

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047091.D
 Acq On : 23 Jul 2025 15:10
 Operator : JC/MD
 Sample : Q2660-03 10X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0218

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:52:11 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	330507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	597669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	586982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	301743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	206576	50.175	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.360%			
35) Dibromofluoromethane	5.397	113	165953	44.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.940%			
50) Toluene-d8	8.653	98	622731	52.109	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.220%			
62) 4-Bromofluorobenzene	11.079	95	264585	51.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.760%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	17051	10.338	ug/l	93
52) Toluene	8.720	92	114148	10.198	ug/l	99
89) n-Butylbenzene	12.317	91	67305m	3.509	ug/l	

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

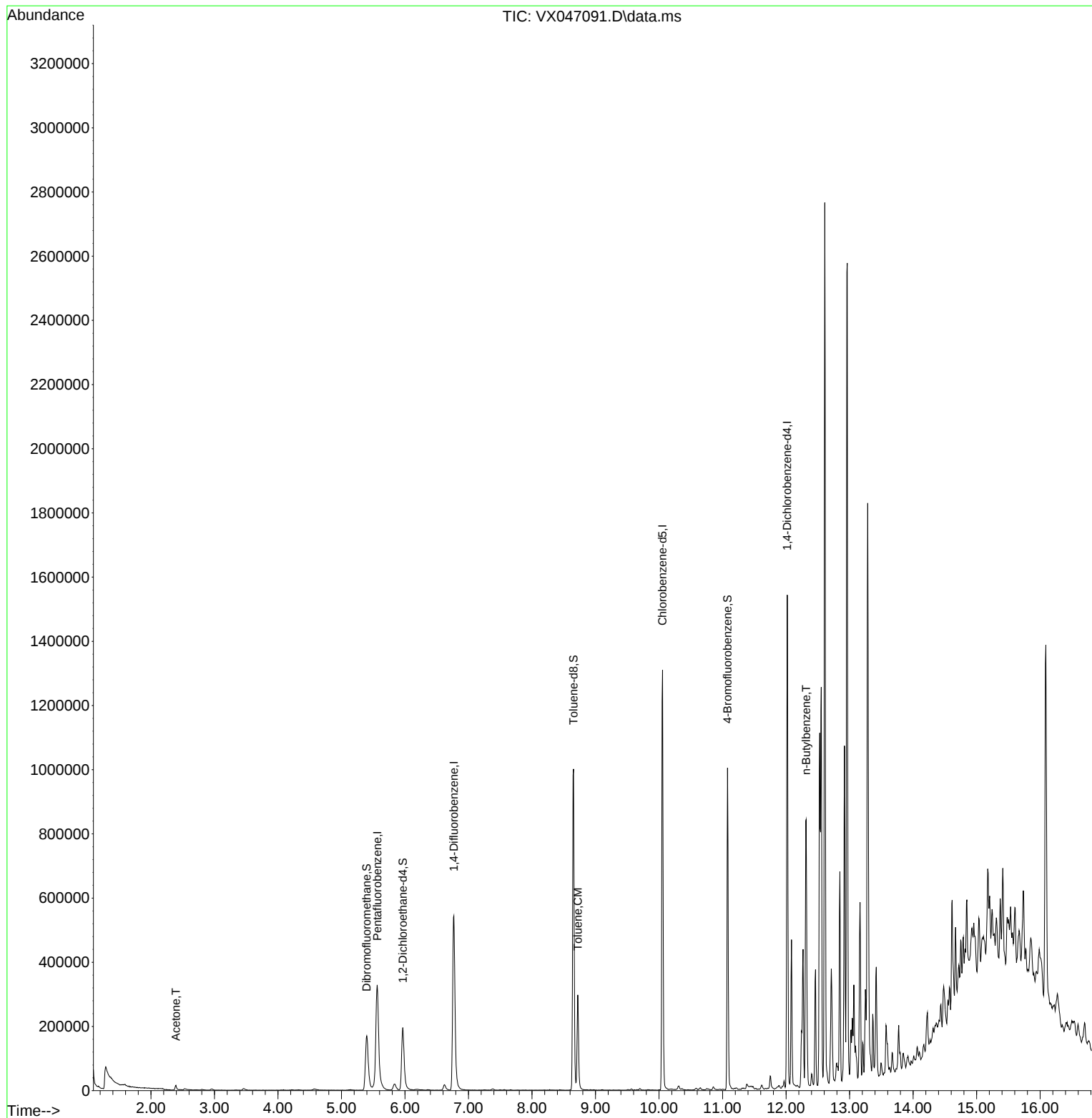
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
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Response via : Initial Calibration

