

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047226.D
 Acq On : 04 Aug 2025 14:44
 Operator : JC/MD
 Sample : Q2759-04 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIQUID-DRUMS

Quant Time: Aug 05 02:59:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

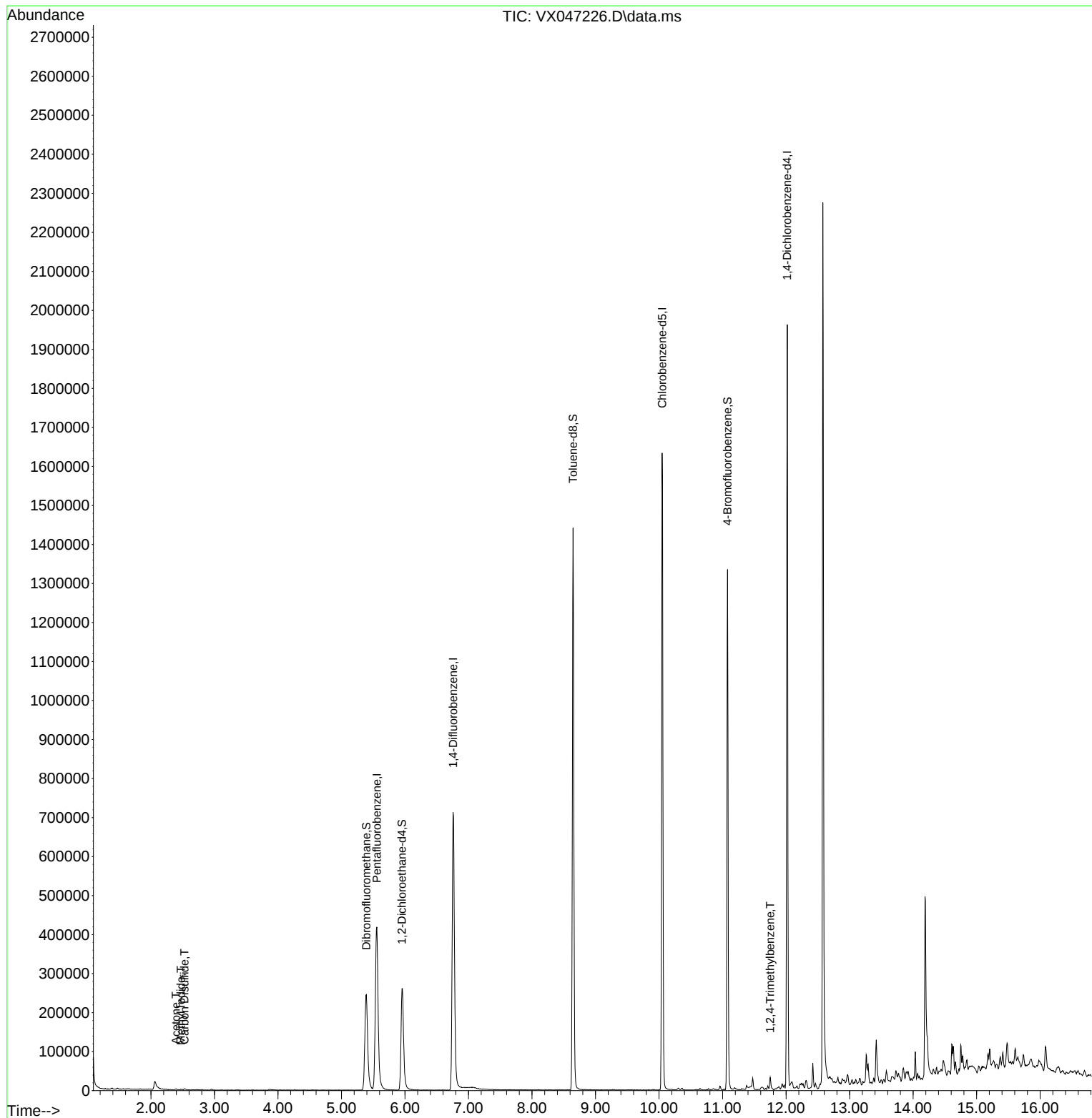
Internal Standards						
1) Pentafluorobenzene	5.556	168	415517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	767441	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	727115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	372512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	275802	53.284	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.560%
35) Dibromofluoromethane	5.391	113	234393	49.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	8.647	98	846092	55.137	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.280%
62) 4-Bromofluorobenzene	11.079	95	355377	53.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.480%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	2420	0.450	ug/l #	88
16) Acetone	2.392	43	3721	1.795	ug/l #	83
17) Carbon Disulfide	2.526	76	3602	0.238	ug/l #	92
84) 1,2,4-Trimethylbenzene	11.750	105	12428	0.513	ug/l	96

