

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047497.D
 Acq On : 22 Aug 2025 15:01
 Operator : JC/MD
 Sample : Q2903-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-081925

Quant Time: Aug 25 01:29:02 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)

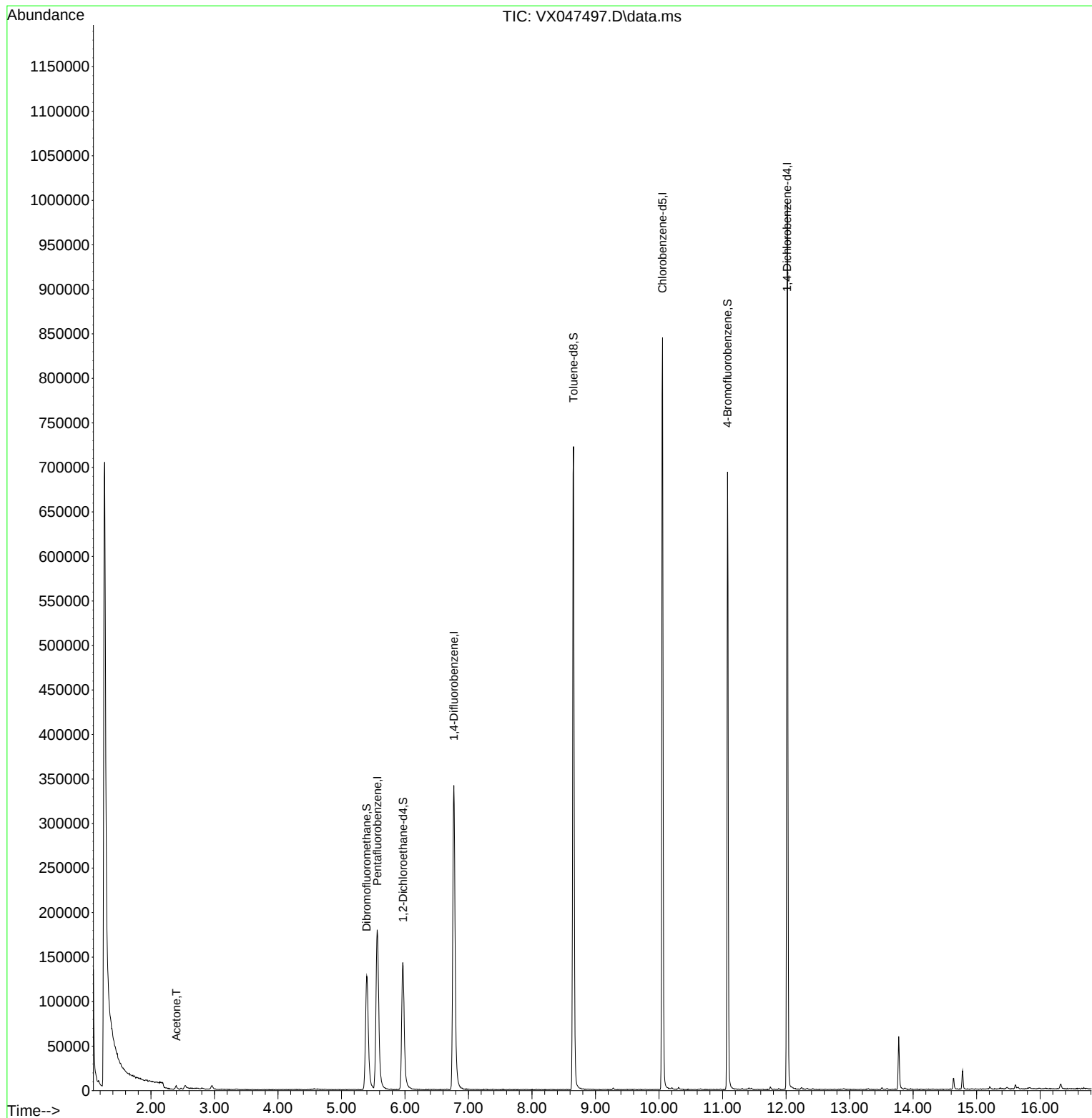
Internal Standards						
1) Pentafluorobenzene	5.562	168	181722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	203331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	151317	59.497	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.000%#	
35) Dibromofluoromethane	5.397	113	124041	51.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.320%	
50) Toluene-d8	8.653	98	431839	49.832	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.660%	
62) 4-Bromofluorobenzene	11.079	95	188045	58.802	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.600%	
Target Compounds						
16) Acetone	2.398	43	4702	4.919	ug/l	Qvalue 98

