

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047382.D
 Acq On : 18 Aug 2025 15:14
 Operator : JC/MD
 Sample : Q2815-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-NRE

Quant Time: Aug 19 01:43:48 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)

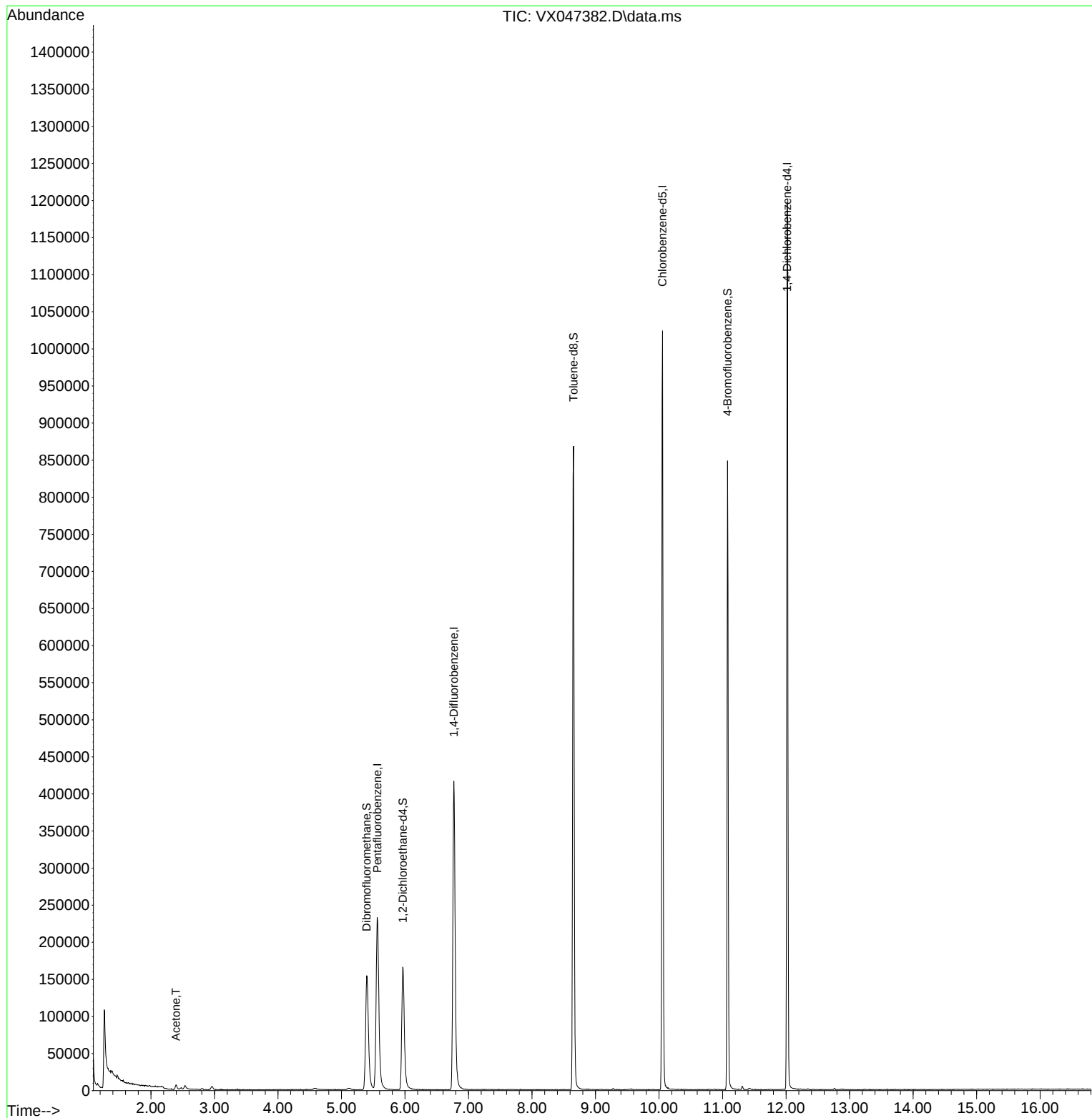
Internal Standards						
1) Pentafluorobenzene	5.562	168	232145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	447155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	236692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177252	54.557	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.120%		
35) Dibromofluoromethane	5.397	113	146545	50.497	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.000%		
50) Toluene-d8	8.653	98	523865	50.504	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.000%		
62) 4-Bromofluorobenzene	11.079	95	223111	58.288	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 116.580%		
Target Compounds						
16) Acetone	2.392	43	8786	7.194	ug/l	Qvalue 98

