

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047100.D
 Acq On : 23 Jul 2025 18:18
 Operator : JC/MD
 Sample : Q2481-13 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-CLOXPL

Quant Time: Jul 24 05:56:23 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)

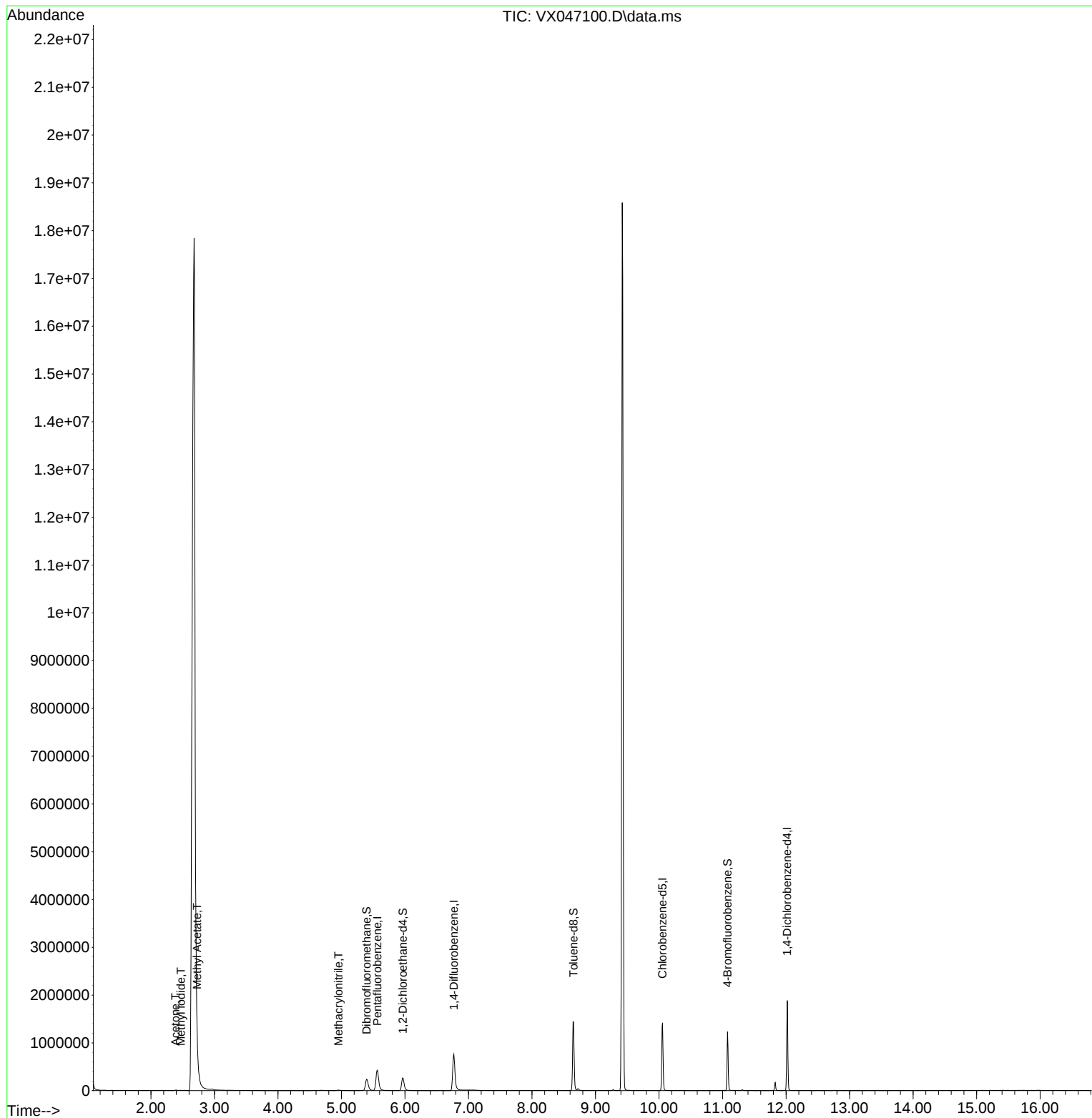
Internal Standards						
1) Pentafluorobenzene	5.562	168	429519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	796160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	637113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	363347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	286697	53.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.160%
35) Dibromofluoromethane	5.397	113	229898	46.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.540%
50) Toluene-d8	8.653	98	886100	55.661	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.320%
62) 4-Bromofluorobenzene	11.079	95	323357	47.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.260%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	8458	1.523	ug/l	99
16) Acetone	2.386	43	14902	6.952	ug/l	93
18) Methyl Acetate	2.727	43	29559	5.189	ug/l	100
41) Methacrylonitrile	4.952	41	11237	2.783	ug/l	93

