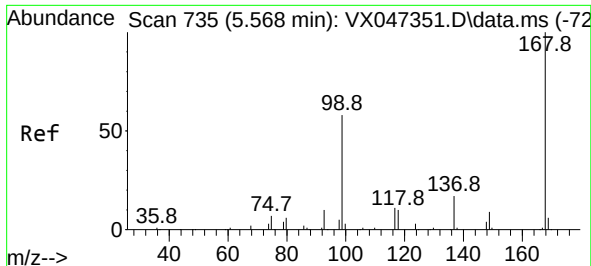
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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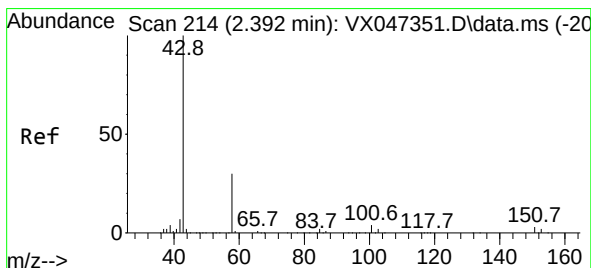
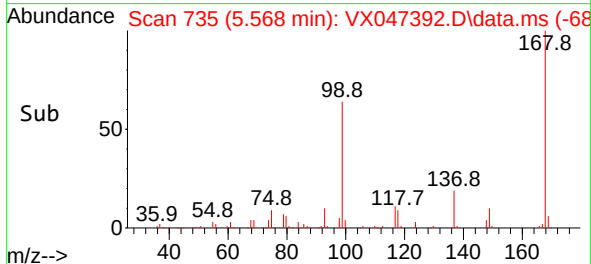
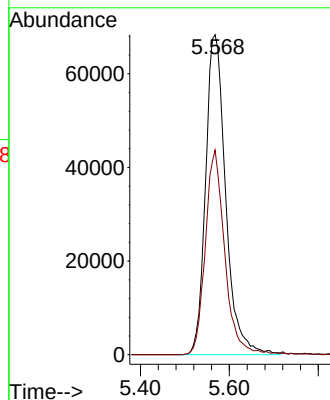
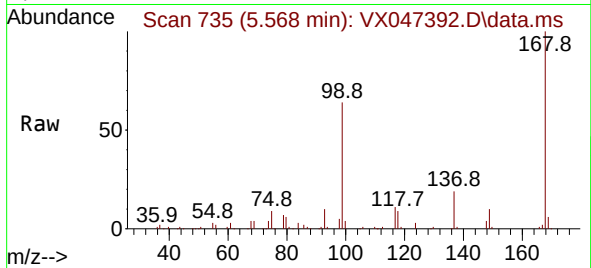




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047392.D
Acq: 18 Aug 2025 18:48

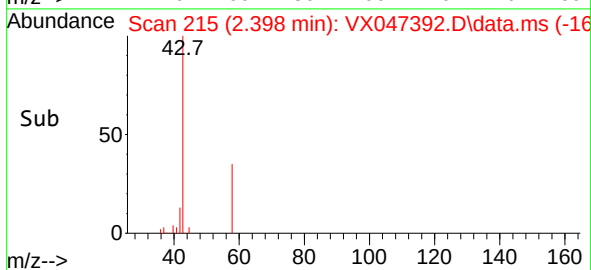
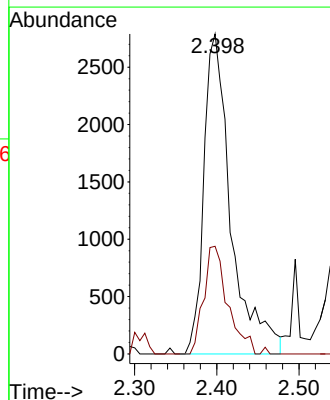
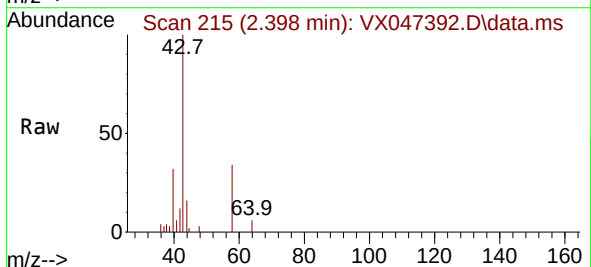
Instrument :
MSVOA_X
ClientSampleId :
TW-84SB-S