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

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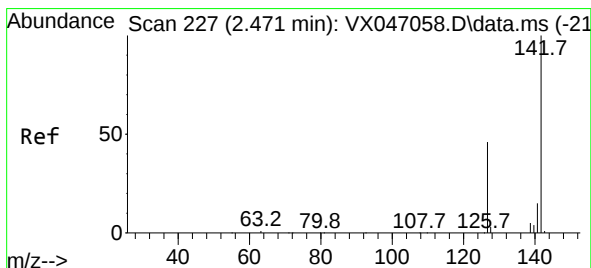
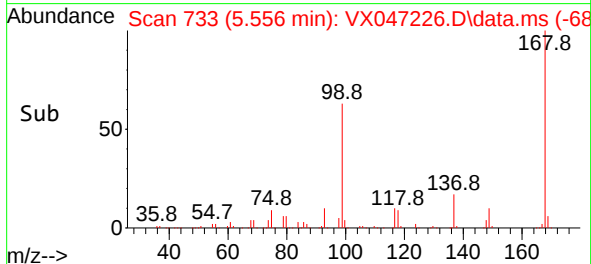
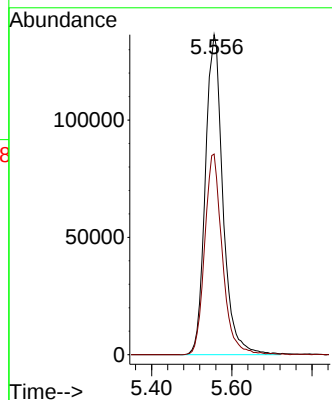
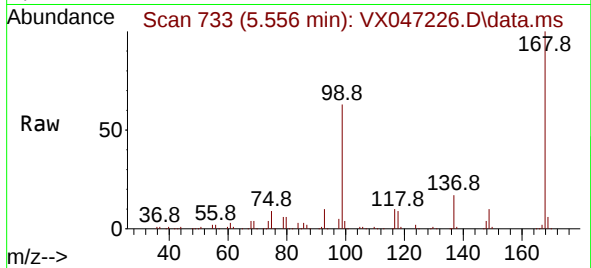




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

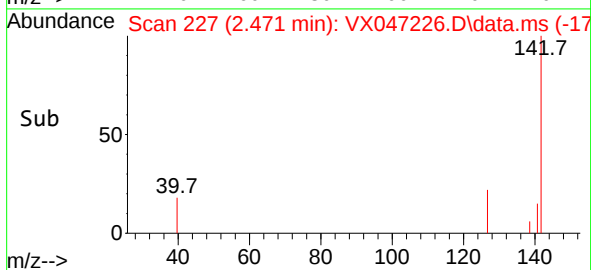
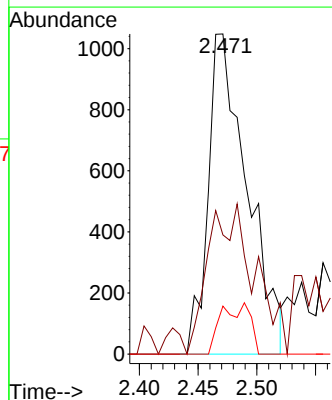
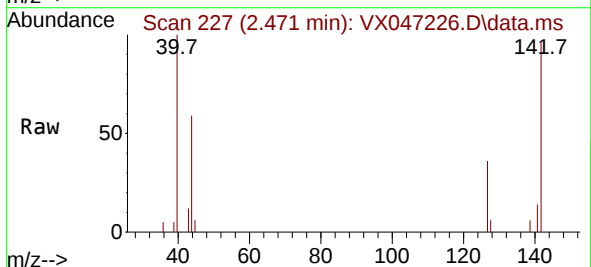
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS