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

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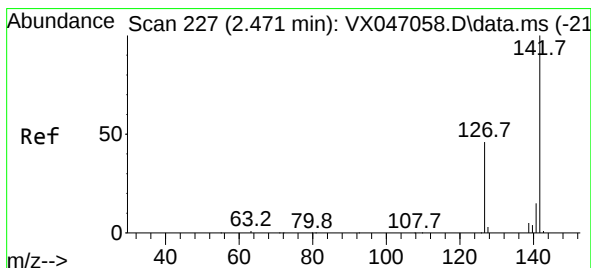
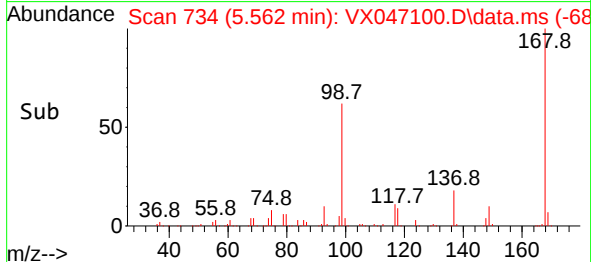
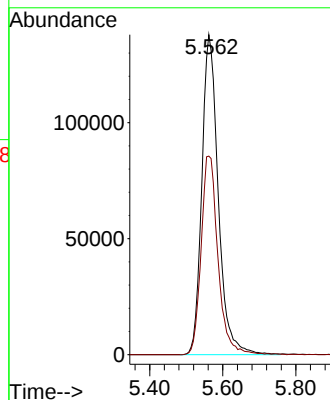
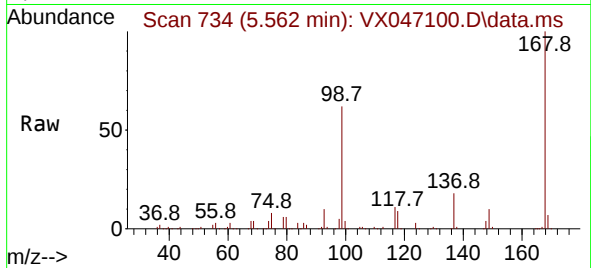




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

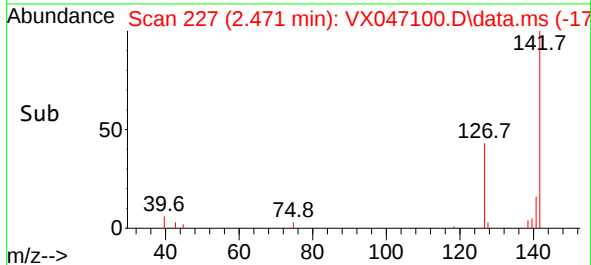
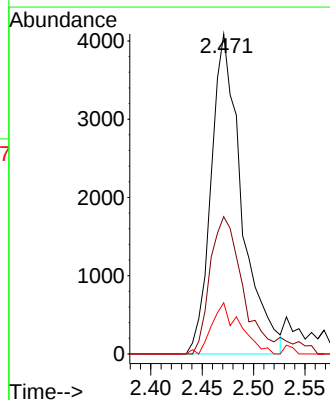
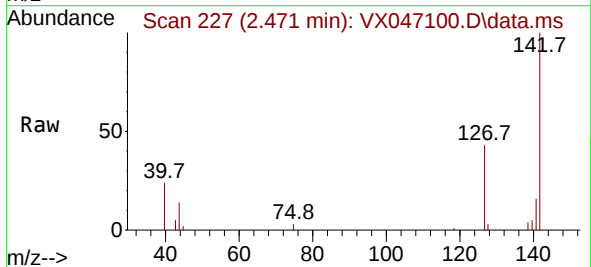
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