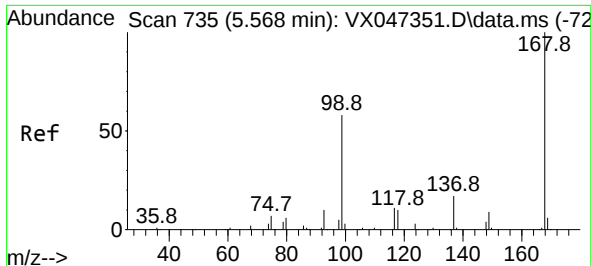
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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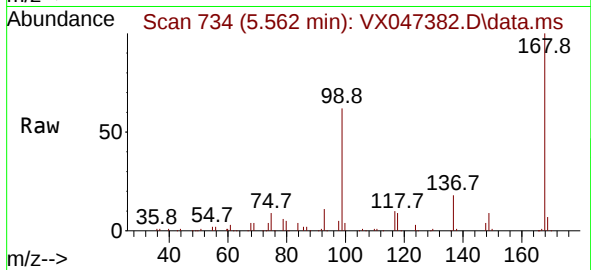
Quant Time: Aug 19 01:43:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
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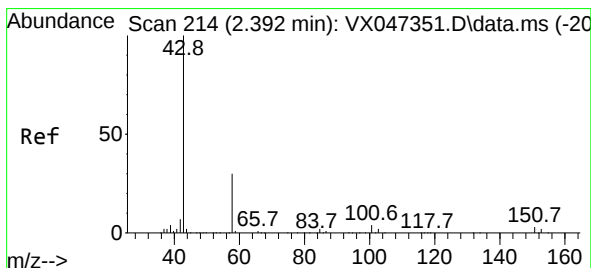
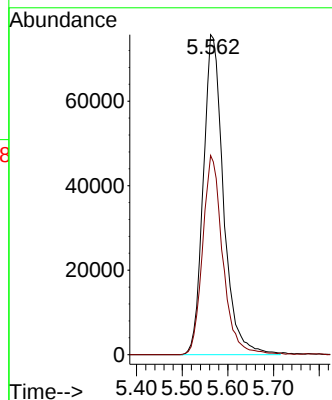
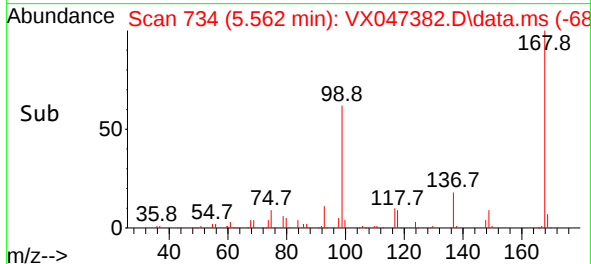


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047382.D
Acq: 18 Aug 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
TW-10P-NRE

