

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047225.D
 Acq On : 04 Aug 2025 13:41
 Operator : JC/MD
 Sample : Q2753-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 289

Quant Time: Aug 05 02:58:40 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)

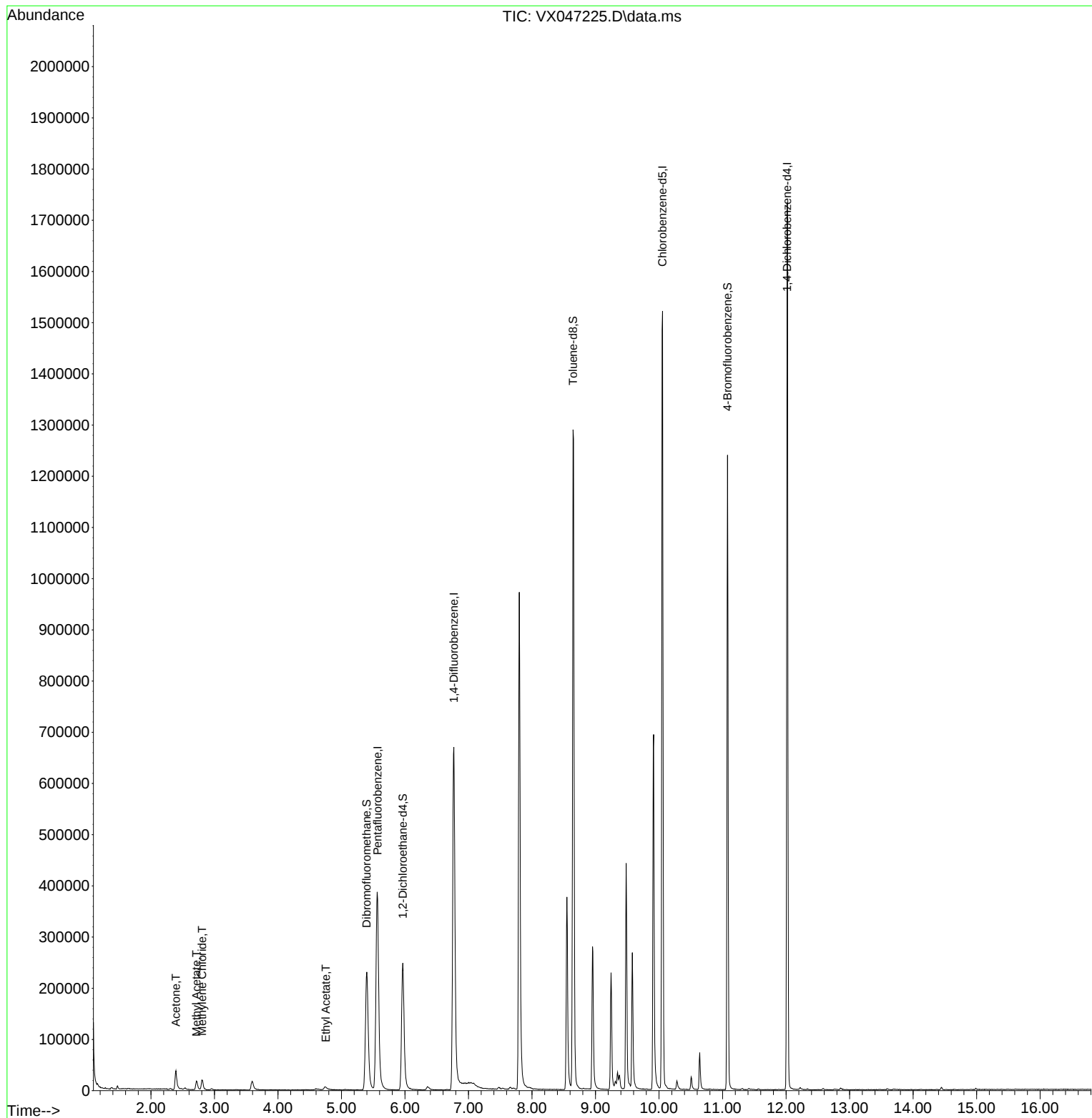
Internal Standards						
1) Pentafluorobenzene	5.568	168	379912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	722601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	684935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	342521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	258949	54.717	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.440%		
35) Dibromofluoromethane	5.397	113	216905	48.616	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.240%		
50) Toluene-d8	8.647	98	791546	54.783	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.560%		
62) 4-Bromofluorobenzene	11.079	95	326596	52.452	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.900%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	52796	27.848	ug/l	99
18) Methyl Acetate	2.715	43	25798	5.120	ug/l	95
20) Methylene Chloride	2.806	84	9959	1.909	ug/l	95
37) Ethyl Acetate	4.751	43	10920	1.558	ug/l	99

