

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047099.D
 Acq On : 23 Jul 2025 17:57
 Operator : JC/MD
 Sample : Q2481-19 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-CLOXAL

Quant Time: Jul 24 05:55:50 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)

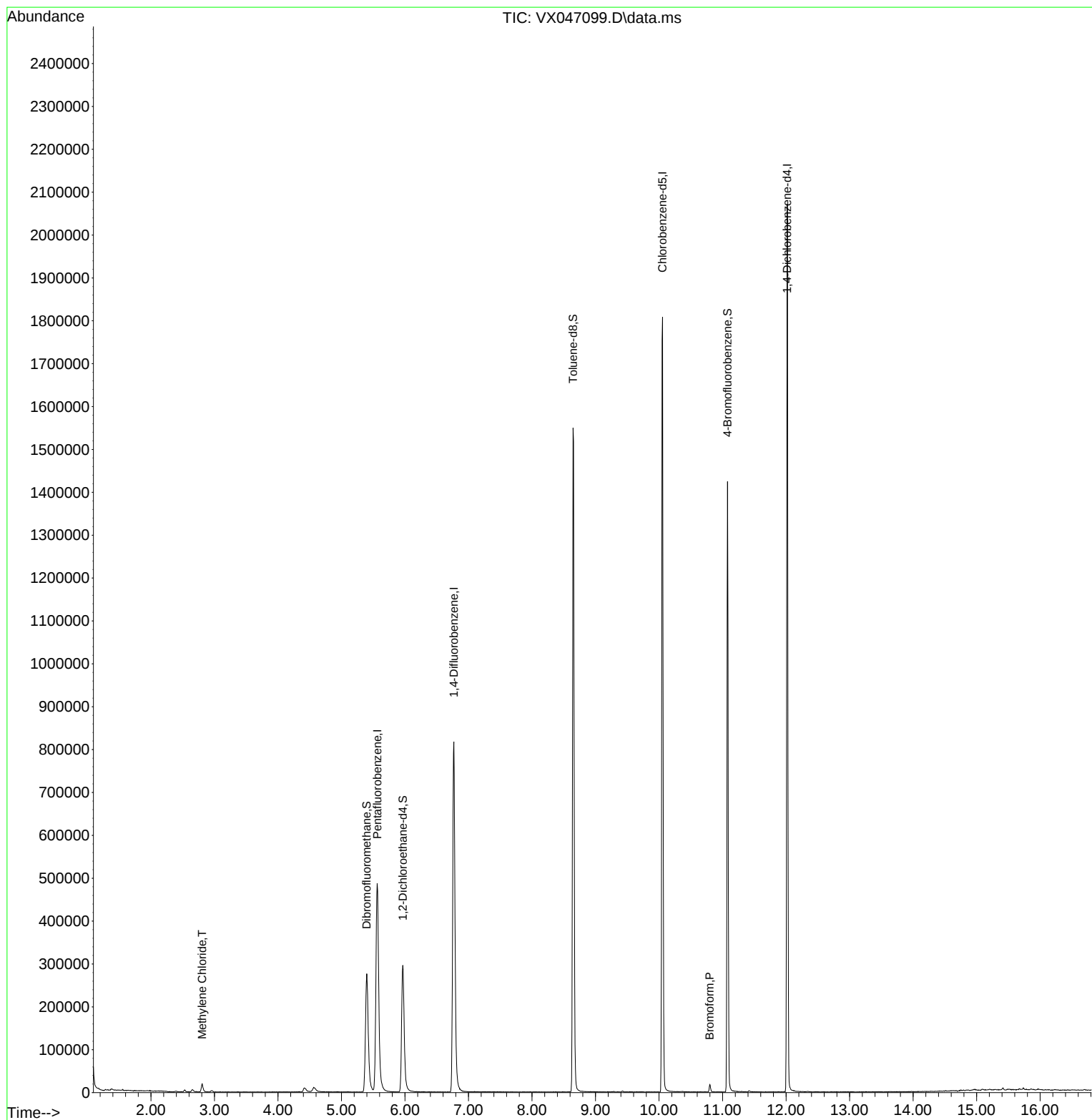
Internal Standards						
1) Pentafluorobenzene	5.562	168	488528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	872023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	813709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	404152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	317621	52.193	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.380%	
35) Dibromofluoromethane	5.397	113	260814	48.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.880%	
50) Toluene-d8	8.647	98	941158	53.976	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	11.079	95	389770	51.871	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.740%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.806	84	8846	1.319	ug/l	96
71) Bromoform	10.799	173	6944	1.424	ug/l #	98