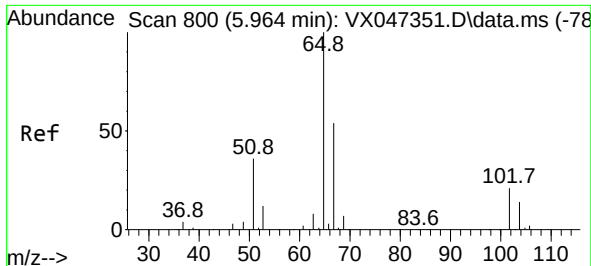
Tgt Ion:168 Resp: 215102
Ion Ratio Lower Upper
168 100
99 64.0 47.9 71.9



#16
Acetone
Concen: 5.642 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047392.D
Acq: 18 Aug 2025 18:48

Tgt Ion: 43 Resp: 6384
Ion Ratio Lower Upper
43 100
58 42.8 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 55.084 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047392.D

Acq: 18 Aug 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

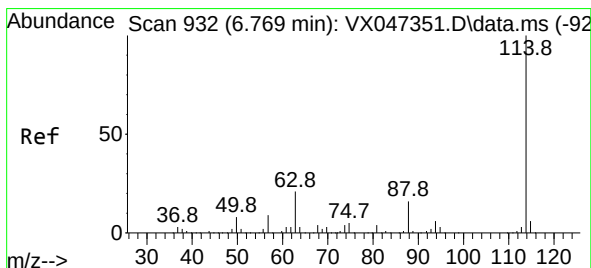
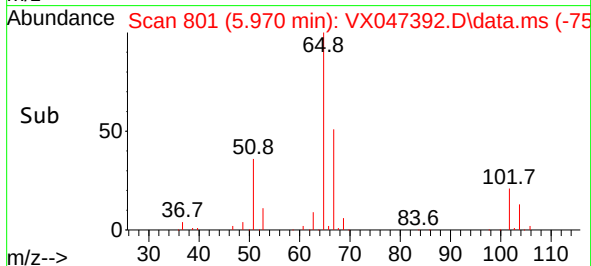
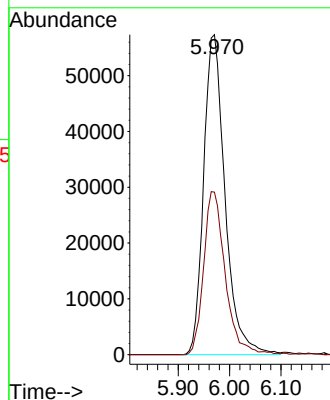
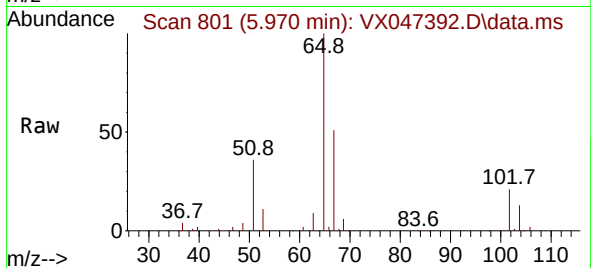
TW-84SB-S