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

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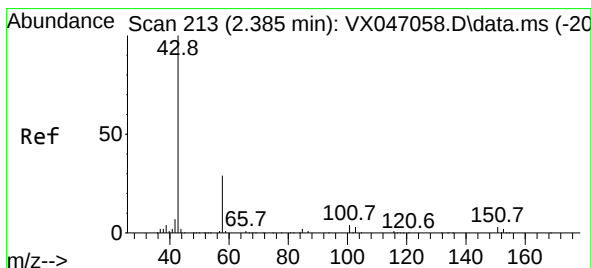
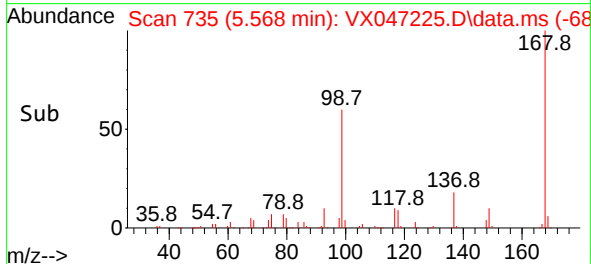
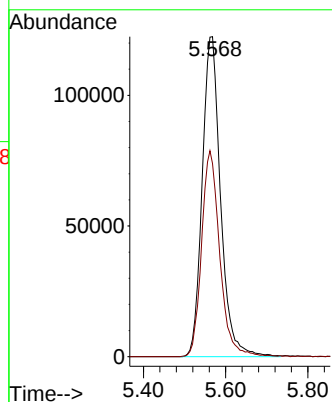
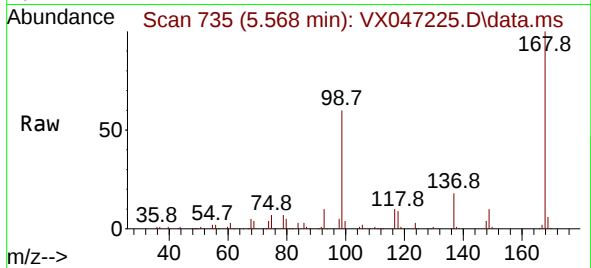




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047225.D
Acq: 04 Aug 2025 13:41

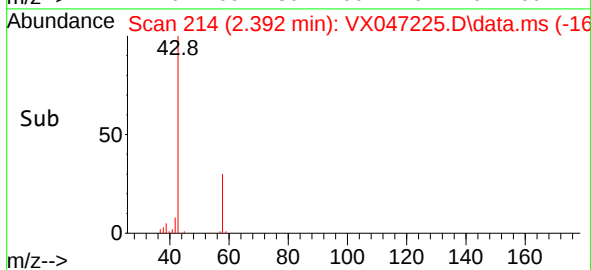
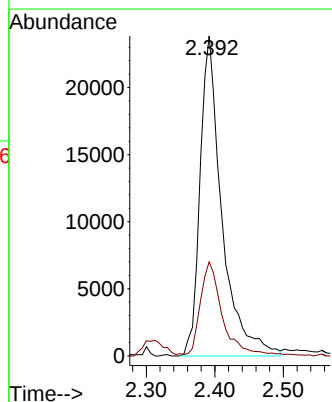
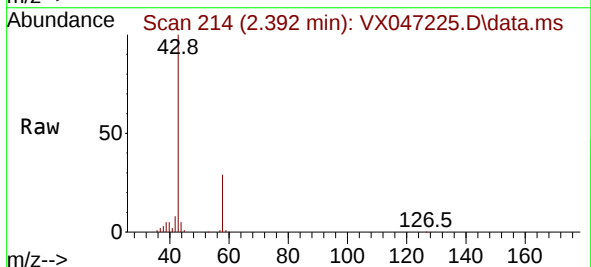
Instrument :
MSVOA_X
ClientSampleId :
289