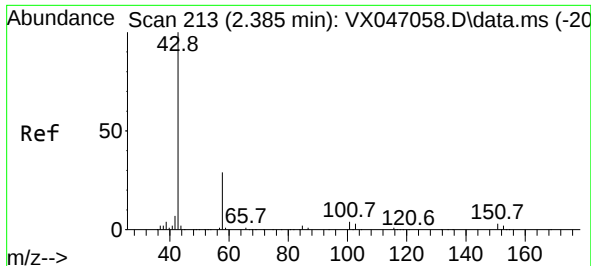
Tgt Ion:168 Resp: 429519
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0



#10
Methyl Iodide
Concen: 1.523 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion:142 Resp: 8458
Ion Ratio Lower Upper
142 100
127 45.2 36.6 54.8
141 14.9 10.9 16.3

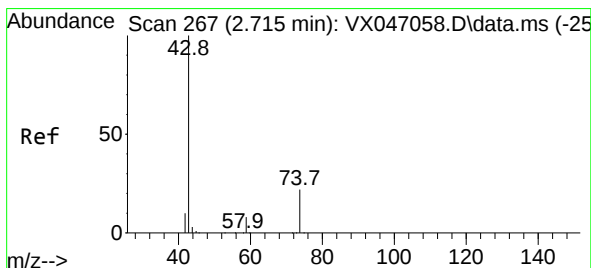
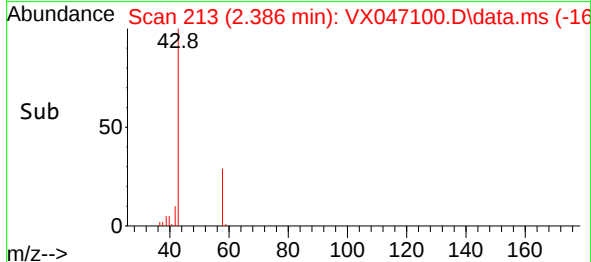
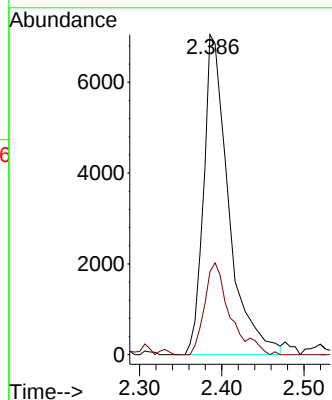
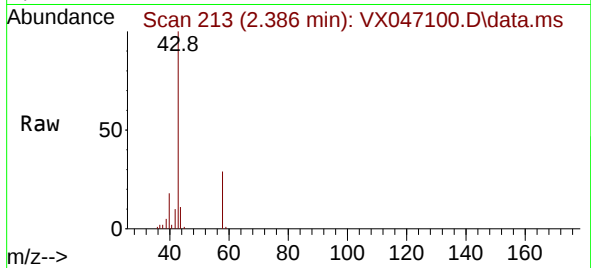




#16
Acetone
Concen: 6.952 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

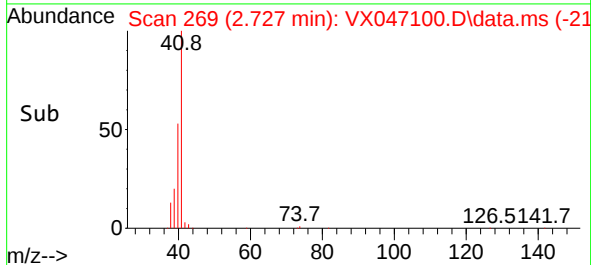
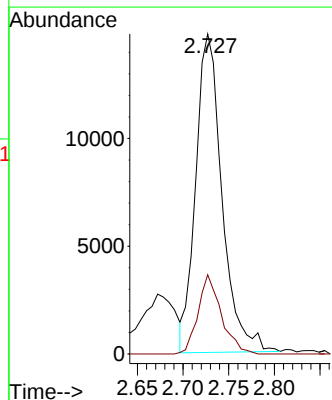
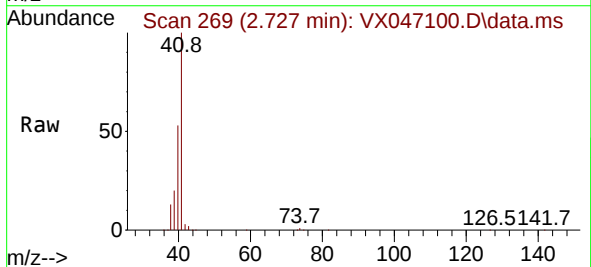
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

