

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047115.D
 Acq On : 24 Jul 2025 13:26
 Operator : JC/MD
 Sample : Q2481-13 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-CLOXPL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2025
 Supervised By : Mahesh Dadoda 07/25/2025

Quant Time: Jul 25 01:22:44 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	5.617	168	306378	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	6.812	114	578026	50.000	ug/l	0.04
63) Chlorobenzene-d5	10.079	117	434831	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.030	152	264294	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	193518	50.706	ug/l	0.07
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.420%			
35) Dibromofluoromethane	5.470	113	139773	39.164	ug/l	0.07
Spiked Amount 50.000	Range 75 - 124		Recovery = 78.320%			
50) Toluene-d8	8.671	98	648898	56.143	ug/l	0.02
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.280%#			
62) 4-Bromofluorobenzene	11.091	95	235736	47.329	ug/l	0.01
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.660%			
Target Compounds					Qvalue	
16) Acetone	2.398	43	631670m	413.153	ug/l	
41) Methacrylonitrile	5.062	41	840264m	286.679	ug/l	
52) Toluene	8.738	92	820403	75.785	ug/l	100

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

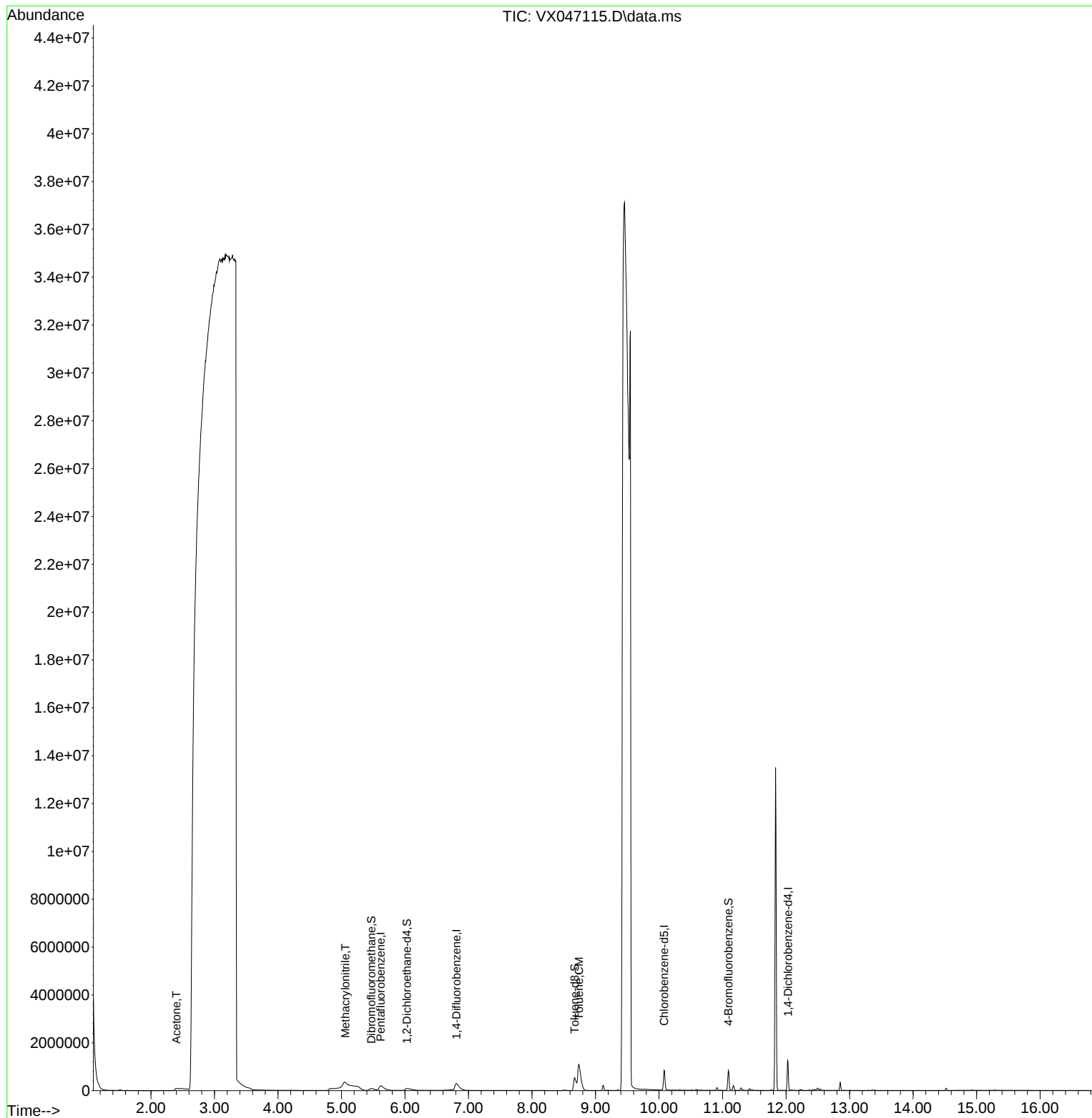
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047115.D
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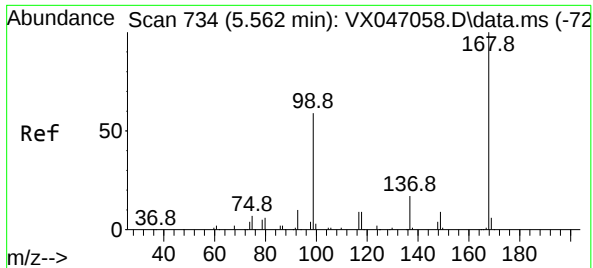
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration