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

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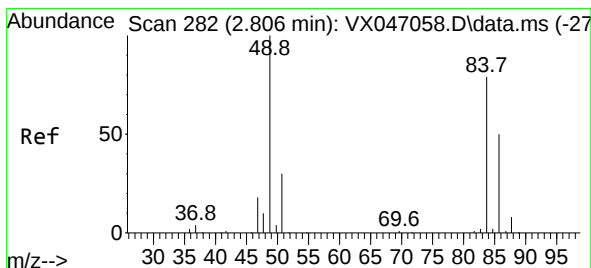
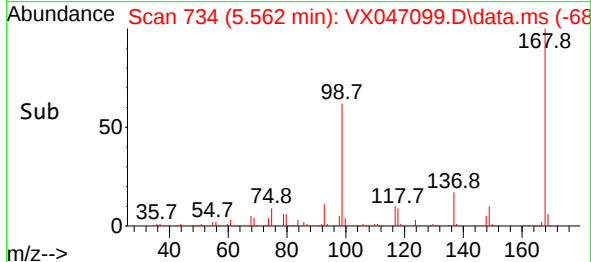
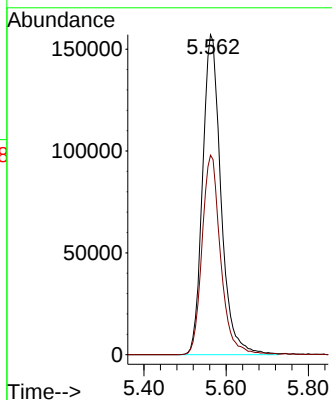
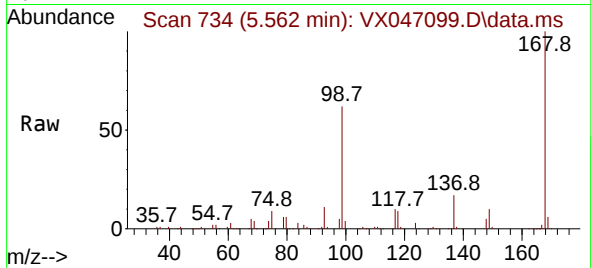




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

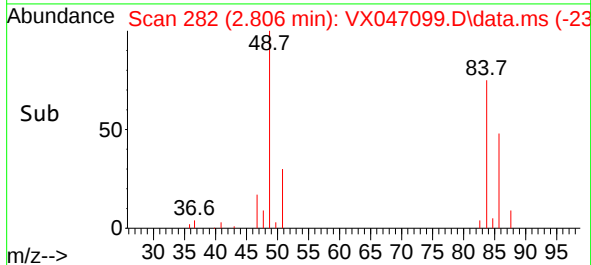
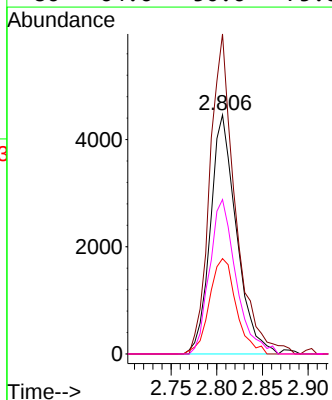
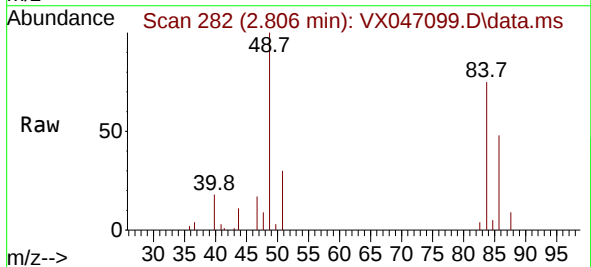
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