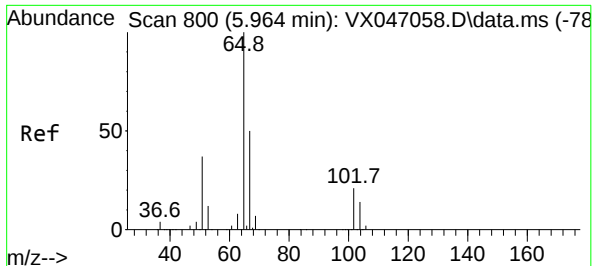
Tgt Ion: 43 Resp: 14902
Ion Ratio Lower Upper
43 100
58 26.0 24.0 36.0



#18
Methyl Acetate
Concen: 5.189 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion: 43 Resp: 29559
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 53.584 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047100.D

Acq: 23 Jul 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

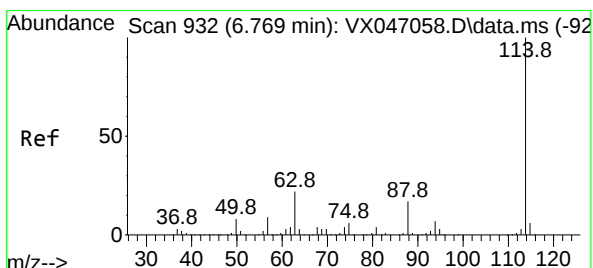
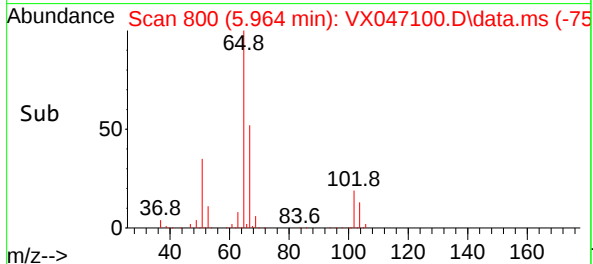
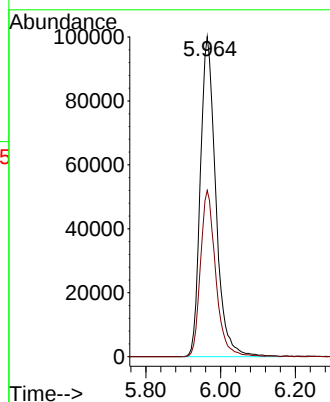
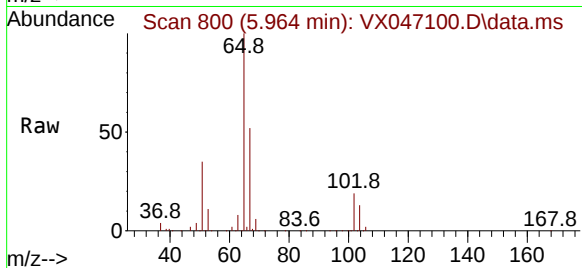
CC0627-CLOXPL

Tgt Ion: 65 Resp: 286697

Ion Ratio Lower Upper

65 100

67 51.3 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: VX047100.D

Acq: 23 Jul 2025 18:18

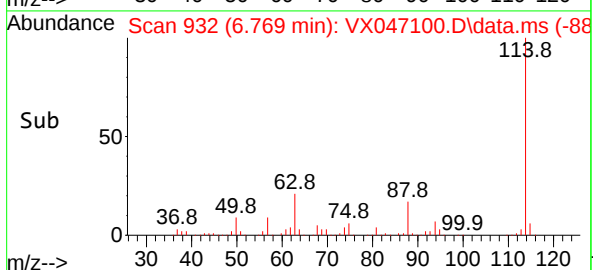
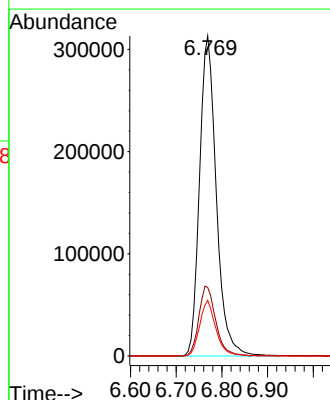
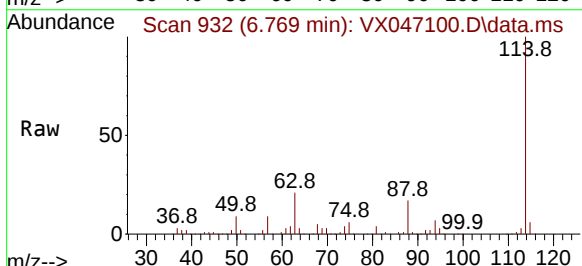
Tgt Ion: 114 Resp: 796160