Tgt Ion: 65 Resp: 165827

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047392.D

Acq: 18 Aug 2025 18:48

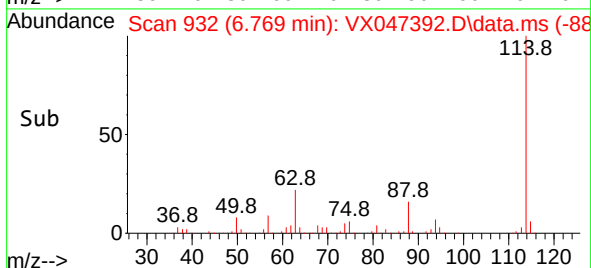
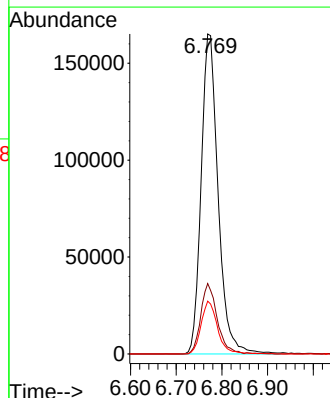
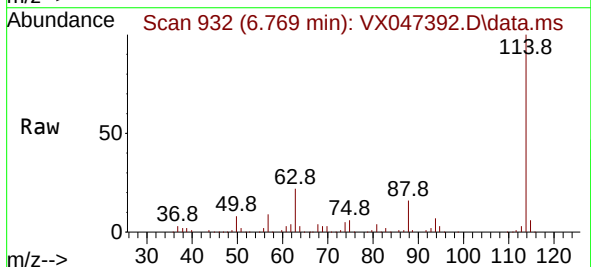
Tgt Ion: 114 Resp: 425527

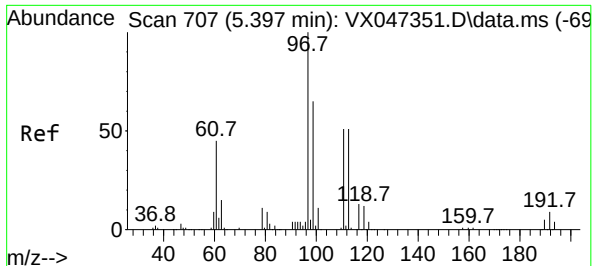
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.4

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.334 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047392.D

Acq: 18 Aug 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

TW-84SB-S

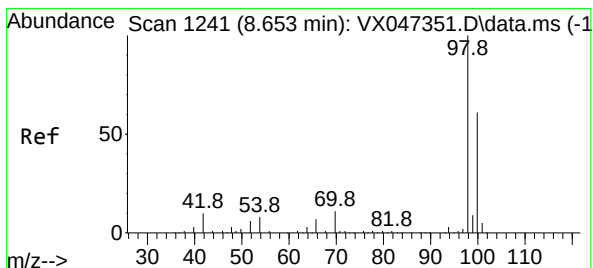
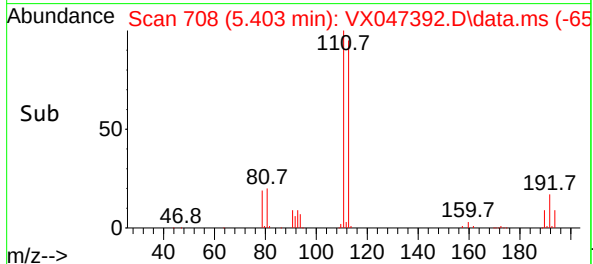
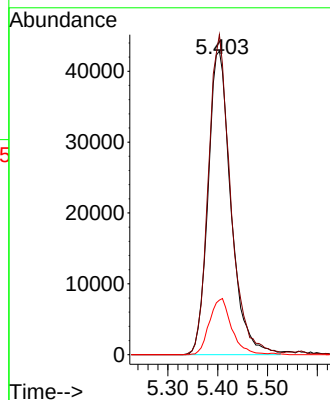
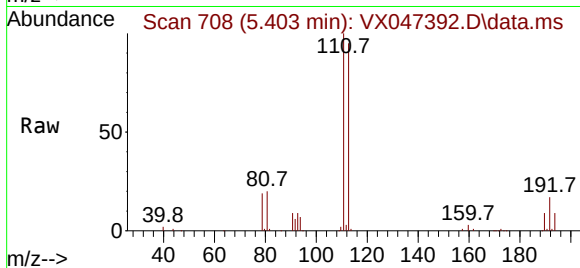
Tgt Ion:113 Resp: 136245