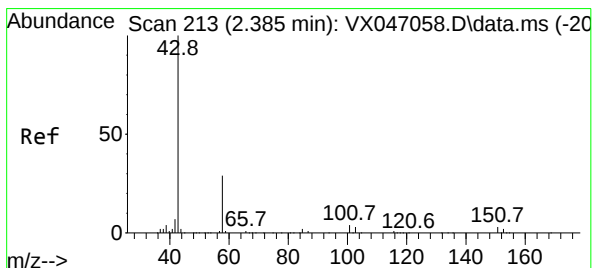
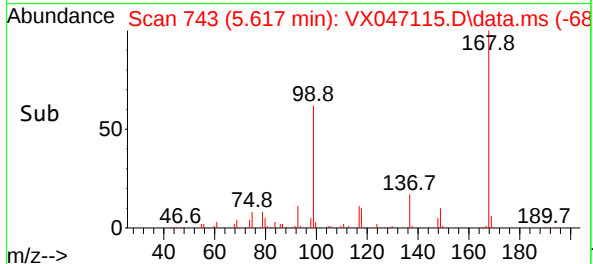
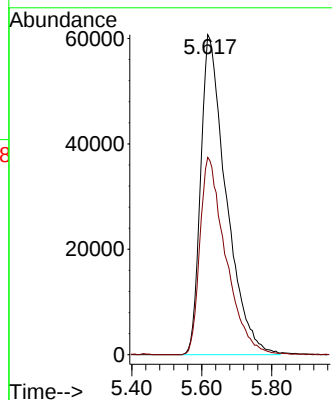
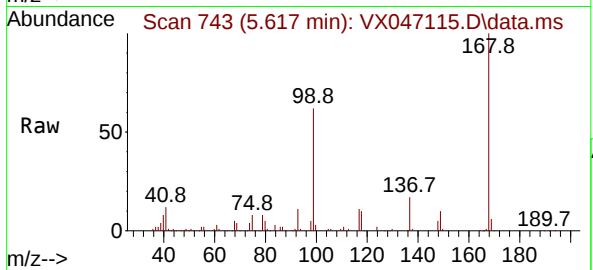
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.617 min Scan# 74
Delta R.T. 0.055 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Tgt Ion:168 Resp: 306378
Ion Ratio Lower Upper
168 100
99 61.6 48.0 72.0