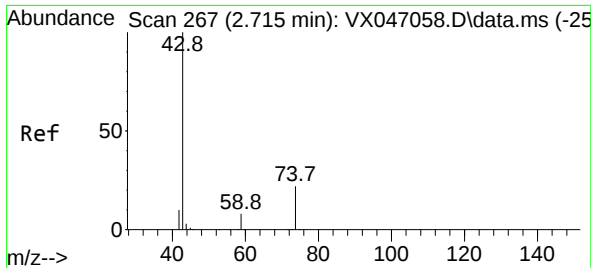
Tgt Ion:168 Resp: 379912
Ion Ratio Lower Upper
168 100
99 60.3 48.0 72.0



#16
Acetone
Concen: 27.848 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047225.D
Acq: 04 Aug 2025 13:41

Tgt Ion: 43 Resp: 52796
Ion Ratio Lower Upper
43 100
58 29.2 24.0 36.0

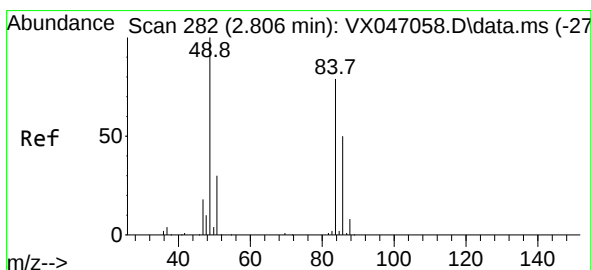
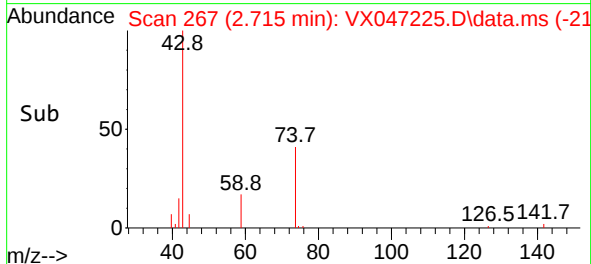
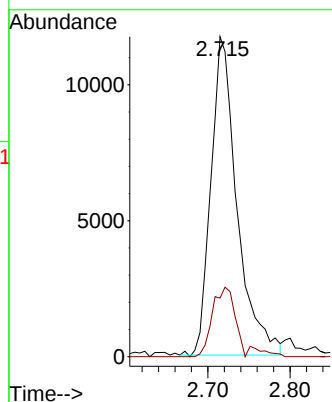
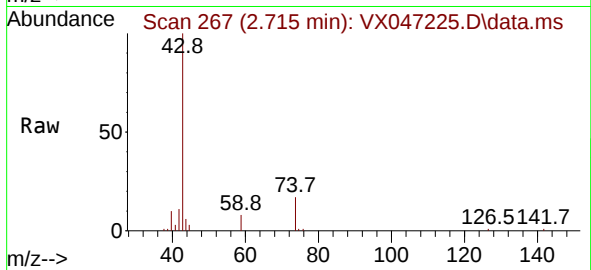




#18
Methyl Acetate
Concen: 5.120 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047225.D
Acq: 04 Aug 2025 13:41

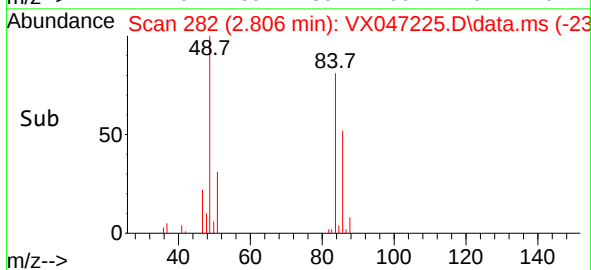
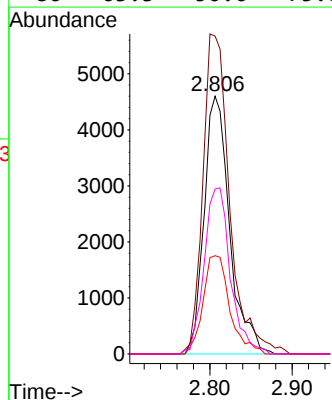
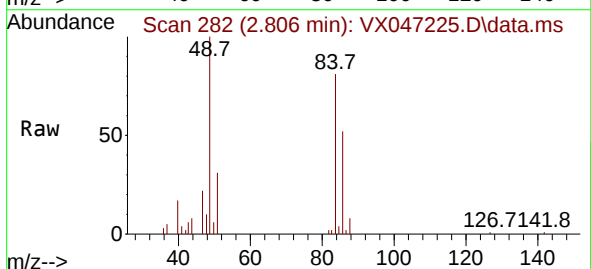
Instrument :
MSVOA_X
ClientSampleId :
289