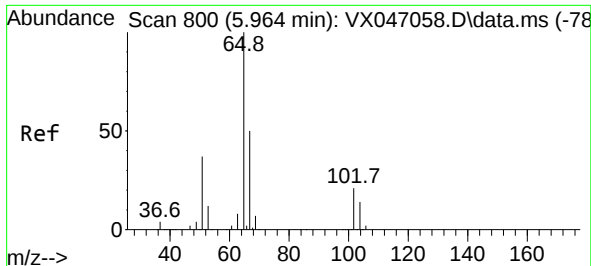
Tgt Ion:168 Resp: 488528
Ion Ratio Lower Upper
168 100
99 62.4 48.0 72.0



#20
Methylene Chloride
Concen: 1.319 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion: 84 Resp: 8846
Ion Ratio Lower Upper
84 100
49 133.9 101.6 152.4
51 39.9 30.3 45.5
86 64.6 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 52.193 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047099.D

Acq: 23 Jul 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

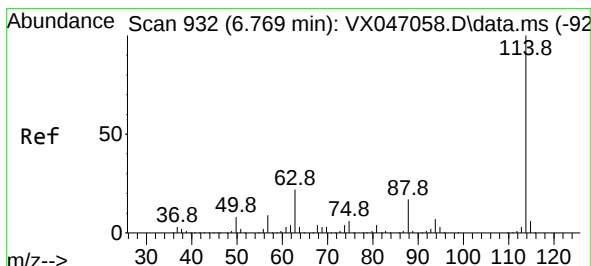
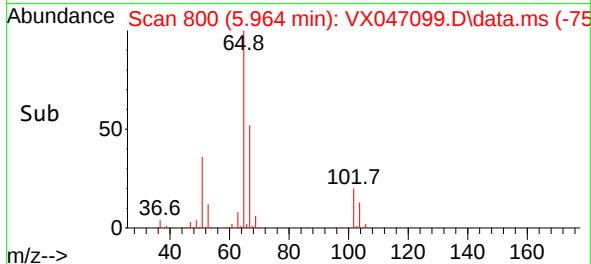
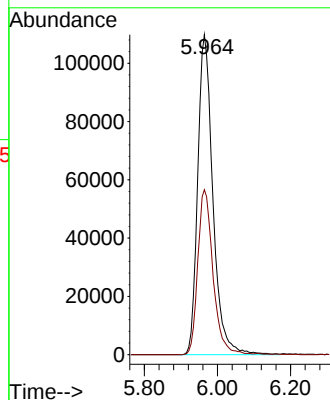
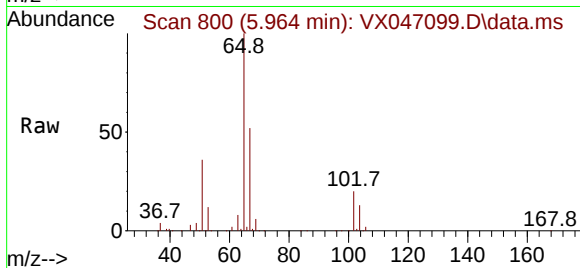
CC0627-CLOXAL

Tgt Ion: 65 Resp: 317621

Ion Ratio Lower Upper

65 100

67 51.6 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: VX047099.D

Acq: 23 Jul 2025 17:57

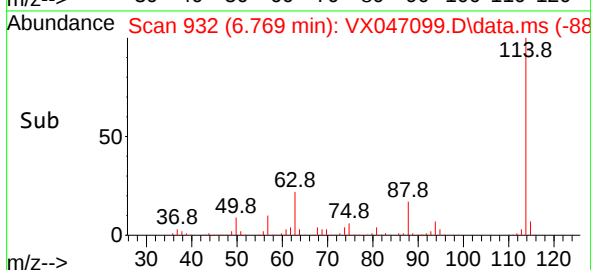
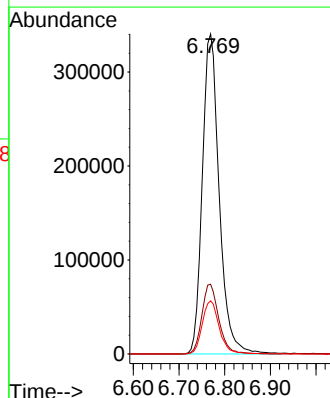
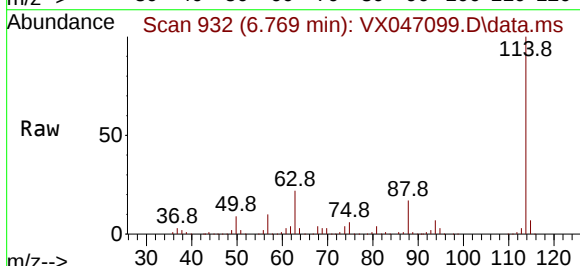
Tgt Ion: 114 Resp: 872023