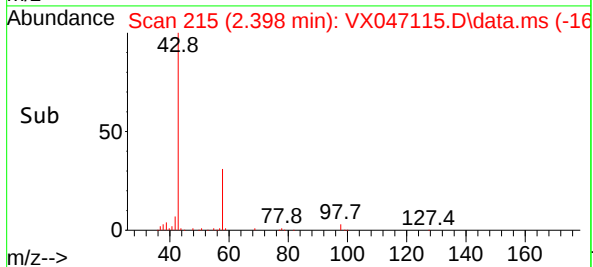
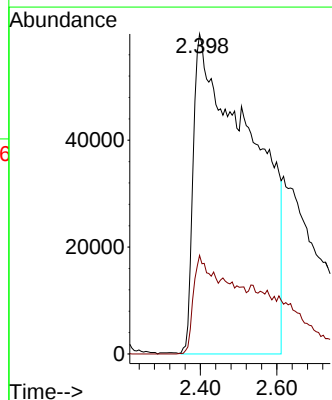
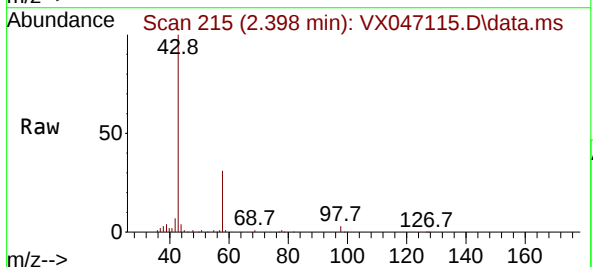
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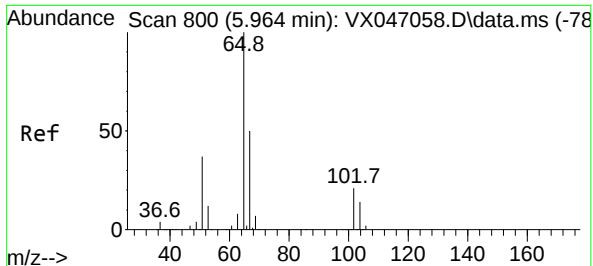
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#16
Acetone
Concen: 413.153 ug/l m
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion: 43 Resp: 631670
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 50.706 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.067 min

Lab File: VX047115.D

Acq: 24 Jul 2025 13:26

Instrument :

MSVOA_X

ClientSampleId :

CC0627-CLOXPL

Tgt Ion: 65 Resp: 193518

Ion Ratio Lower Upper

65 100

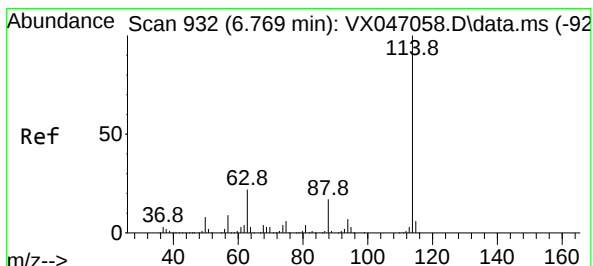
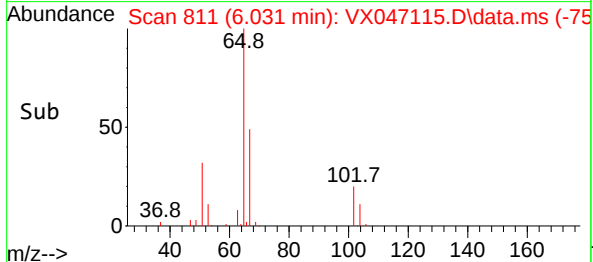
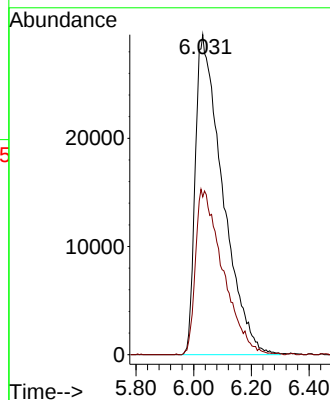
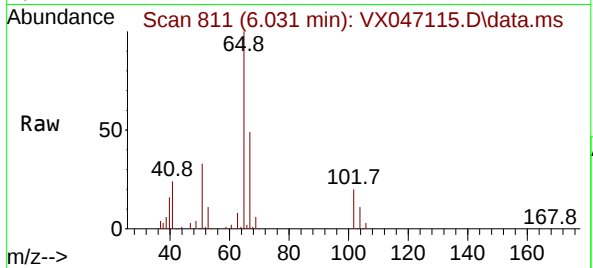
67 51.8 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.812 min Scan# 939