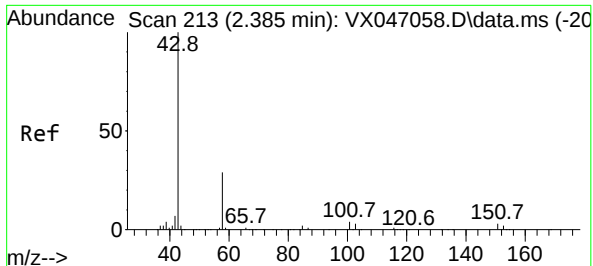
Tgt Ion:168 Resp: 415517
Ion Ratio Lower Upper
168 100
99 62.7 48.0 72.0



#10
Methyl Iodide
Concen: 0.450 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion:142 Resp: 2420
Ion Ratio Lower Upper
142 100
127 55.3 36.6 54.8#
141 11.8 10.9 16.3

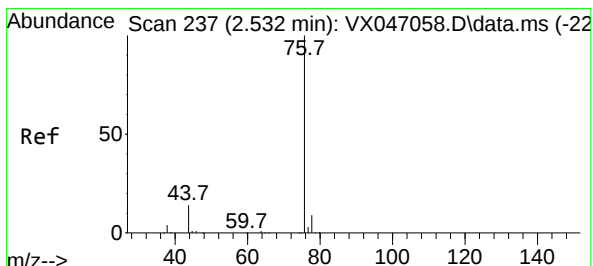
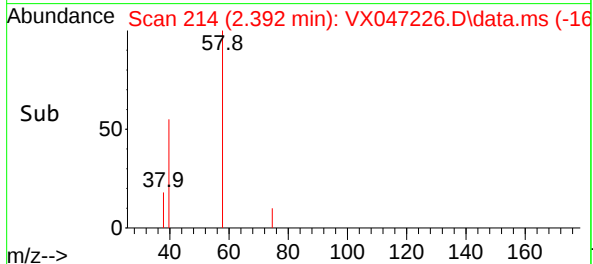
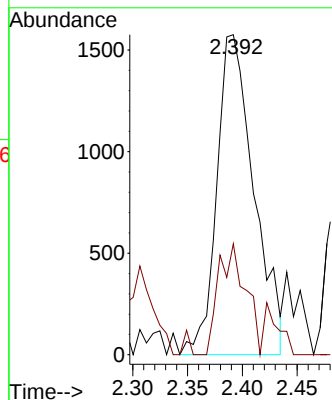
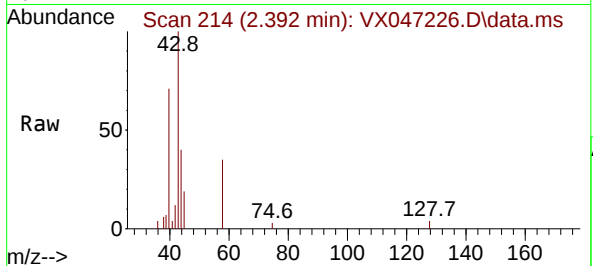




#16
Acetone
Concen: 1.795 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

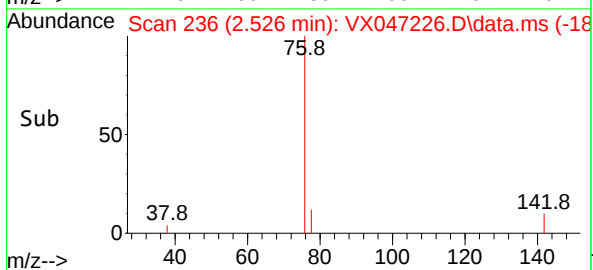
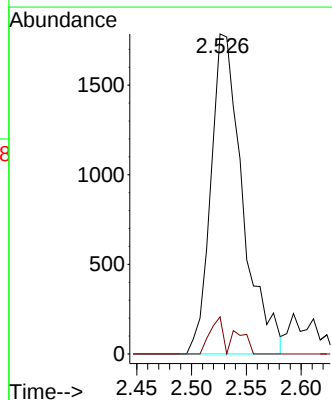
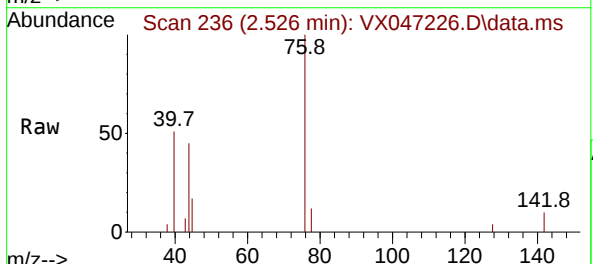
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS