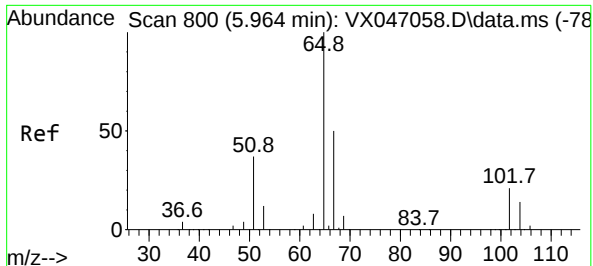
Tgt Ion: 43 Resp: 25798
Ion Ratio Lower Upper
43 100
74 19.7 17.7 26.5



#20
Methylene Chloride
Concen: 1.909 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047225.D
Acq: 04 Aug 2025 13:41

Tgt Ion: 84 Resp: 9959
Ion Ratio Lower Upper
84 100
49 117.7 101.6 152.4
51 36.4 30.3 45.5
86 63.3 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 54.717 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047225.D

Acq: 04 Aug 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

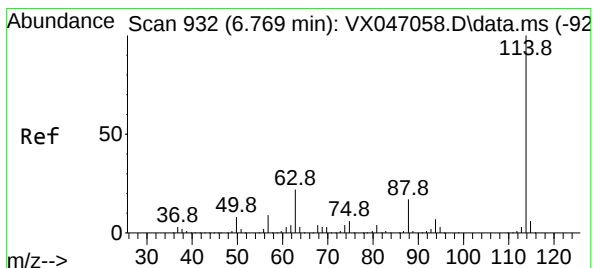
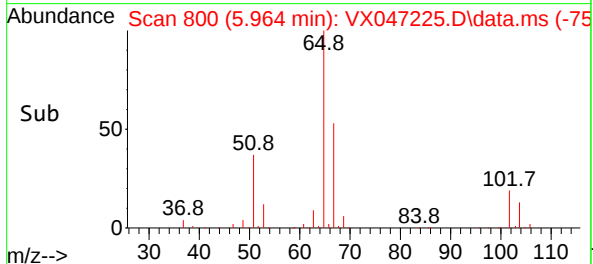
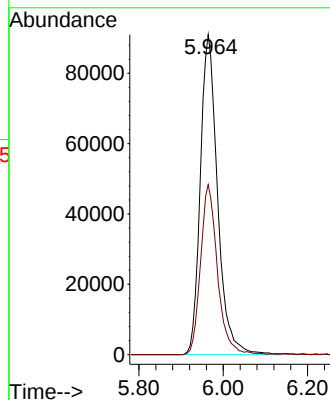
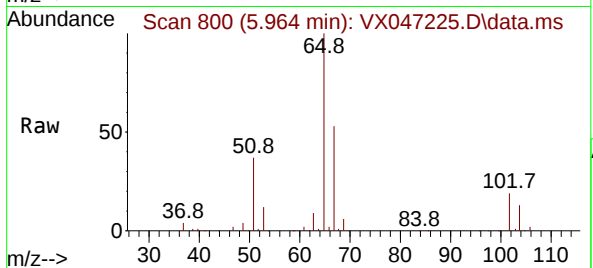
289