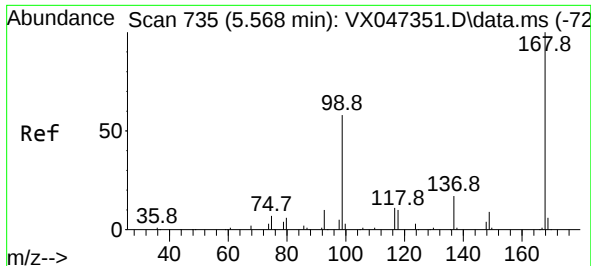
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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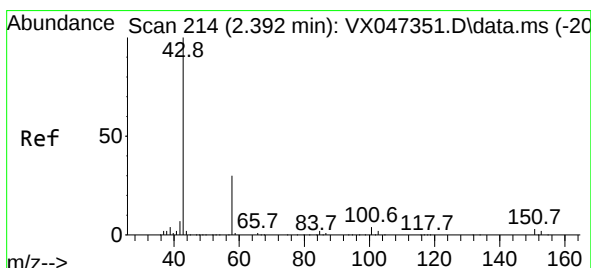
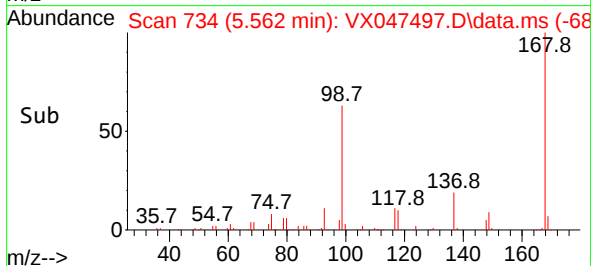
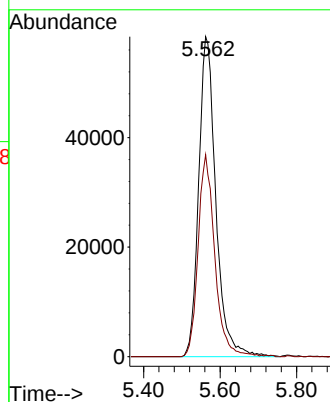
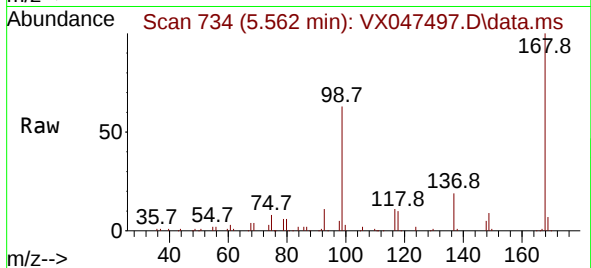




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047497.D
Acq: 22 Aug 2025 15:01

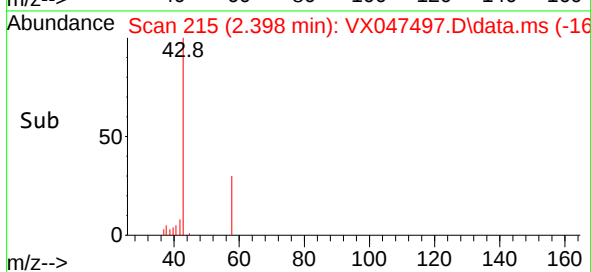
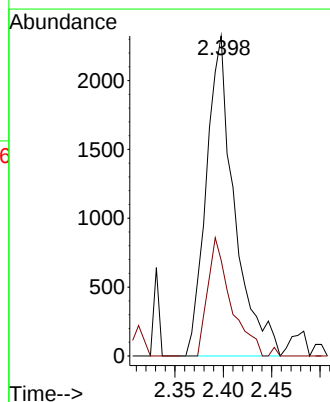
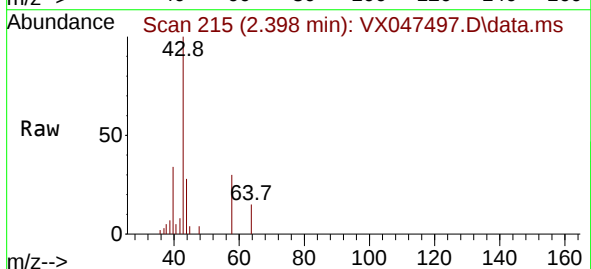
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-081925