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

192 18.0 14.1 21.1



#50

Toluene-d8

Concen: 49.278 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047392.D

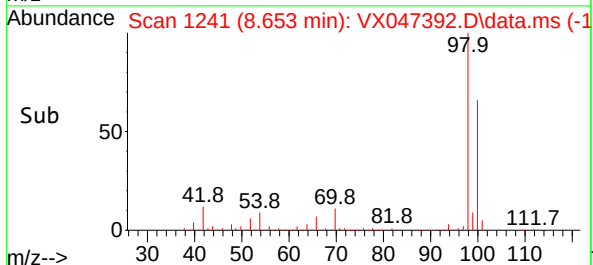
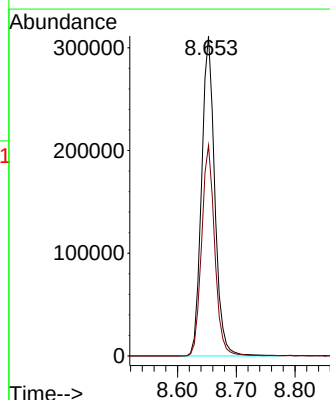
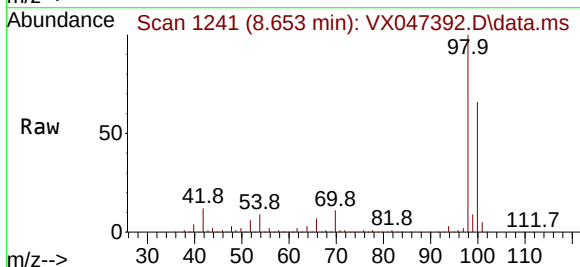
Acq: 18 Aug 2025 18:48

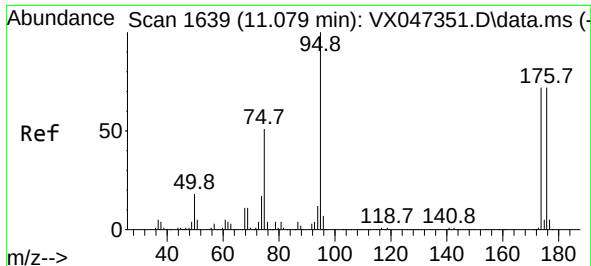
Tgt Ion: 98 Resp: 486424

Ion Ratio Lower Upper

98 100

100 65.4 53.9 80.9

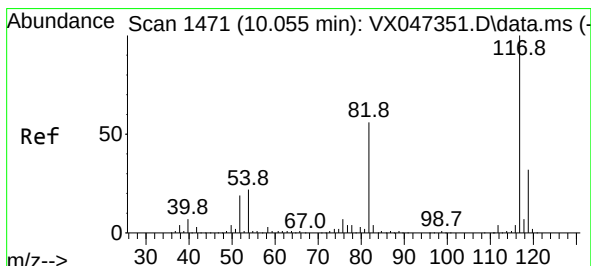
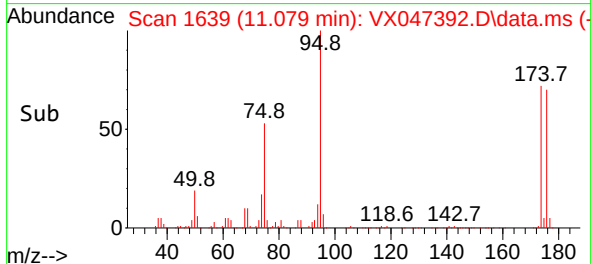
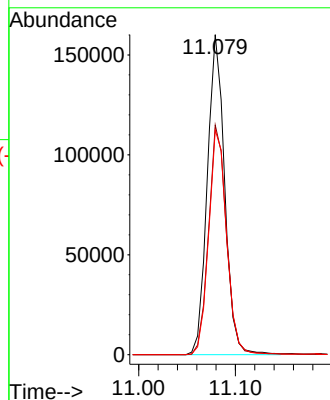
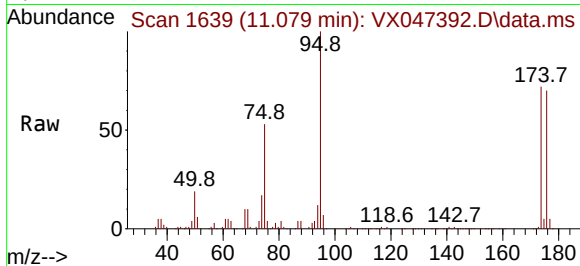