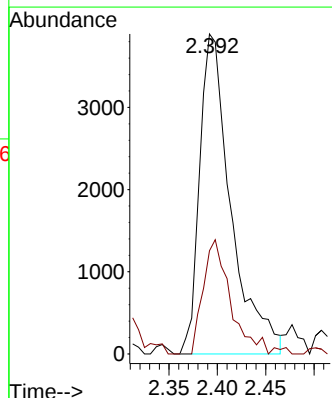
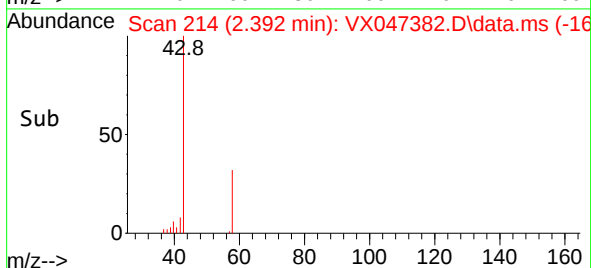
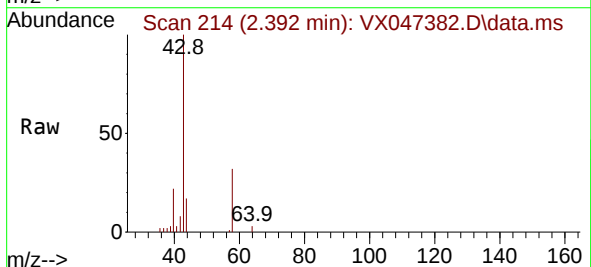


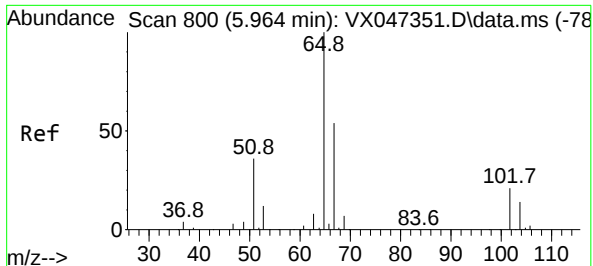
Tgt Ion:168 Resp: 232145
Ion Ratio Lower Upper
168 100
99 62.2 47.9 71.9



#16
Acetone
Concen: 7.194 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047382.D
Acq: 18 Aug 2025 15:14

Tgt Ion: 43 Resp: 8786
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 54.557 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047382.D

Acq: 18 Aug 2025 15:14

Instrument :

MSVOA_X

ClientSampleId :

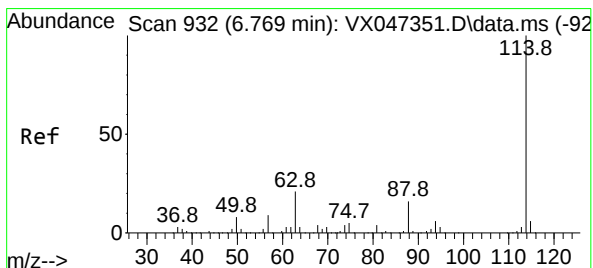
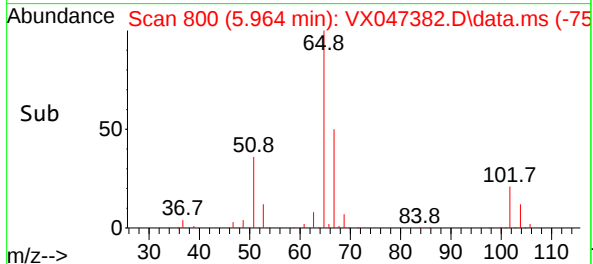
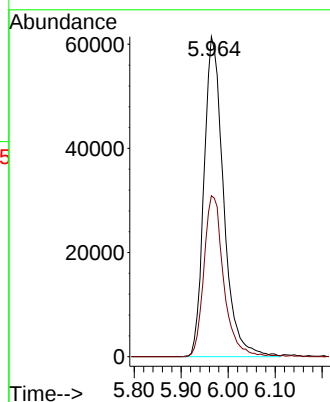
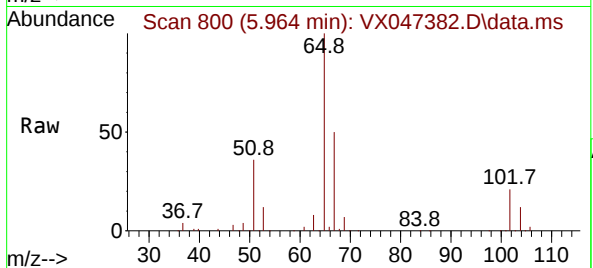
TW-10P-NRE