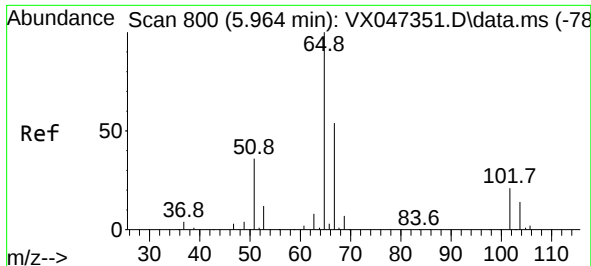
Tgt Ion:168 Resp: 181722
Ion Ratio Lower Upper
168 100
99 63.1 47.9 71.9



#16
Acetone
Concen: 4.919 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047497.D
Acq: 22 Aug 2025 15:01

Tgt Ion: 43 Resp: 4702
Ion Ratio Lower Upper
43 100
58 29.9 24.8 37.2

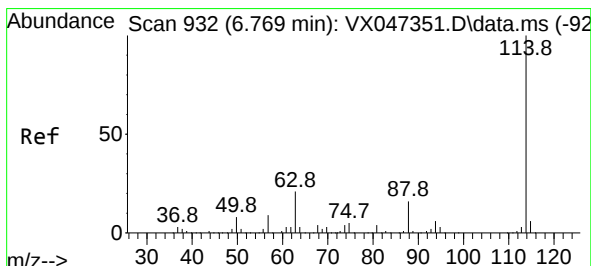
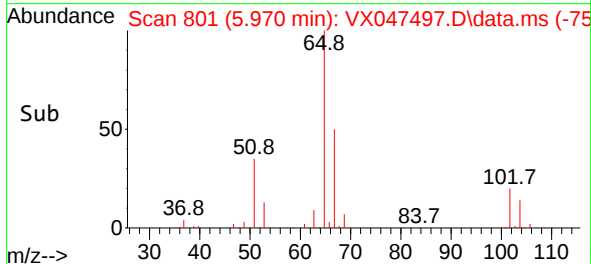
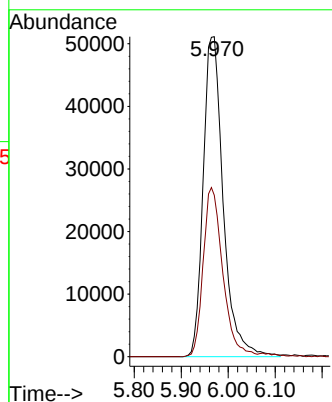
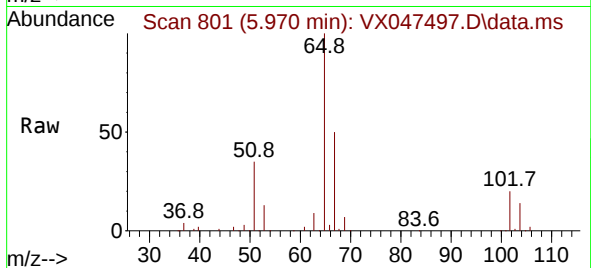




#33
 1,2-Dichloroethane-d4
 Concen: 59.497 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047497.D
 Acq: 22 Aug 2025 15:01