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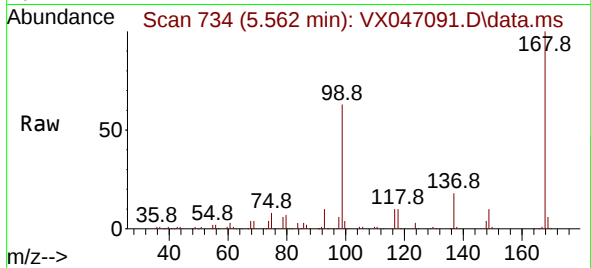
Reviewed By : John Carlone 07/24/2025
Supervised By : Mahesh Dadoda 07/24/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

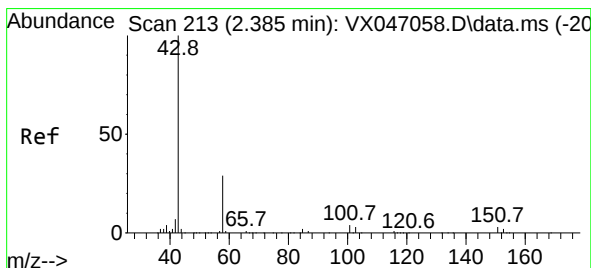
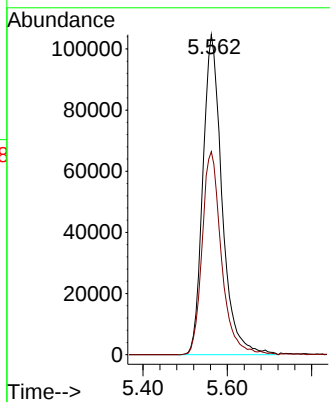
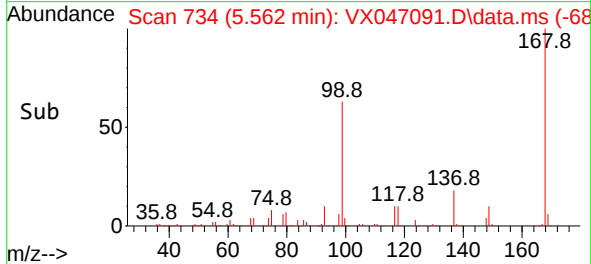
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218



Tgt Ion:168 Resp: 33050
Ion Ratio Lower Upper
168 100
99 63.4 48.0 72.0

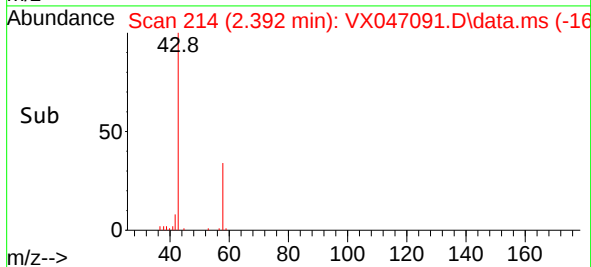
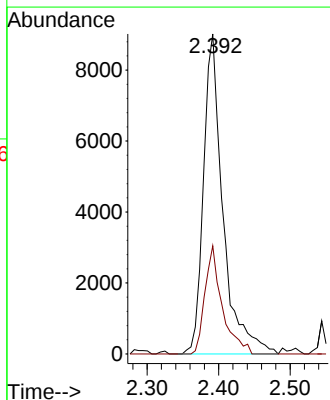
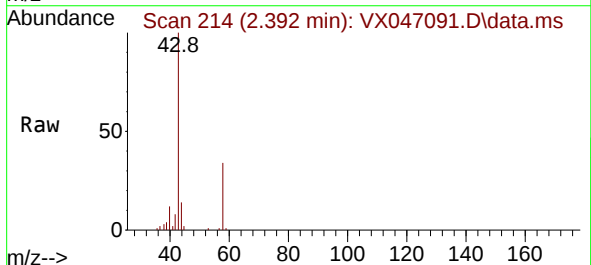
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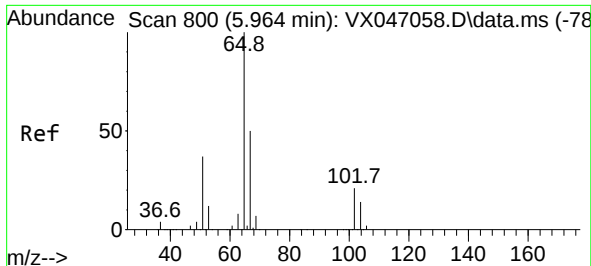
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#16
Acetone
Concen: 10.338 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 43 Resp: 17051
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 50.175 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047091.D