Tgt Ion: 65 Resp: 177252

Ion Ratio Lower Upper

65 100

67 51.0 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: VX047382.D

Acq: 18 Aug 2025 15:14

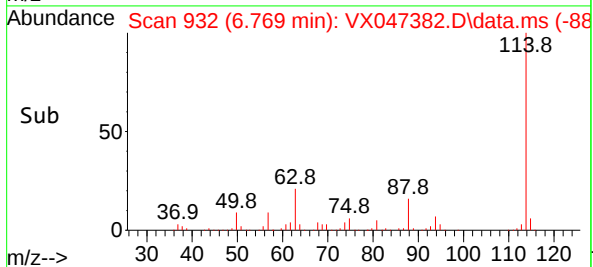
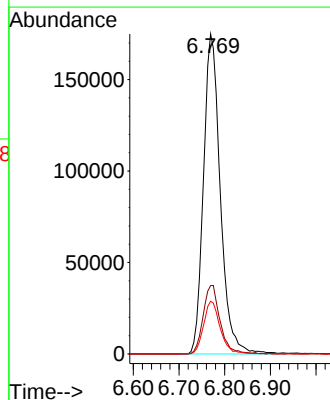
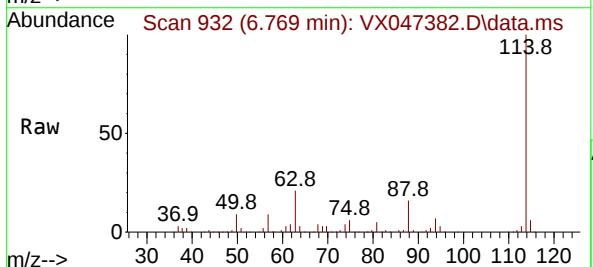
Tgt Ion: 114 Resp: 447155

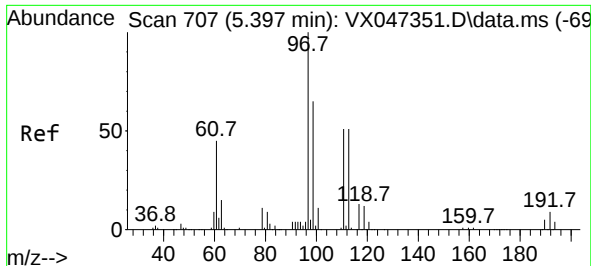
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 16.5 0.0 33.0

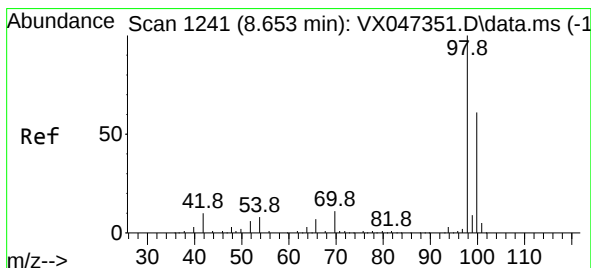
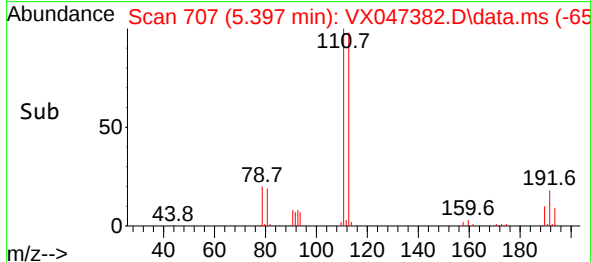
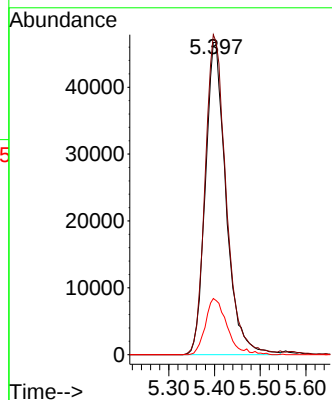
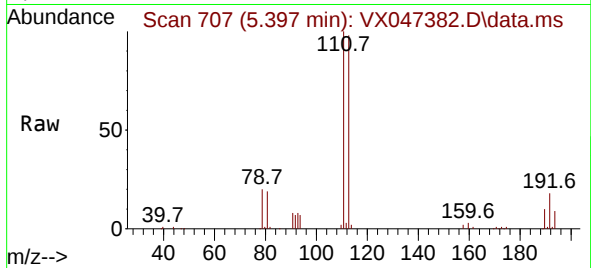