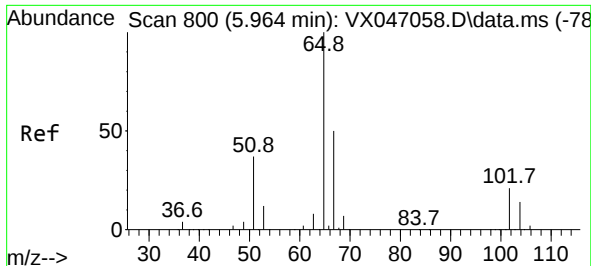
Tgt Ion: 43 Resp: 3721
Ion Ratio Lower Upper
43 100
58 39.3 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion: 76 Resp: 3602
Ion Ratio Lower Upper
76 100
78 11.6 7.0 10.4#

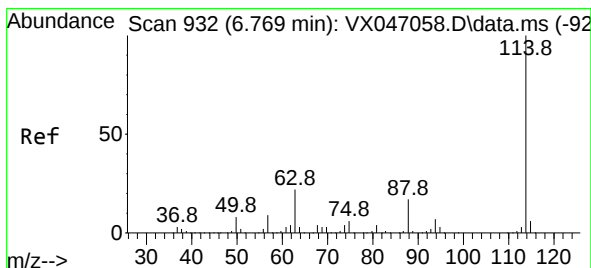
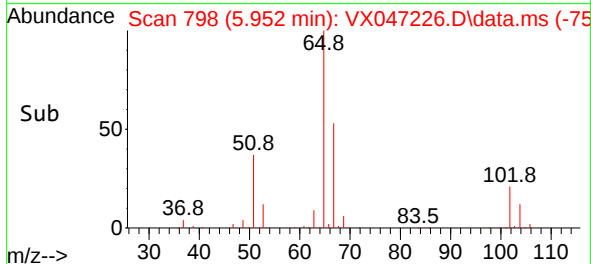
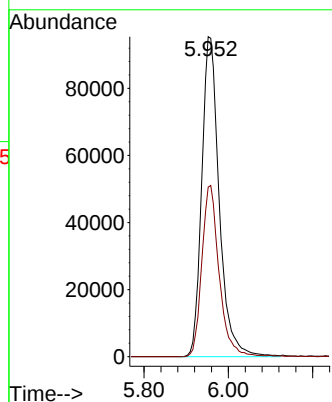
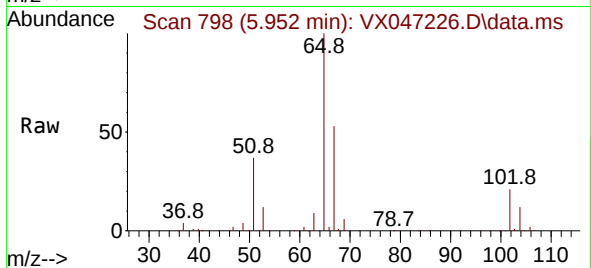




#33
 1,2-Dichloroethane-d4
 Concen: 53.284 ug/l
 RT: 5.952 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: VX047226.D
 Acq: 04 Aug 2025 14:44

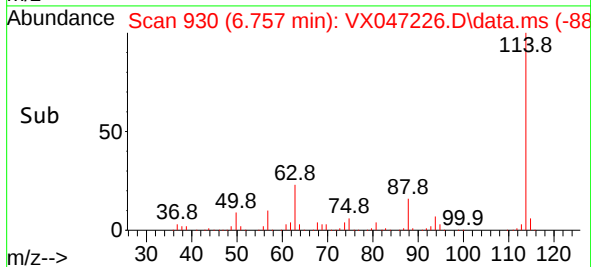
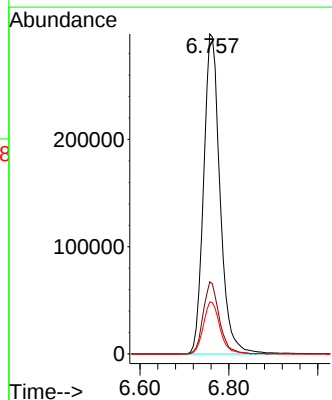
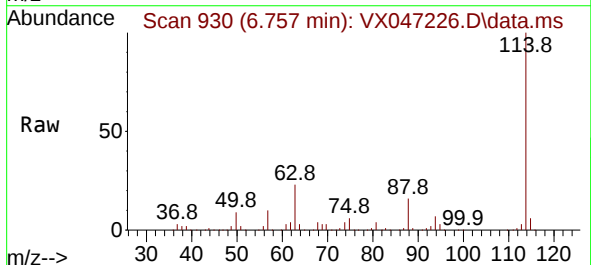
Instrument :
 MSVOA_X
 ClientSampleId :
 LIQUID-DRUMS