Tgt Ion: 65 Resp: 258949

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047225.D

Acq: 04 Aug 2025 13:41

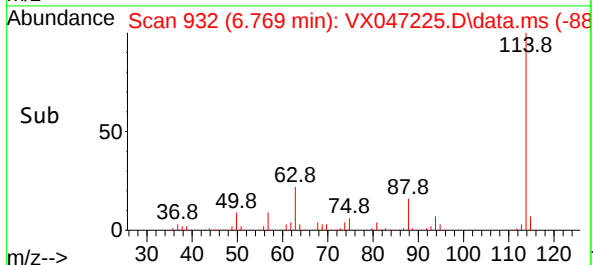
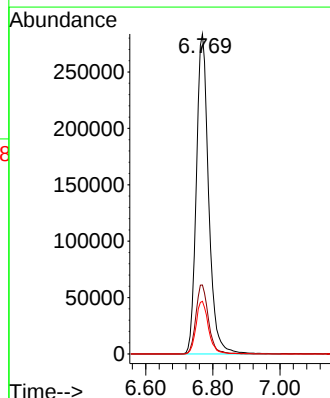
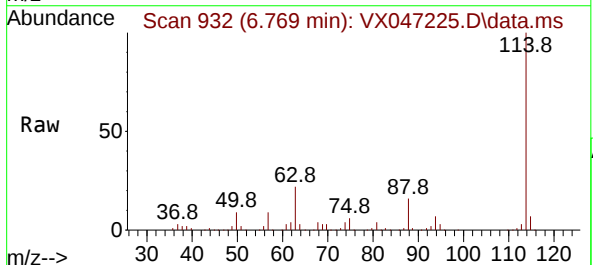
Tgt Ion: 114 Resp: 722601

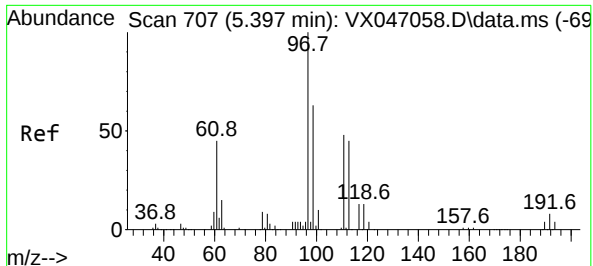
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.616 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047225.D

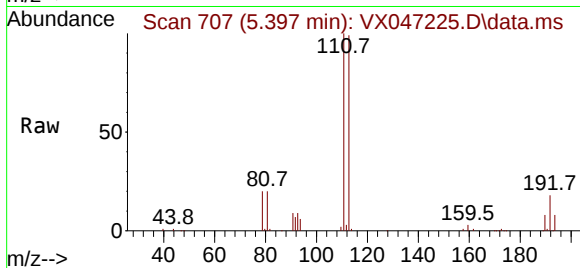
Acq: 04 Aug 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

289



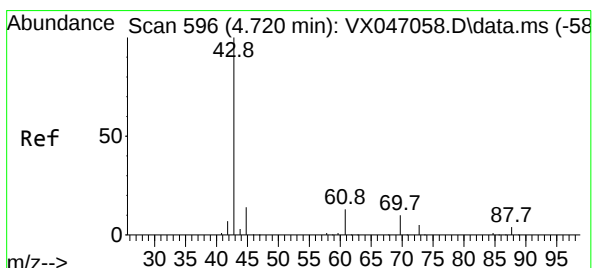
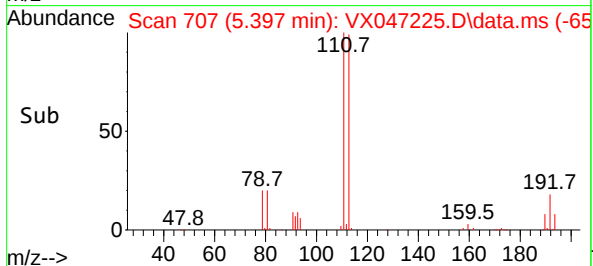
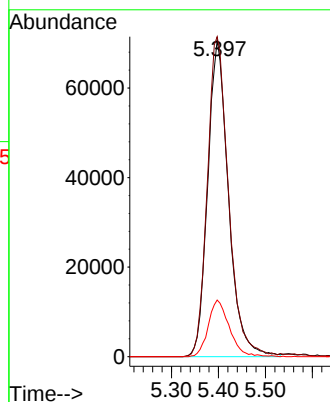
Tgt Ion:113 Resp: 216905

Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.2 14.9 22.3



#37

Ethyl Acetate

Concen: 1.558 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.031 min

Lab File: VX047225.D

Acq: 04 Aug 2025 13:41

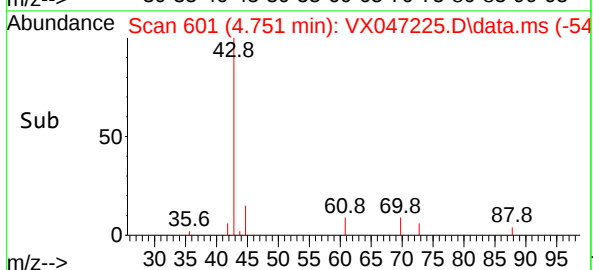
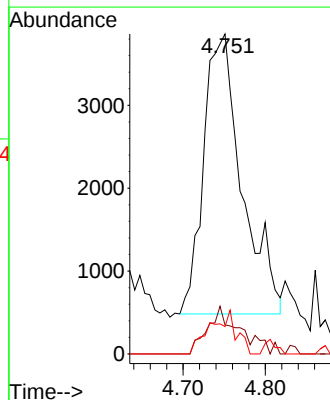
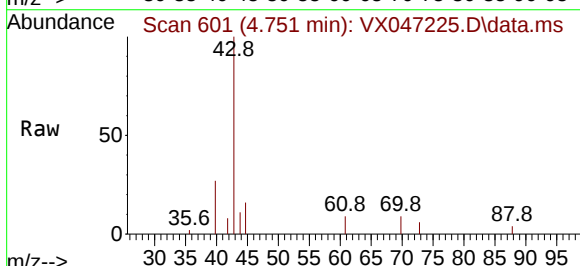
Tgt Ion: 43 Resp: 10920

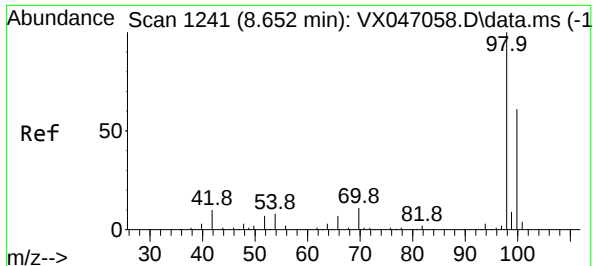
Ion Ratio Lower Upper

43 100

61 12.2 10.2 15.2

70 10.6 8.1 12.1

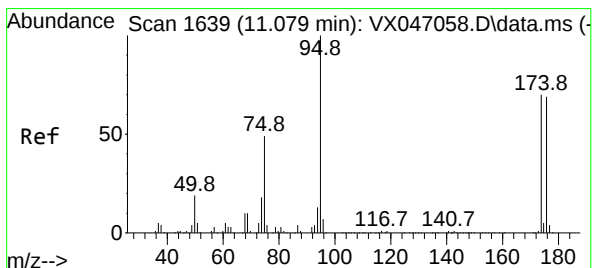
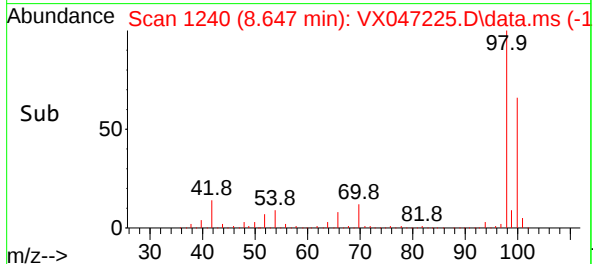
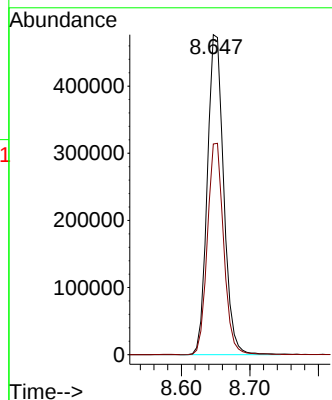
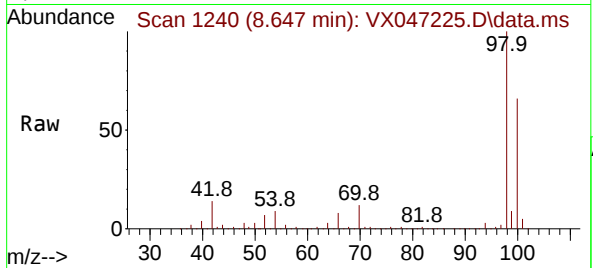




#50
Toluene-d8
Concen: 54.783 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047225.D
Acq: 04 Aug 2025 13:41