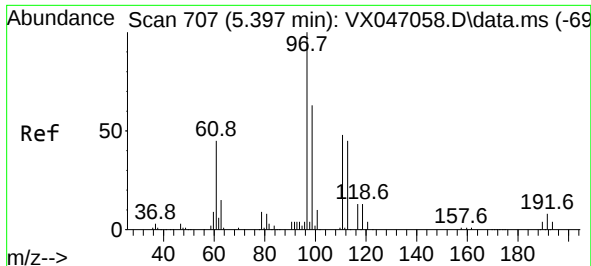
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.768 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047100.D

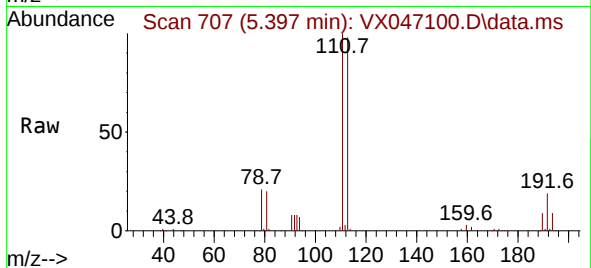
Acq: 23 Jul 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

CC0627-CLOXPL



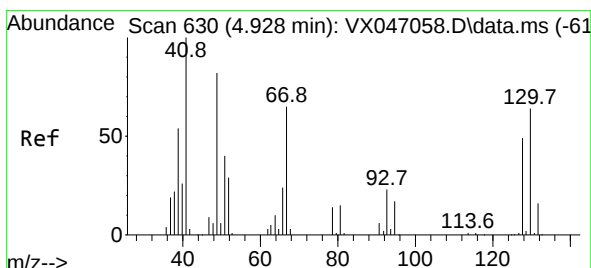
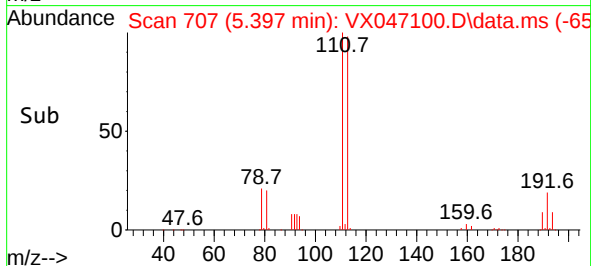
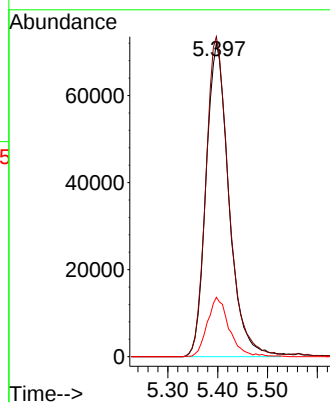
Tgt Ion:113 Resp: 229898

Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.2 14.9 22.3



#41

Methacrylonitrile

Concen: 2.783 ug/l

RT: 4.952 min Scan# 634

Delta R.T. 0.025 min

Lab File: VX047100.D

Acq: 23 Jul 2025 18:18

Tgt Ion: 41 Resp: 11237

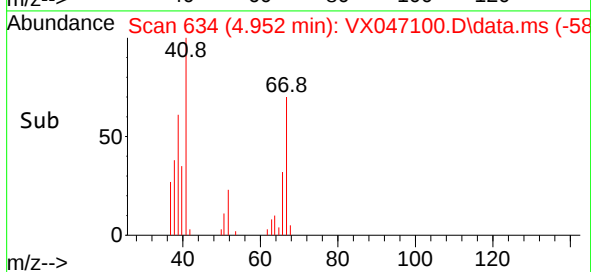
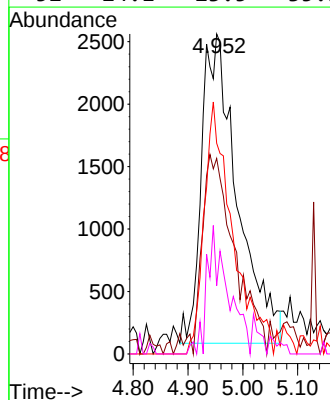
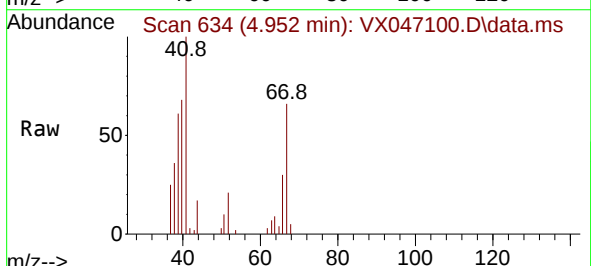
Ion Ratio Lower Upper

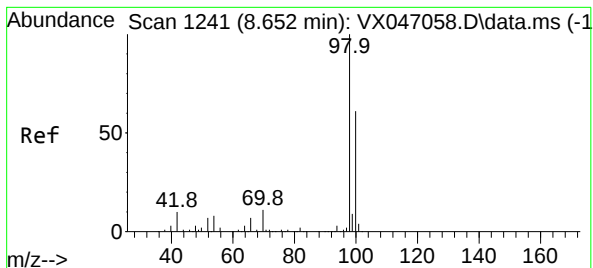
41 100

39 58.5 44.2 66.2

67 64.8 56.4 84.6

52 24.1 23.5 35.3





#50

Toluene-d8

Concen: 55.661 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047100.D

Acq: 23 Jul 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

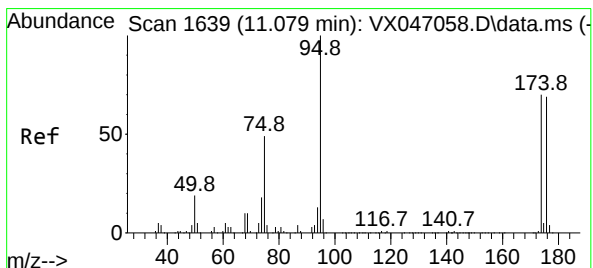
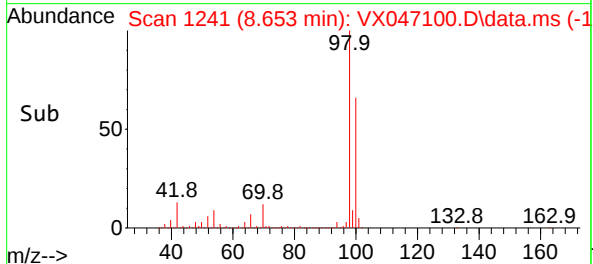
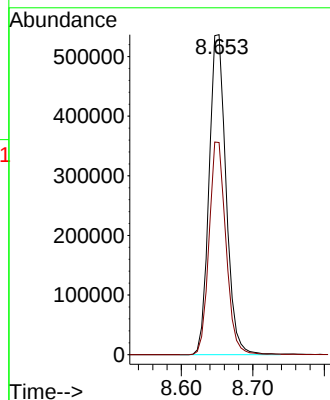
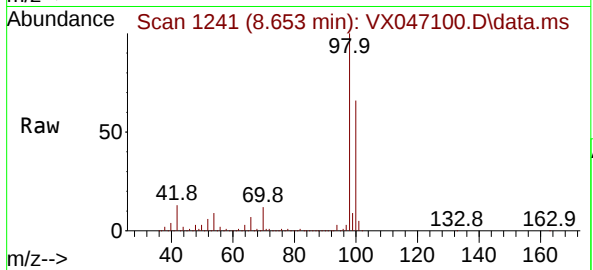
CC0627-CLOXPL

Tgt Ion: 98 Resp: 886100

Ion Ratio Lower Upper

98 100

100 66.0 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 47.134 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047100.D