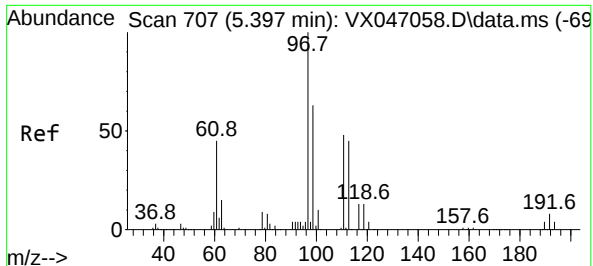
Tgt Ion: 65 Resp: 275802
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.012 min
 Lab File: VX047226.D
 Acq: 04 Aug 2025 14:44

Tgt Ion: 114 Resp: 767441
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 16.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.466 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047226.D

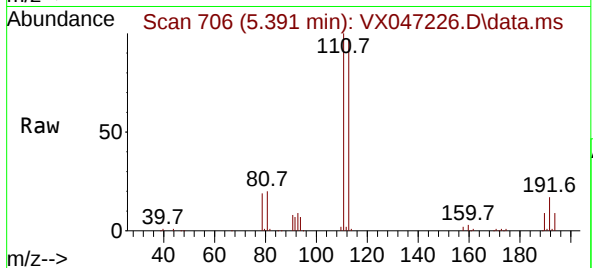
Acq: 04 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

LIQUID-DRUMS



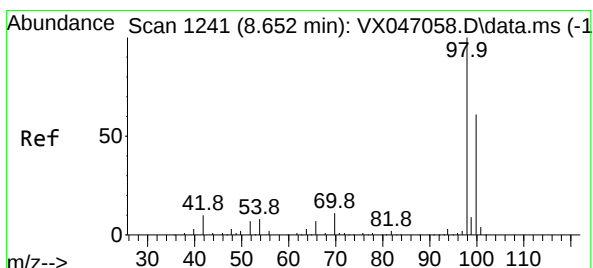
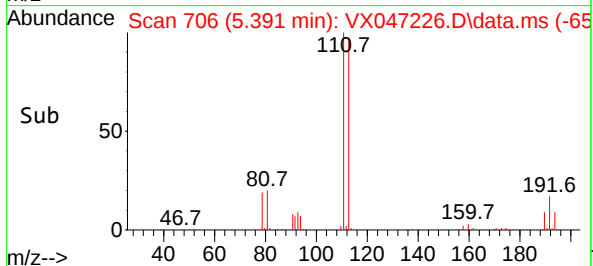
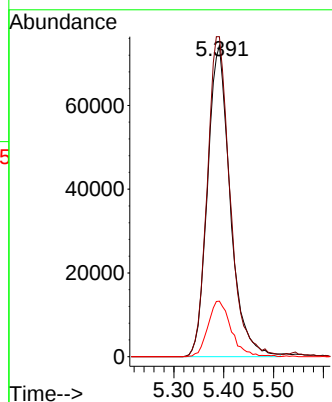
Tgt Ion:113 Resp: 234393

Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 18.3 14.9 22.3



#50

Toluene-d8

Concen: 55.137 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047226.D

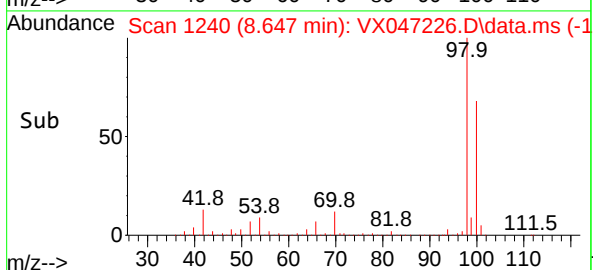
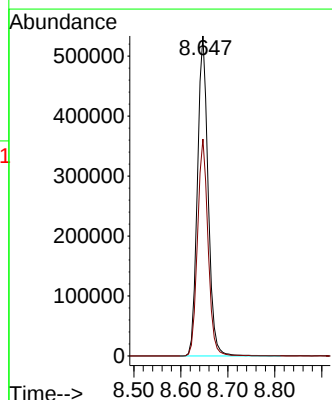
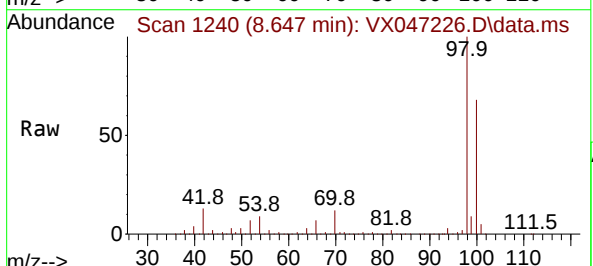
Acq: 04 Aug 2025 14:44

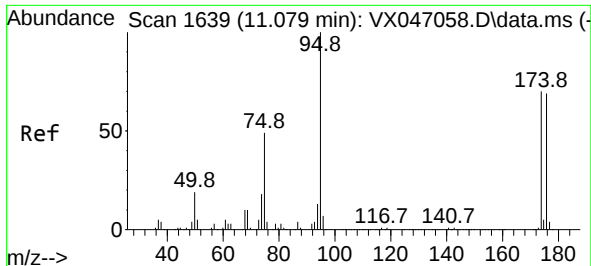
Tgt Ion: 98 Resp: 846092

Ion Ratio Lower Upper

98 100

100 66.9 53.3 79.9

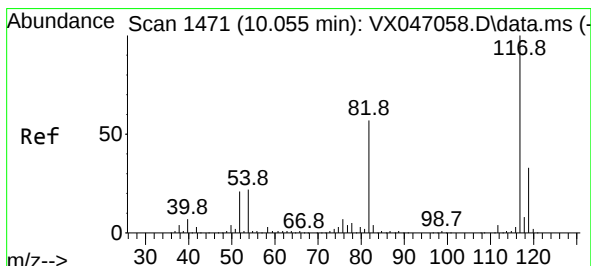
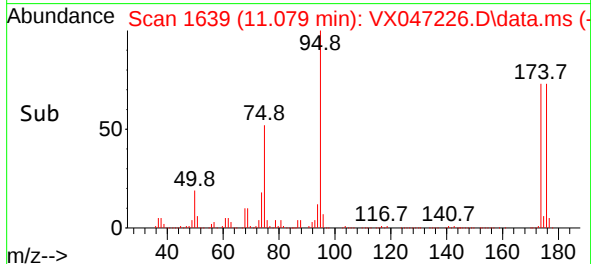
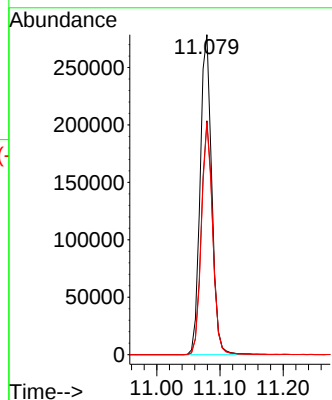
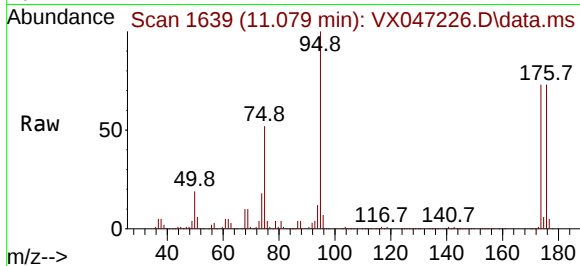




#62
4-Bromofluorobenzene
Concen: 53.739 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