Acq: 23 Jul 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0218

Tgt Ion: 65 Resp: 206570

Ion Ratio Lower Upper

65 100

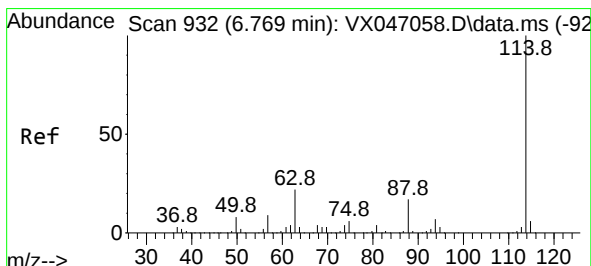
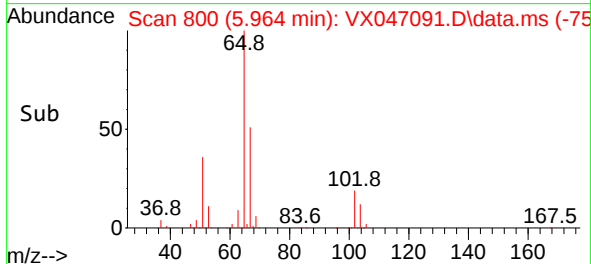
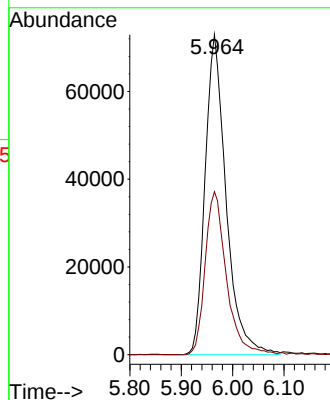
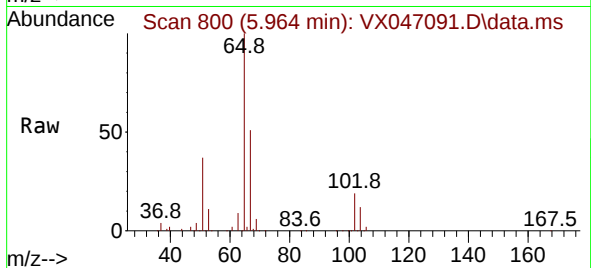
67 51.5 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047091.D

Acq: 23 Jul 2025 15:10

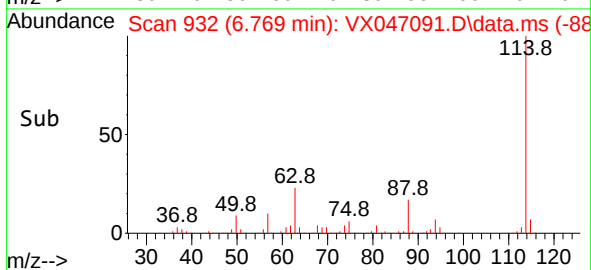
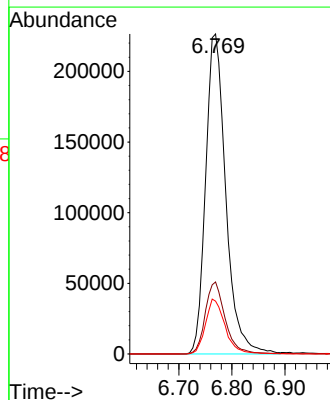
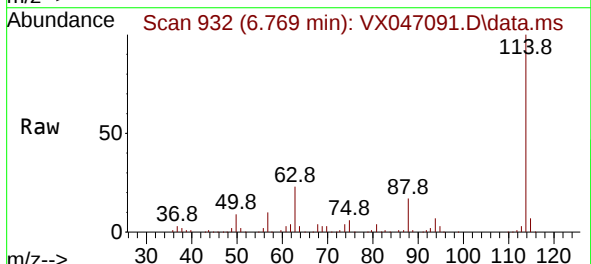
Tgt Ion:114 Resp: 597669