Delta R.T. 0.043 min

Lab File: VX047115.D

Acq: 24 Jul 2025 13:26

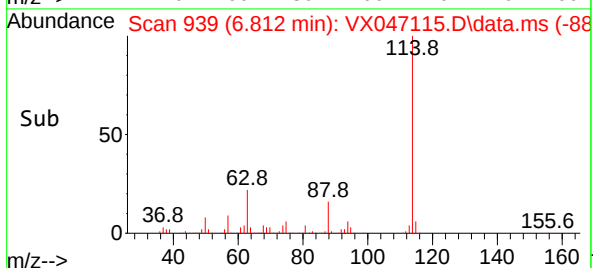
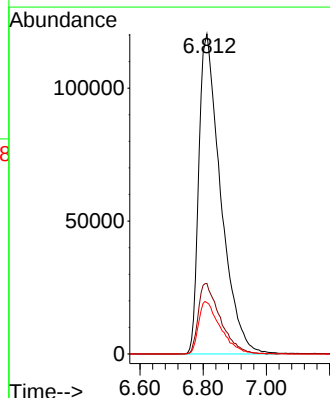
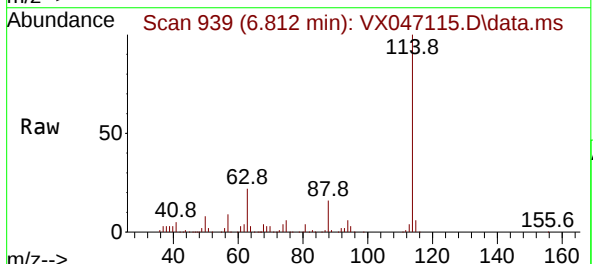
Tgt Ion:114 Resp: 578026

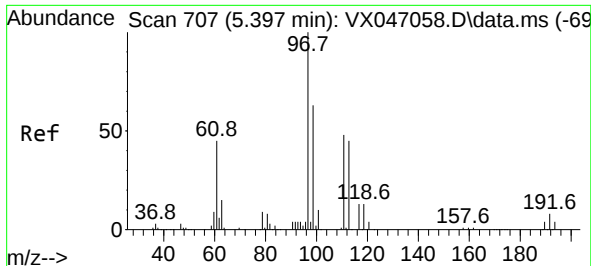
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

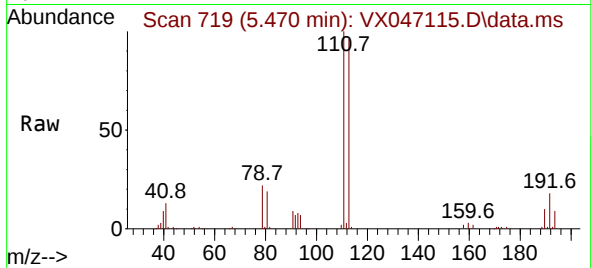
88 16.1 0.0 33.8





#35
Dibromofluoromethane
Concen: 39.164 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

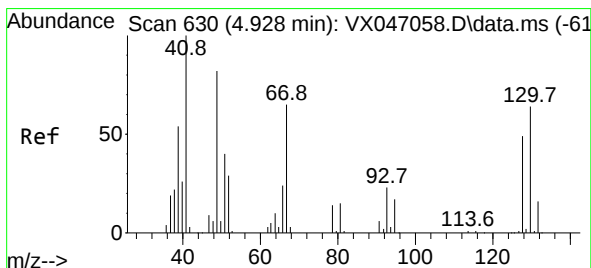
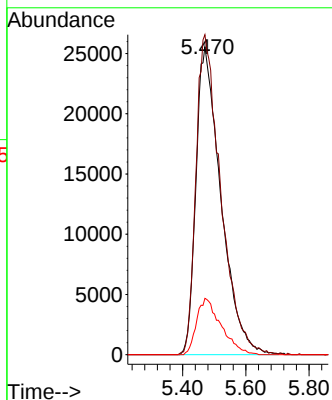
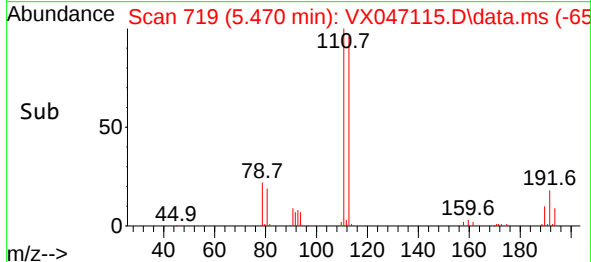
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL



Tgt Ion: 113 Resp: 13977
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.1 14.9 22.3

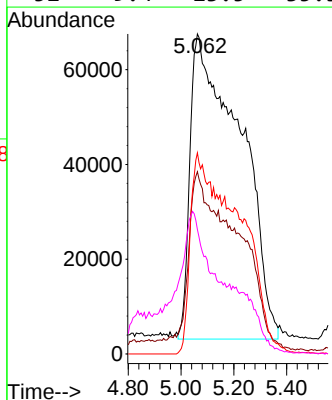
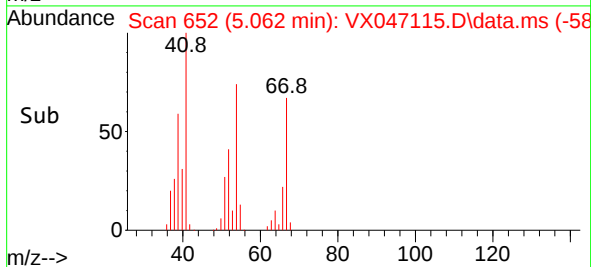
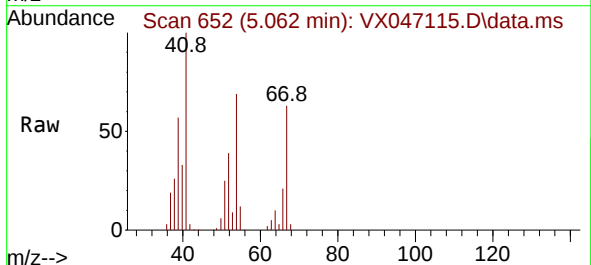
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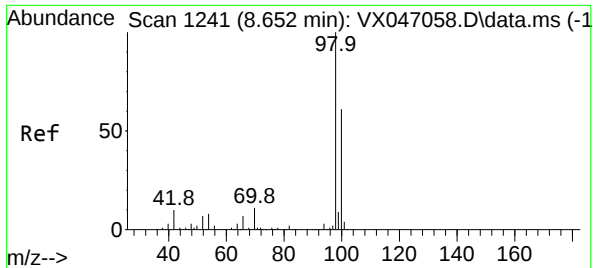
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#41
Methacrylonitrile
Concen: 286.679 ug/l m
RT: 5.062 min Scan# 652
Delta R.T. 0.134 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

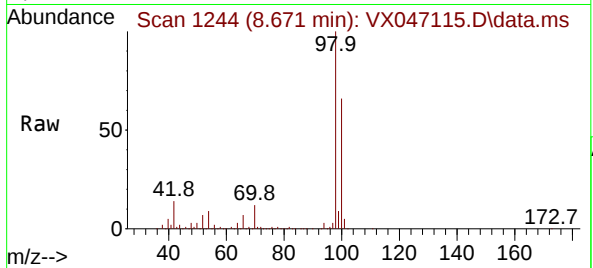
Tgt Ion: 41 Resp: 840264
Ion Ratio Lower Upper
41 100
39 28.6 44.2 66.2#
67 43.3 56.4 84.6#
52 9.4 23.5 35.3#





#50
Toluene-d8
Concen: 56.143 ug/l
RT: 8.671 min Scan# 1244
Delta R.T. 0.019 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

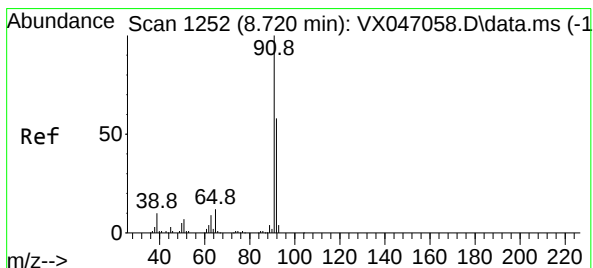
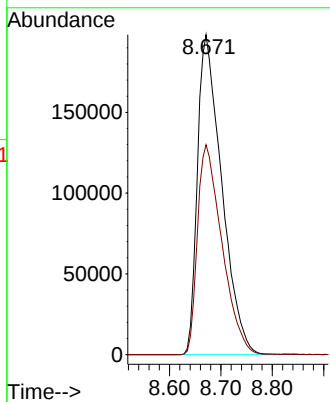
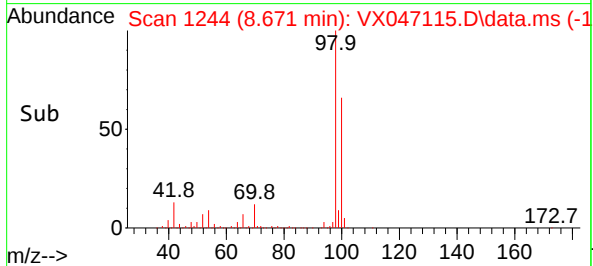
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL



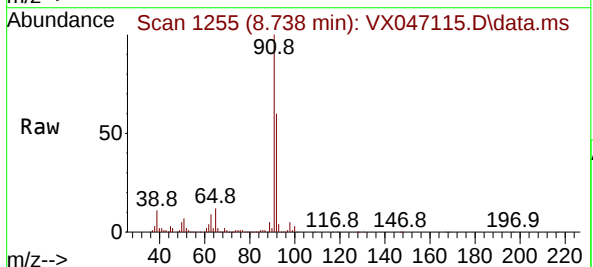
Tgt Ion: 98 Resp: 648898
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9

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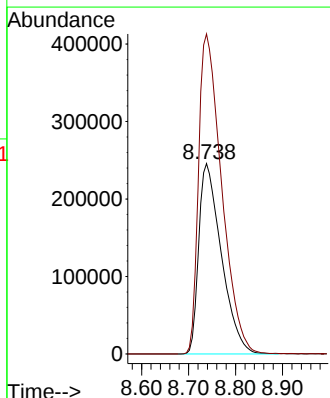
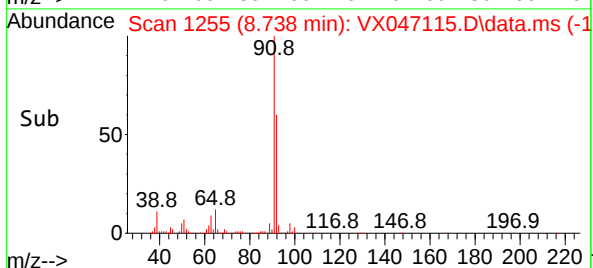
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Supervised By :Mahesh Dadoda 07/25/2025

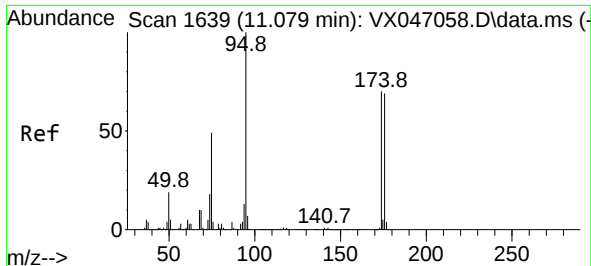


#52
Toluene
Concen: 75.785 ug/l
RT: 8.738 min Scan# 1255
Delta R.T. 0.019 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26