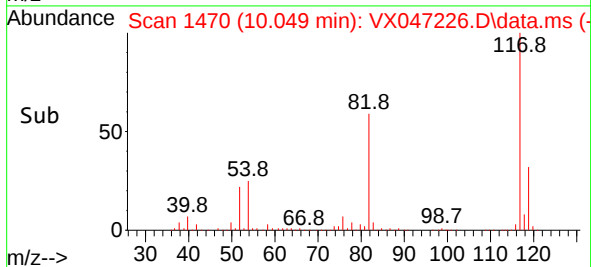
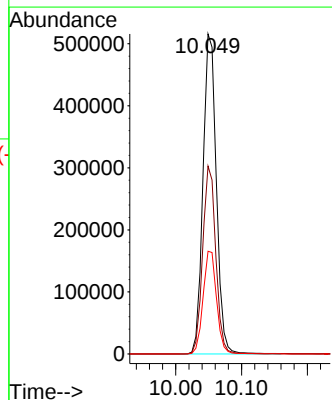
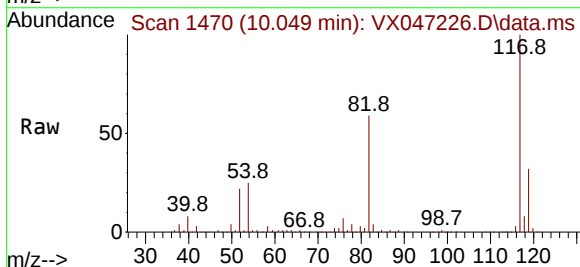
Instrument :
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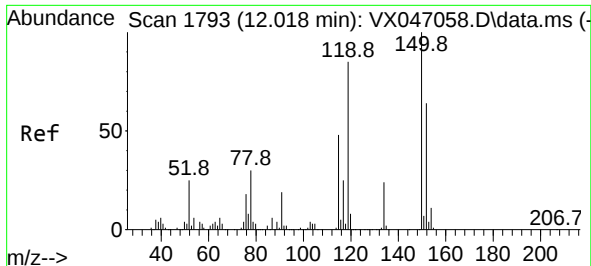
Tgt Ion: 95 Resp: 355377
Ion Ratio Lower Upper
95 100
174 71.8 0.0 144.6
176 70.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion: 117 Resp: 727115
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 32.1 26.1 39.1

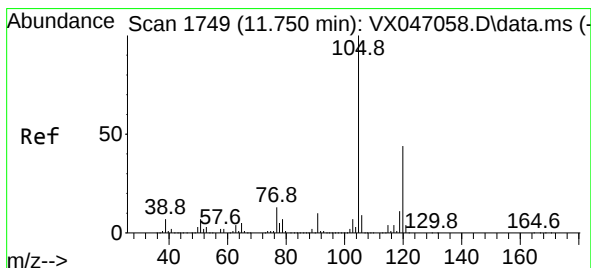
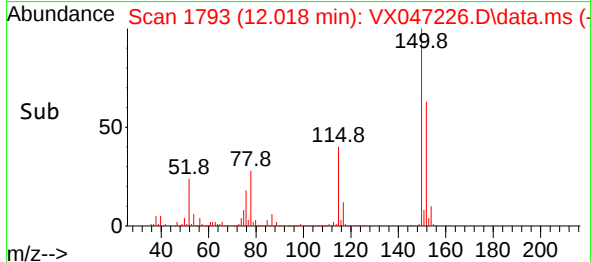
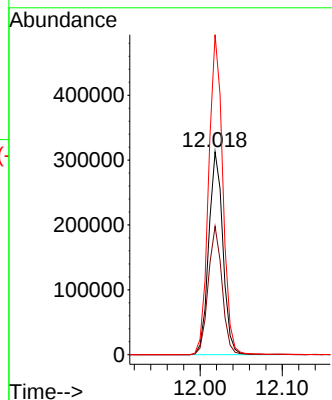
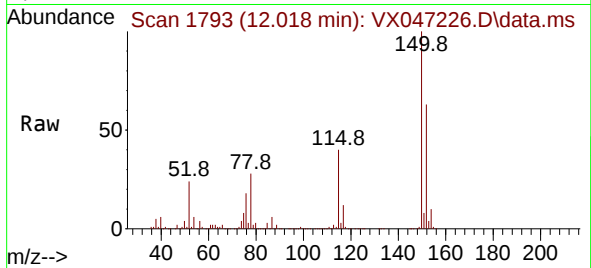




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VX047226.D
 Acq: 04 Aug 2025 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 372512
 Ion Ratio Lower Upper
 152 100
 115 61.9 45.6 136.7
 150 157.7 0.0 354.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.513 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX047226.D
 Acq: 04 Aug 2025 14:44

Tgt Ion:105 Resp: 12428
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.0 66.0