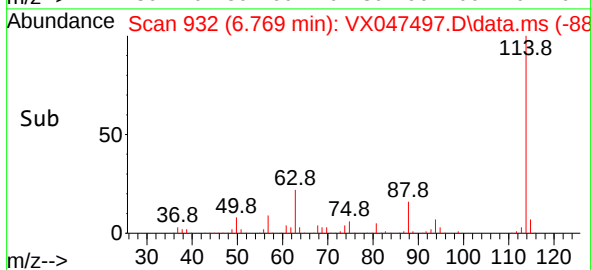
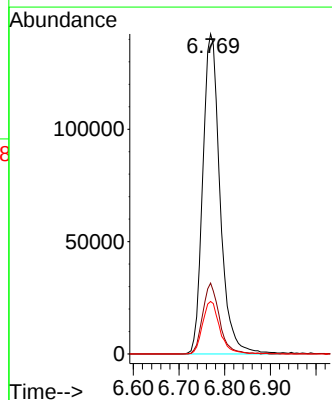
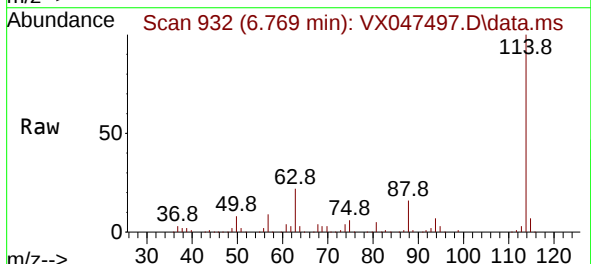
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-081925

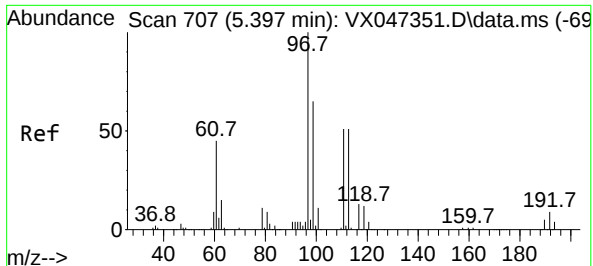
Tgt Ion: 65 Resp: 151317
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047497.D
 Acq: 22 Aug 2025 15:01

Tgt Ion: 114 Resp: 373576
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.4
 88 16.4 0.0 33.0

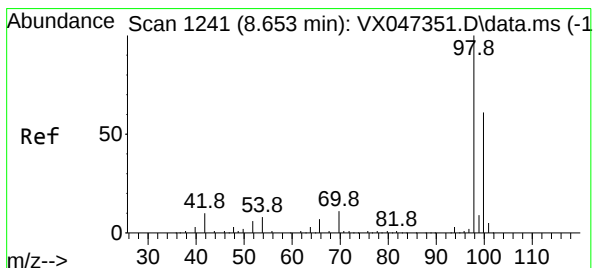
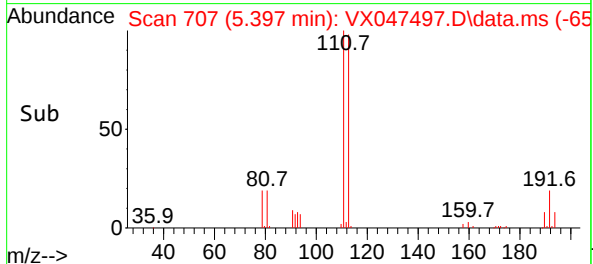
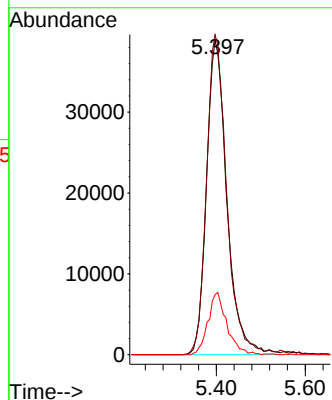
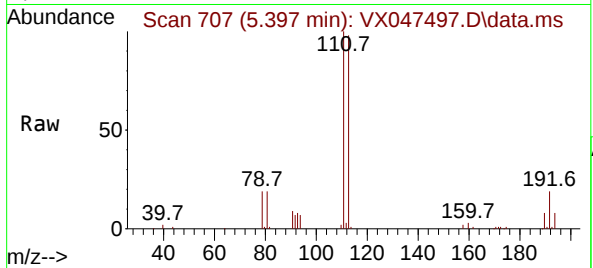