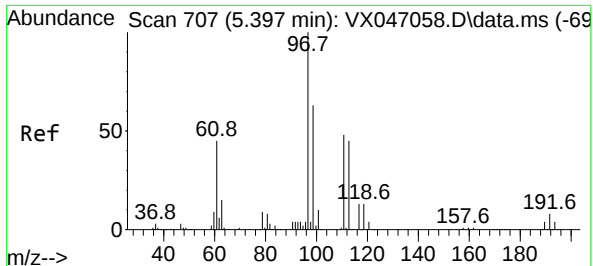
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 44.971 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047091.D

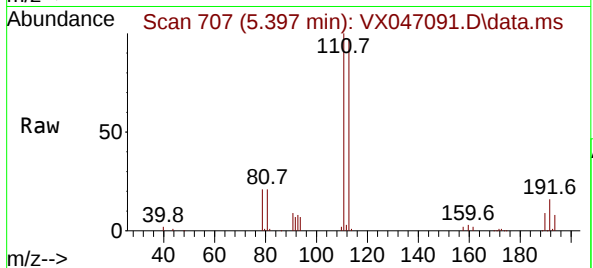
Acq: 23 Jul 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0218



Tgt Ion:113 Resp: 16595

Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

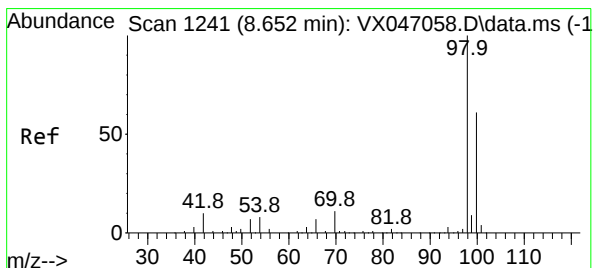
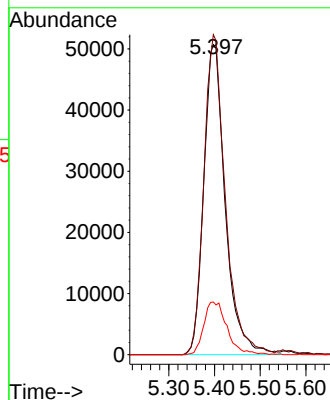
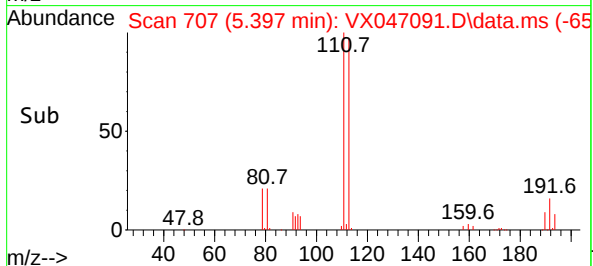
192 18.4 14.9 22.3

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#50

Toluene-d8

Concen: 52.109 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047091.D

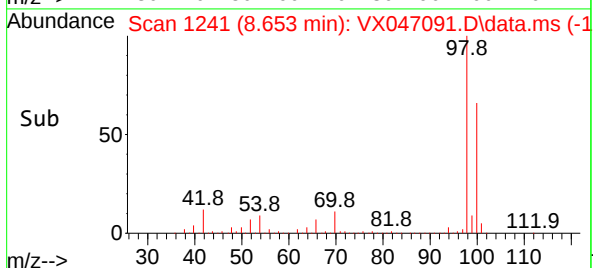
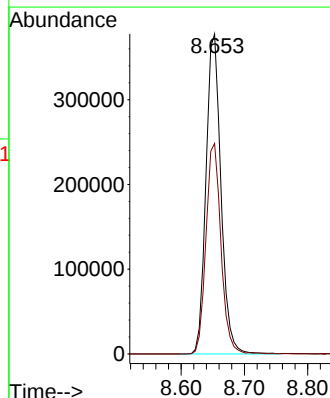
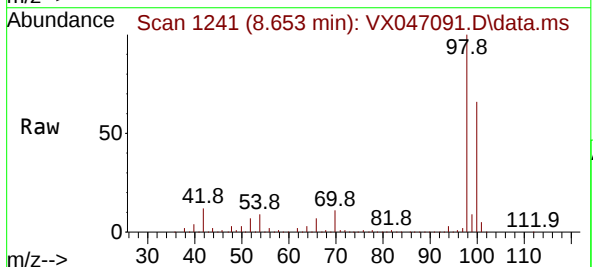
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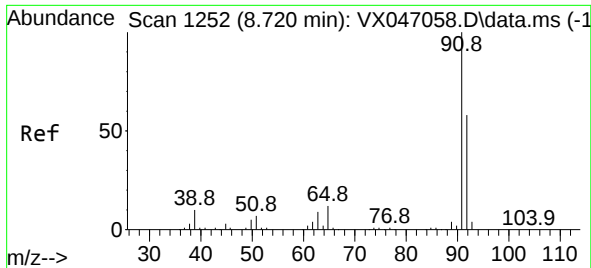
Tgt Ion: 98 Resp: 622731