Tgt Ion: 92 Resp: 820403
Ion Ratio Lower Upper
92 100
91 171.9 137.9 206.9





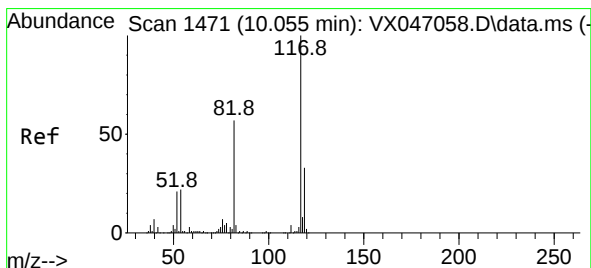
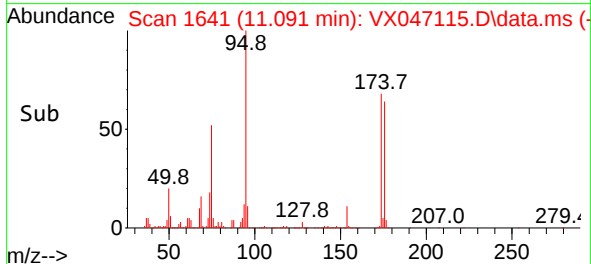
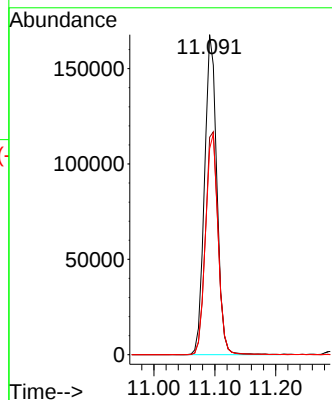
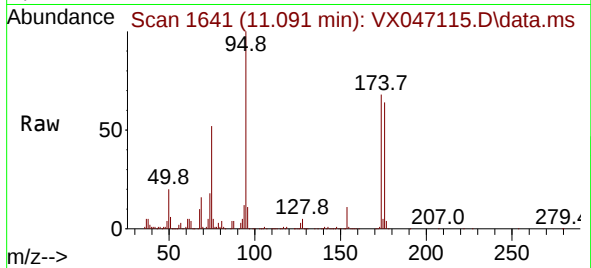
#62
4-Bromofluorobenzene
Concen: 47.329 ug/l
RT: 11.091 min Scan# 1641
Delta R.T. 0.013 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Tgt Ion: 95 Resp: 235730
Ion Ratio Lower Upper
95 100
174 71.7 0.0 144.6
176 70.7 0.0 139.6

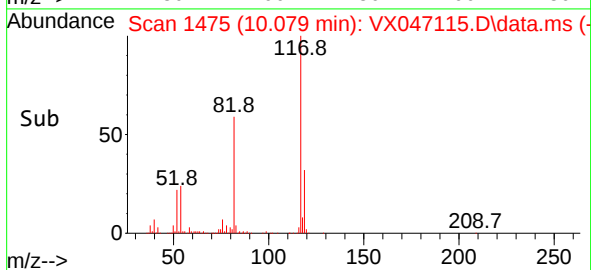
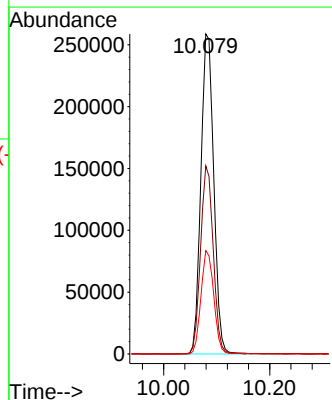
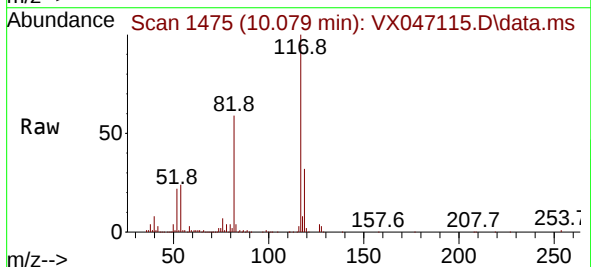
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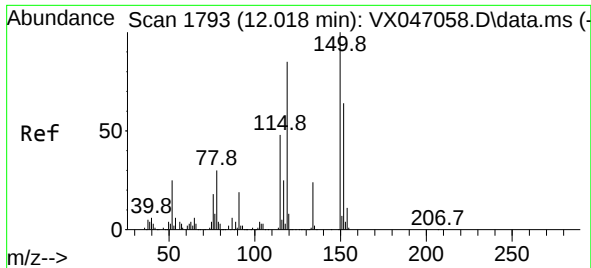
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.025 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

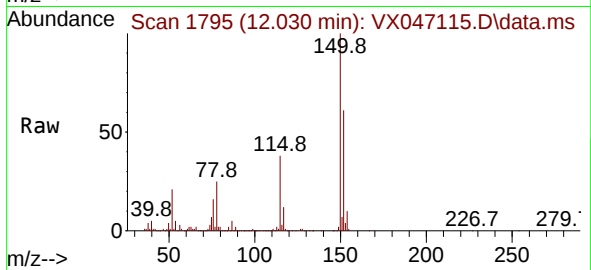
Tgt Ion:117 Resp: 434831
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 32.3 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.030 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VX047115.D
 Acq: 24 Jul 2025 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-CLOXPL



Tgt Ion:152 Resp: 264294
 Ion Ratio Lower Upper
 152 100
 115 63.1 45.6 136.7
 150 158.1 0.0 354.6

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