#35
Dibromofluoromethane
Concen: 51.161 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047497.D
Acq: 22 Aug 2025 15:01

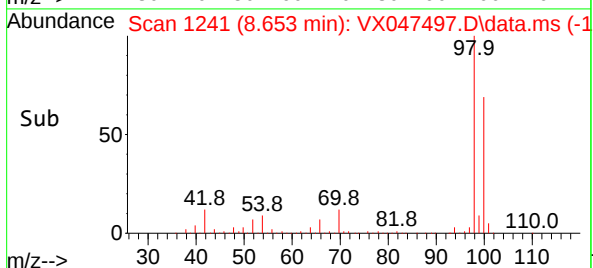
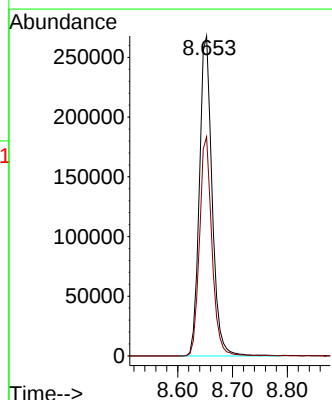
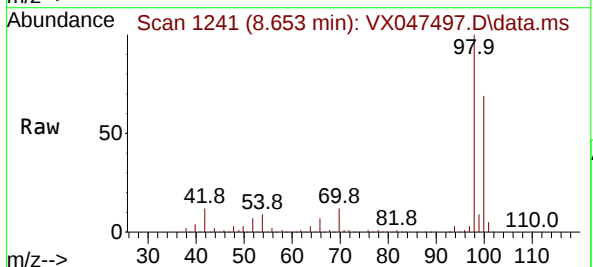
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-081925

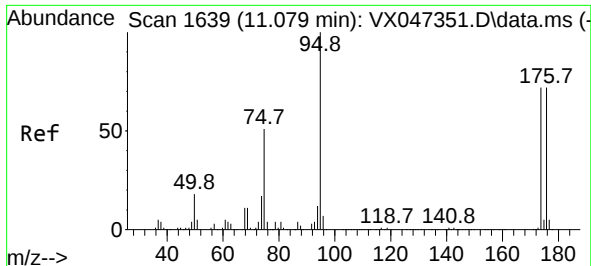
Tgt Ion:113 Resp: 124041
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.2
192 18.4 14.1 21.1



#50
Toluene-d8
Concen: 49.832 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047497.D
Acq: 22 Aug 2025 15:01

Tgt Ion: 98 Resp: 431839
Ion Ratio Lower Upper
98 100
100 67.1 53.9 80.9

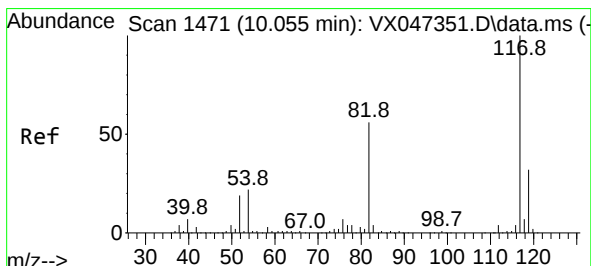
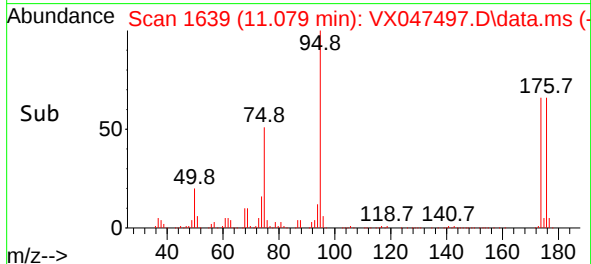
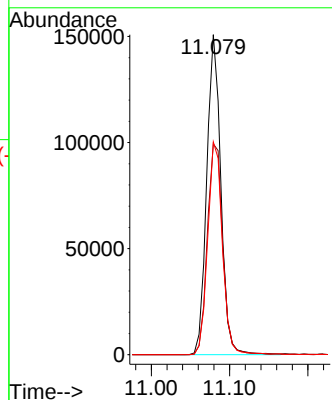
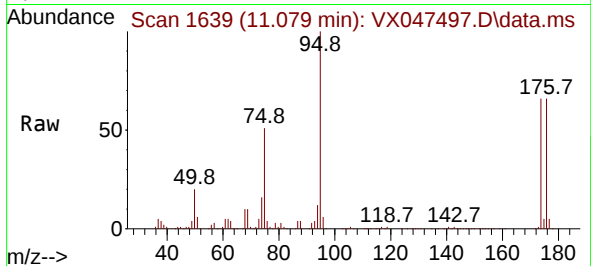