Ion Ratio Lower Upper

98 100

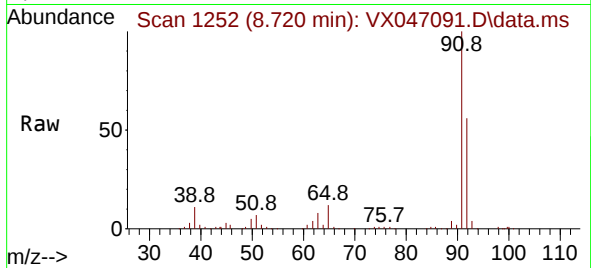
100 66.0 53.3 79.9





#52
Toluene
Concen: 10.198 ug/l
RT: 8.720 min Scan# 11414
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

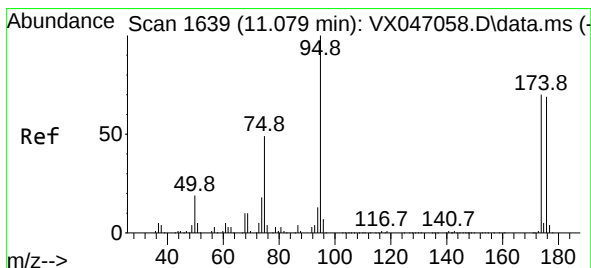
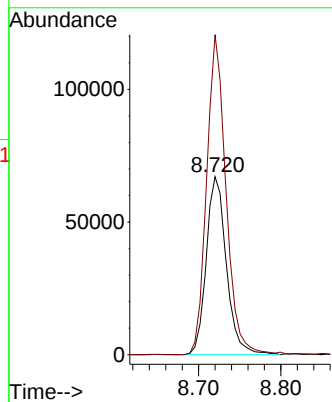
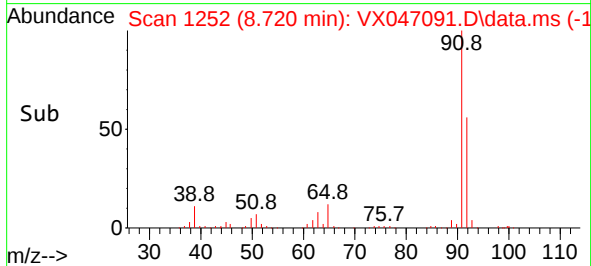
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218



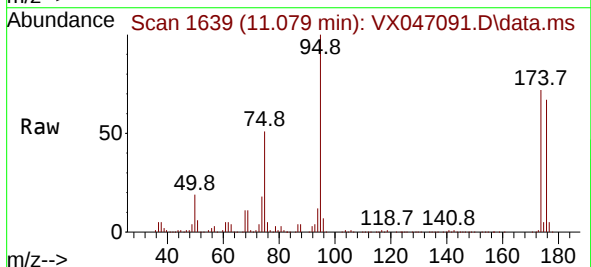
Tgt Ion: 92 Resp: 11414
Ion Ratio Lower Upper
92 100
91 173.3 137.9 206.9

Manual Integrations
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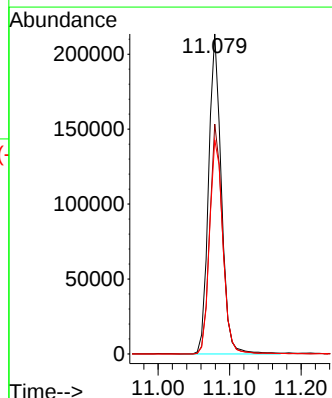
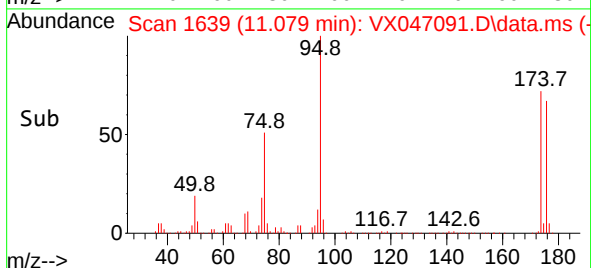
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