Acq: 23 Jul 2025 18:18

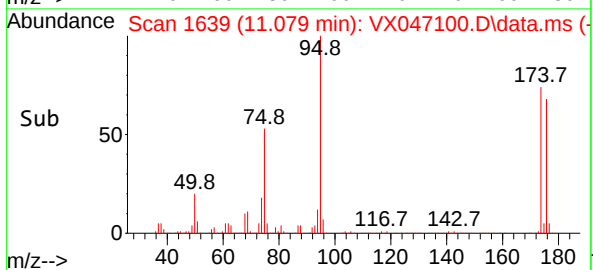
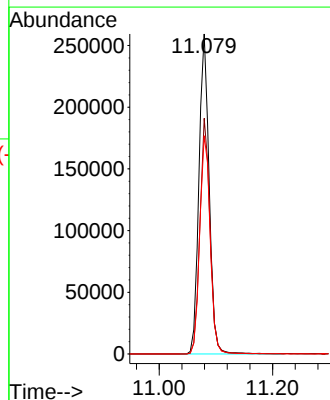
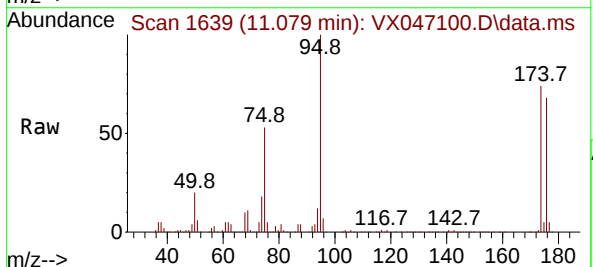
Tgt Ion: 95 Resp: 323357

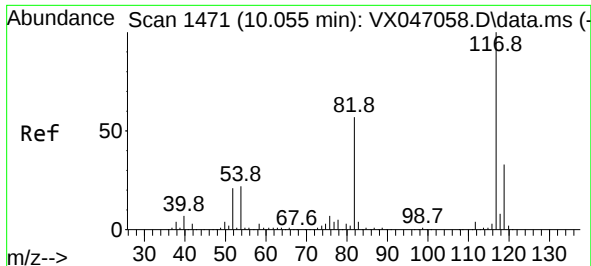
Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.6

176 69.8 0.0 139.6

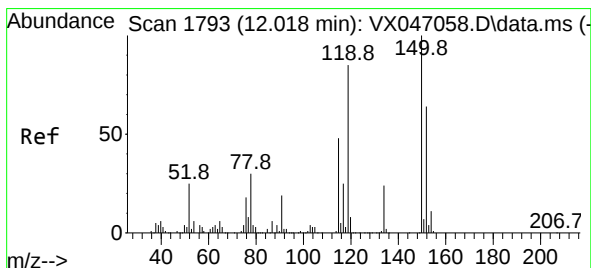
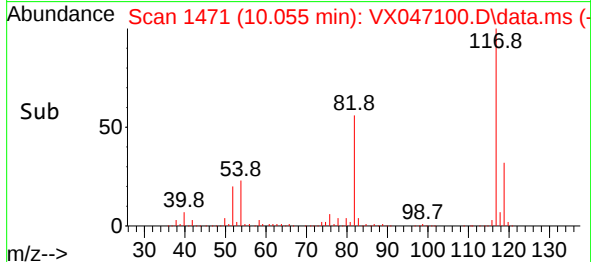
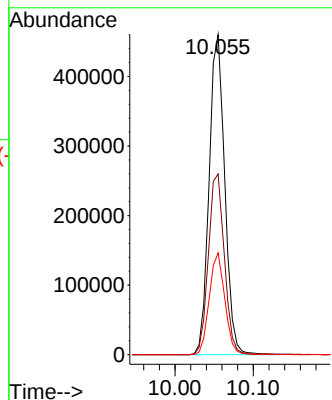
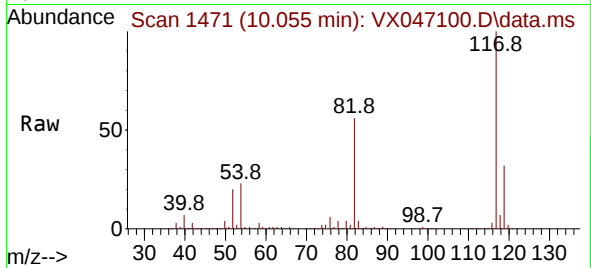




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 637113
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 31.8 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: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion:152 Resp: 363347
Ion Ratio Lower Upper
152 100
115 62.9 45.6 136.7
150 158.7 0.0 354.6