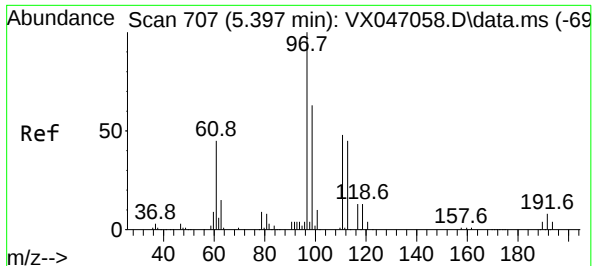
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.441 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047099.D

Acq: 23 Jul 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

CC0627-CLOXAL

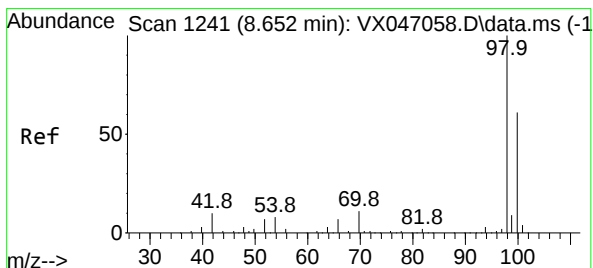
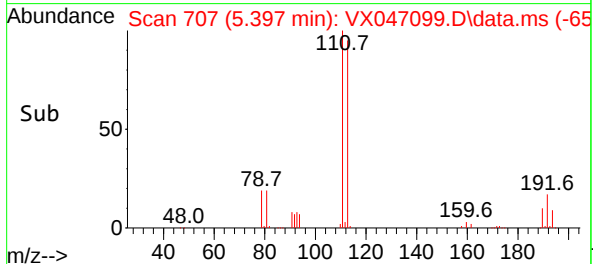
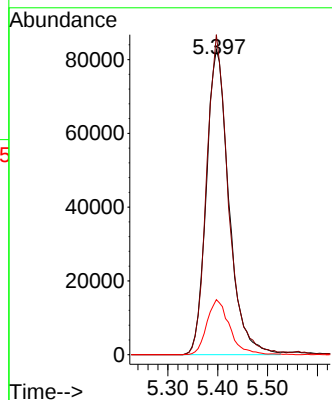
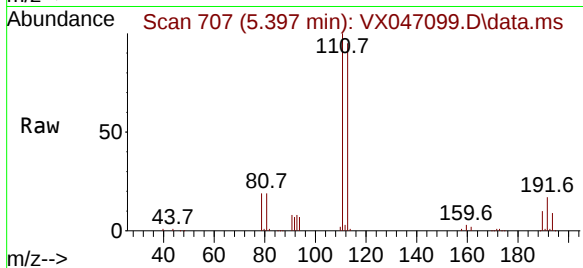
Tgt Ion:113 Resp: 260814

Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 18.1 14.9 22.3



#50

Toluene-d8

Concen: 53.976 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047099.D

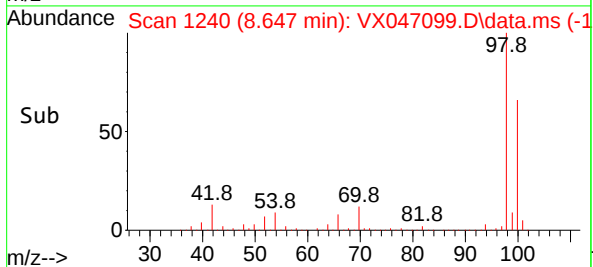
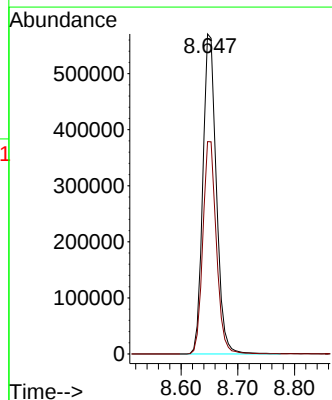
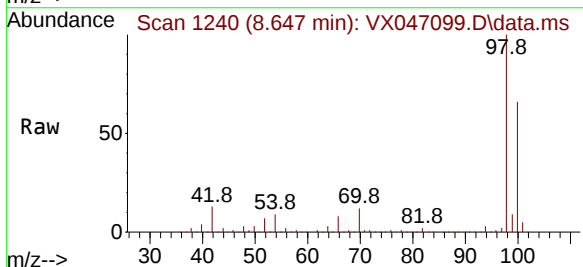
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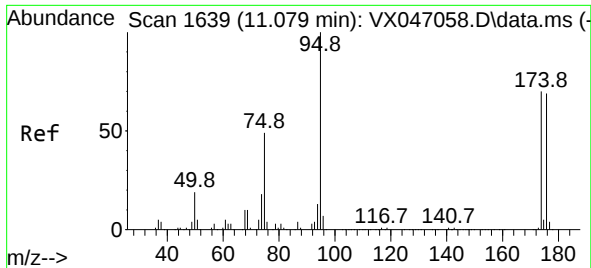
Tgt Ion: 98 Resp: 941158

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9

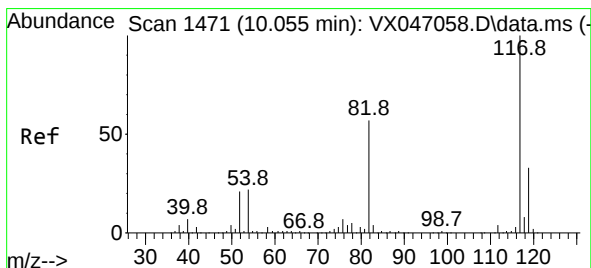
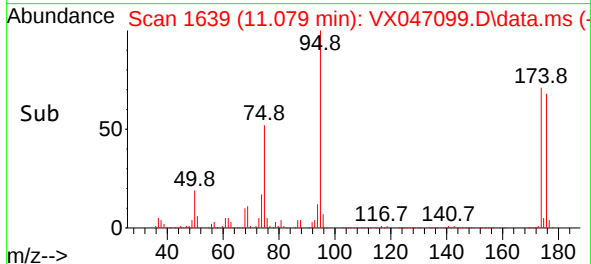
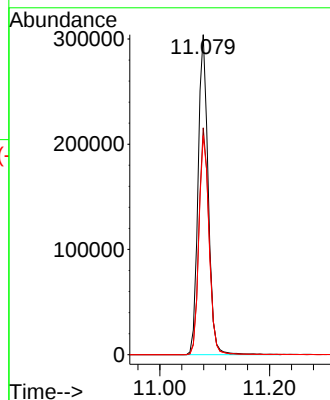
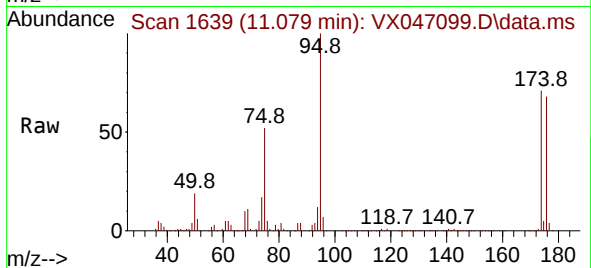




#62
4-Bromofluorobenzene
Concen: 51.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