#62
4-Bromofluorobenzene
Concen: 55.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047392.D
Acq: 18 Aug 2025 18:48

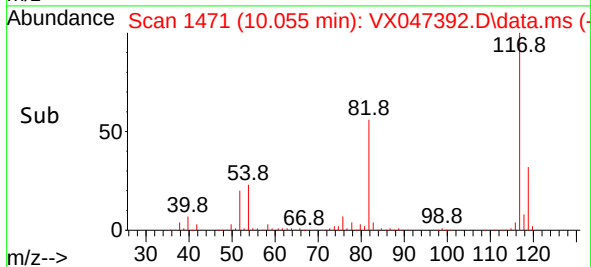
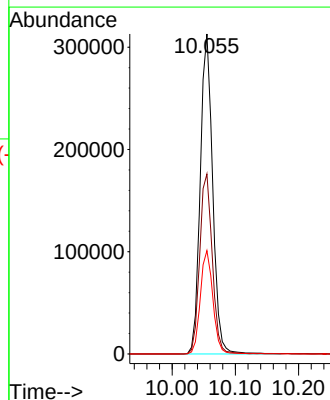
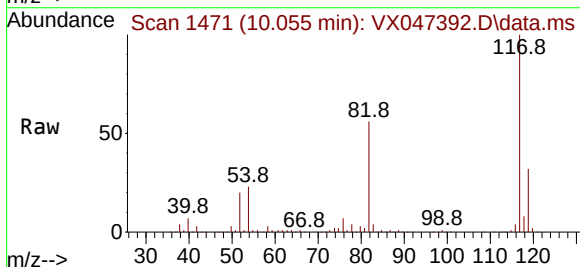
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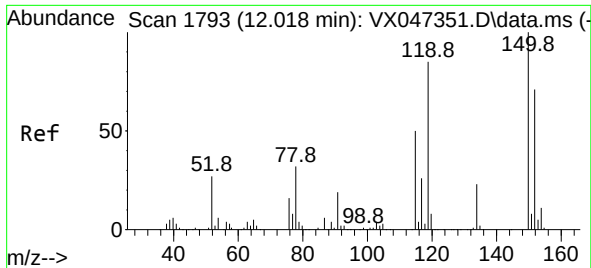
Tgt Ion: 95 Resp: 200744
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 72.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047392.D
Acq: 18 Aug 2025 18:48

Tgt Ion: 117 Resp: 427339
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047392.D

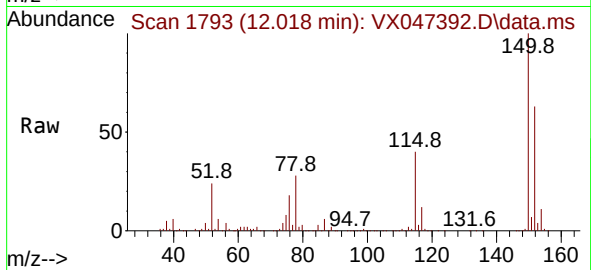
Acq: 18 Aug 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

TW-84SB-S



Tgt Ion:152 Resp: 220943

Ion Ratio Lower Upper

152 100

115 61.6 44.6 133.8

150 156.4 0.0 349.8