#35
Dibromofluoromethane
Concen: 50.497 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047382.D
Acq: 18 Aug 2025 15:14

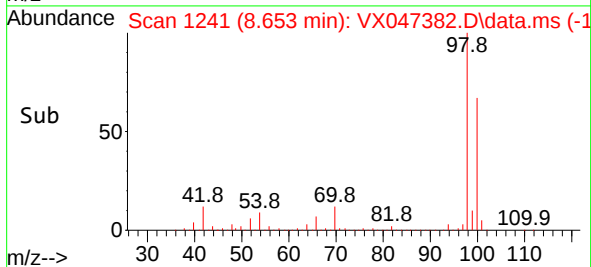
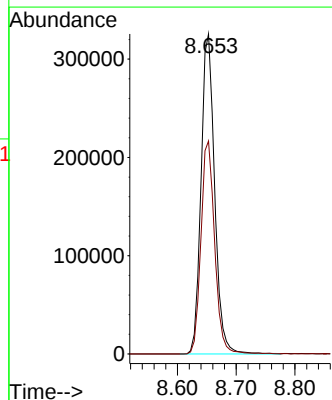
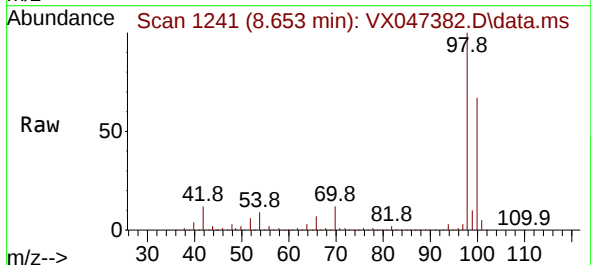
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-NRE

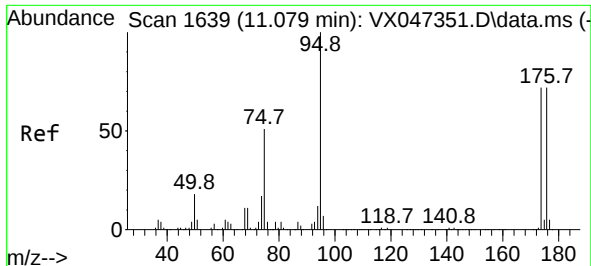
Tgt Ion:113 Resp: 146545
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.2
192 18.9 14.1 21.1



#50
Toluene-d8
Concen: 50.504 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047382.D
Acq: 18 Aug 2025 15:14

Tgt Ion: 98 Resp: 523865
Ion Ratio Lower Upper
98 100
100 67.2 53.9 80.9

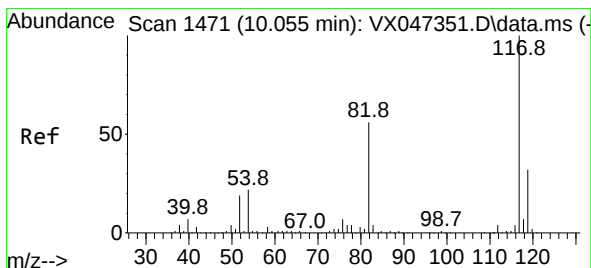
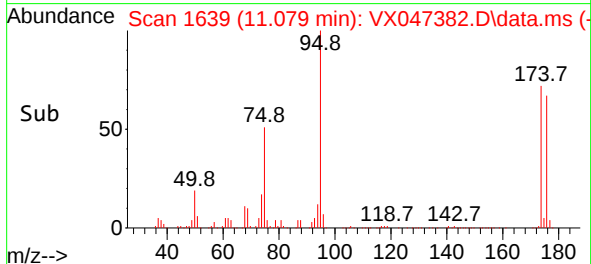
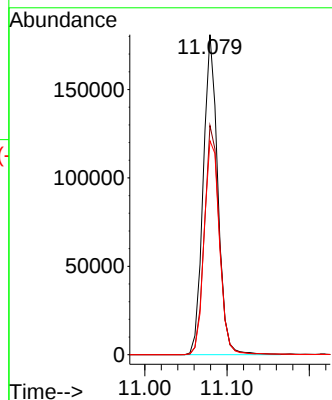
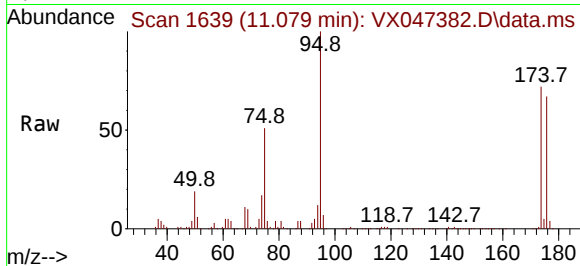