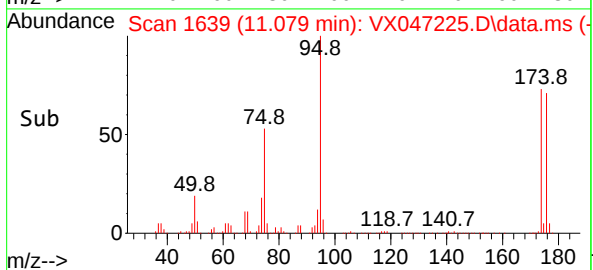
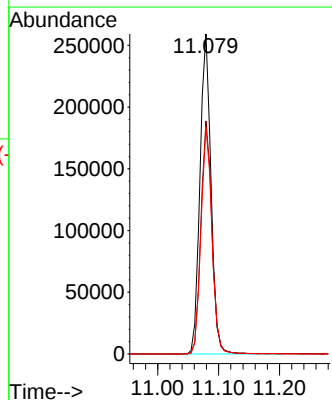
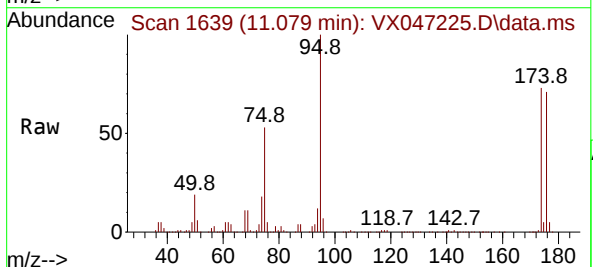
Instrument :
MSVOA_X
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289

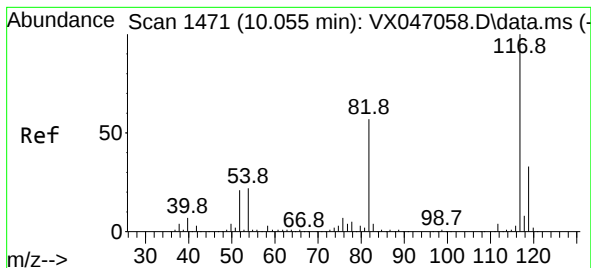
Tgt Ion: 98 Resp: 791546
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047225.D
Acq: 04 Aug 2025 13:41

Tgt Ion: 95 Resp: 326596
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 70.3 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047225.D

Acq: 04 Aug 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

289

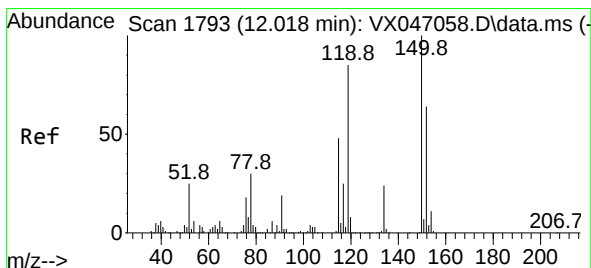
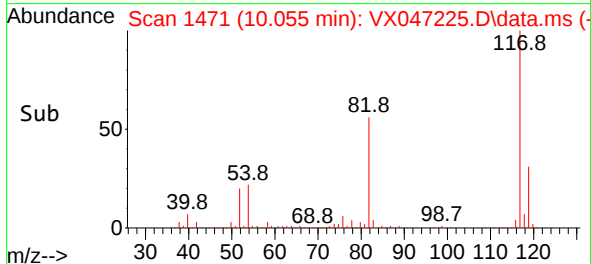
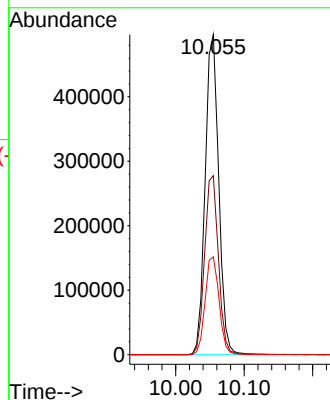
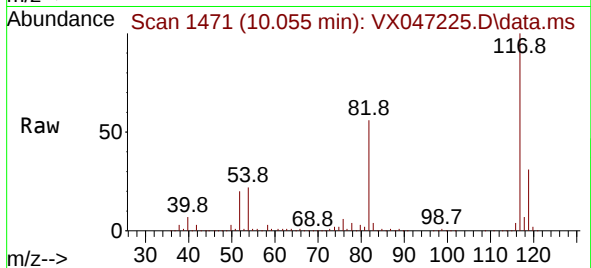
Tgt Ion:117 Resp: 684935

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.2

119 30.6 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: VX047225.D

Acq: 04 Aug 2025 13:41

Tgt Ion:152 Resp: 342521

Ion Ratio Lower Upper

152 100

115 62.6 45.6 136.7

150 157.2 0.0 354.6