#62
4-Bromofluorobenzene
Concen: 58.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047497.D
Acq: 22 Aug 2025 15:01

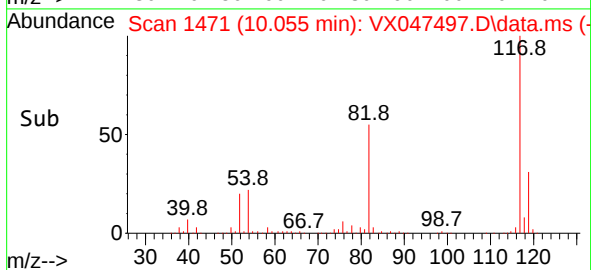
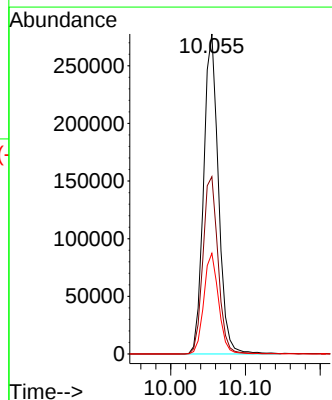
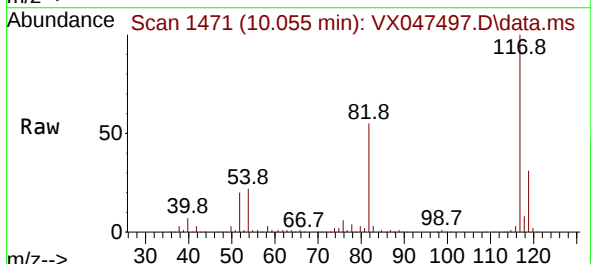
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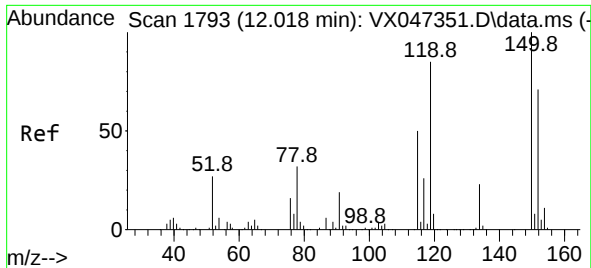
Tgt Ion: 95 Resp: 188045
Ion Ratio Lower Upper
95 100
174 71.9 0.0 148.0
176 69.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047497.D
Acq: 22 Aug 2025 15:01

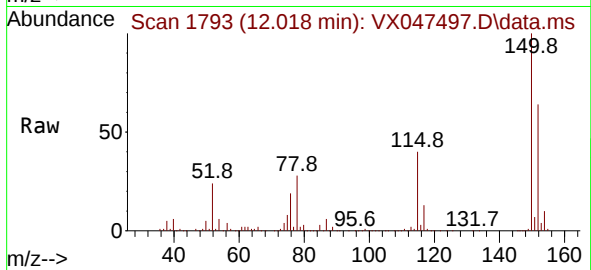
Tgt Ion: 117 Resp: 382152
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 31.5 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047497.D
Acq: 22 Aug 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-081925



Tgt Ion:152 Resp: 203331
Ion Ratio Lower Upper
152 100
115 61.5 44.6 133.8
150 155.5 0.0 349.8