#62
4-Bromofluorobenzene
Concen: 58.288 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047382.D
Acq: 18 Aug 2025 15:14

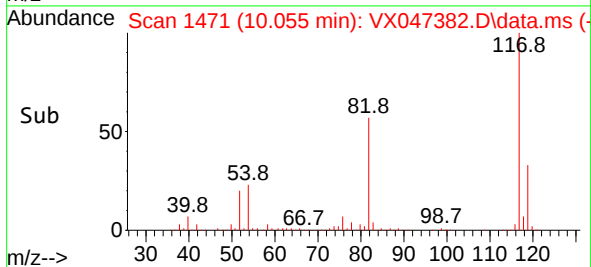
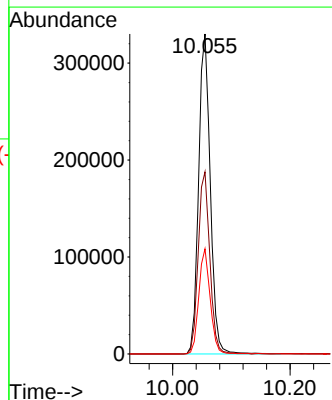
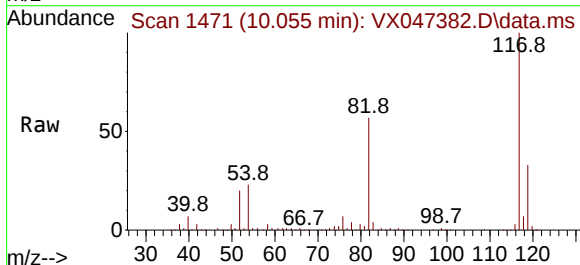
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-NRE

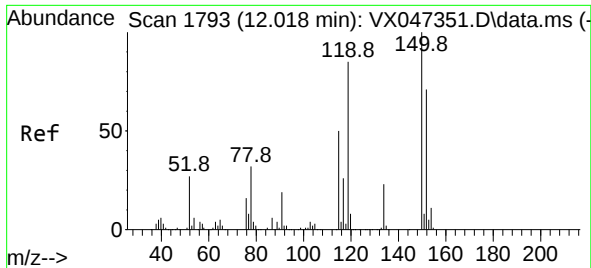
Tgt Ion: 95 Resp: 223111
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.0
176 71.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047382.D
Acq: 18 Aug 2025 15:14

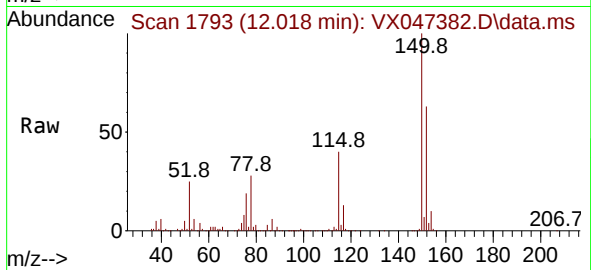
Tgt Ion: 117 Resp: 455584
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.8 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047382.D
 Acq: 18 Aug 2025 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-NRE



Tgt Ion:152 Resp: 236692
 Ion Ratio Lower Upper
 152 100
 115 61.5 44.6 133.8
 150 158.1 0.0 349.8