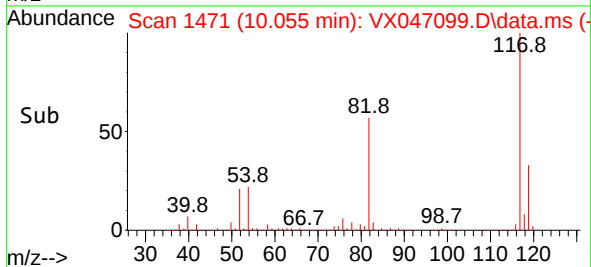
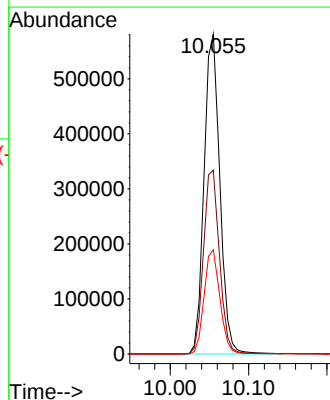
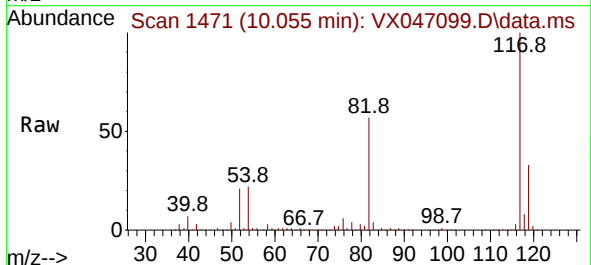
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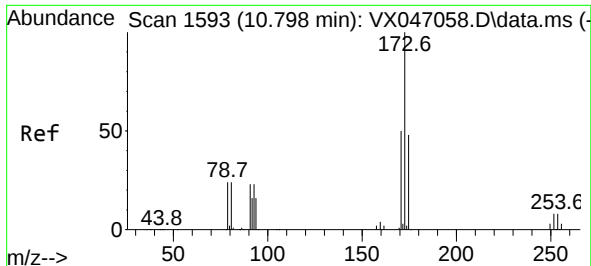
Tgt Ion: 95 Resp: 389770
Ion Ratio Lower Upper
95 100
174 70.8 0.0 144.6
176 69.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion: 117 Resp: 813709
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 32.5 26.1 39.1

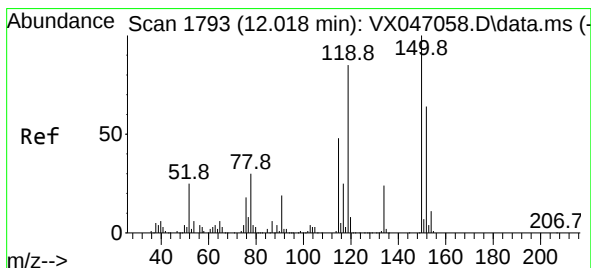
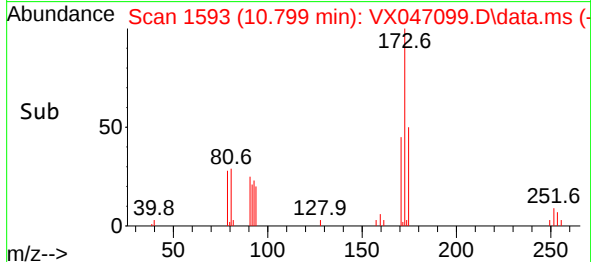
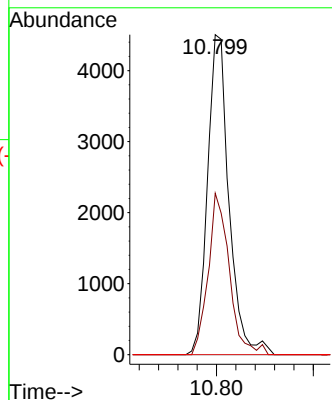
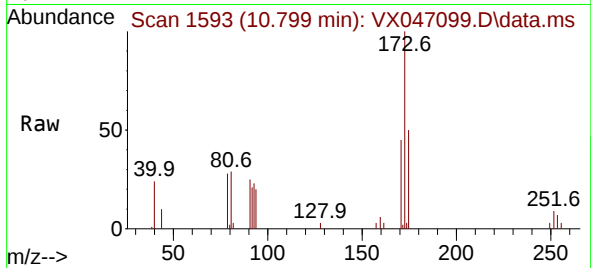




#71
Bromoform
Concen: 1.424 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Tgt Ion:173 Resp: 6944
Ion Ratio Lower Upper
173 100
175 49.8 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion:152 Resp: 404152
Ion Ratio Lower Upper
152 100
115 62.7 45.6 136.7
150 155.3 0.0 354.6