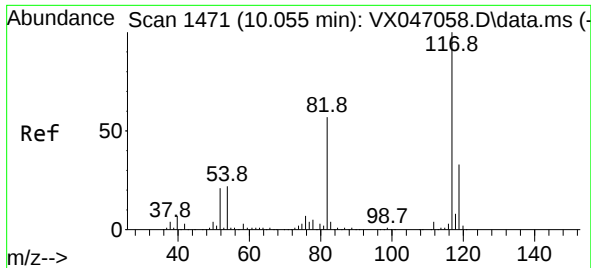


#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10



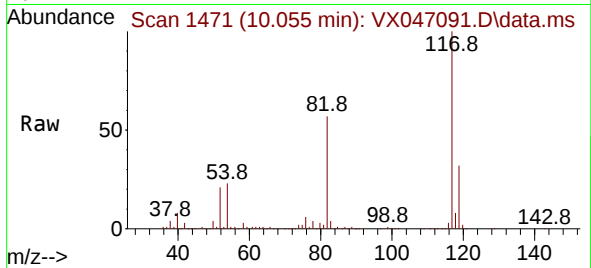
Tgt Ion: 95 Resp: 264585
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 70.1 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

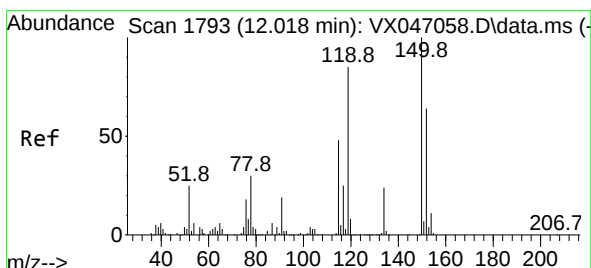
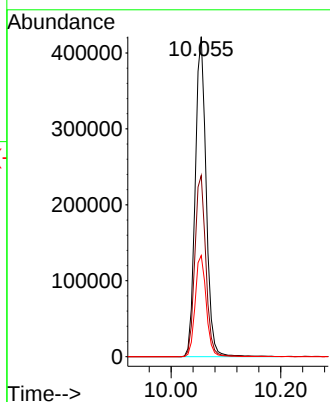
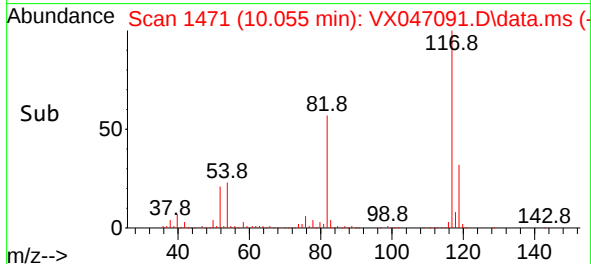
Instrument :
MSVOA_X
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MOO-25-0218



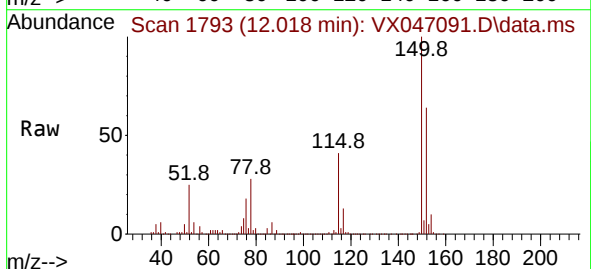
Tgt Ion:117 Resp: 58698
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 31.6 26.1 39.1

Manual Integrations
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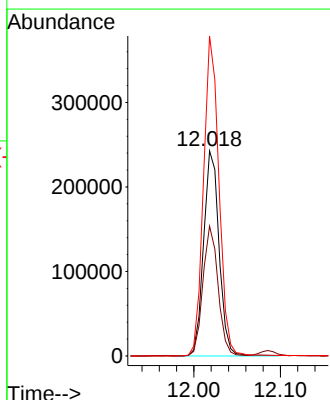
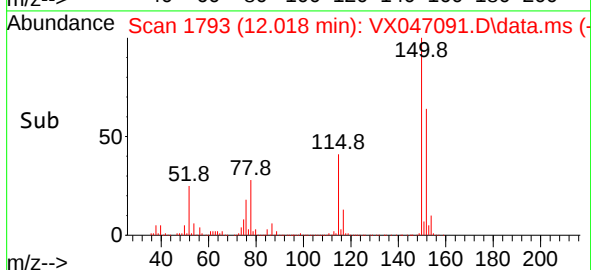
Reviewed By :John Carlone 07/24/2025
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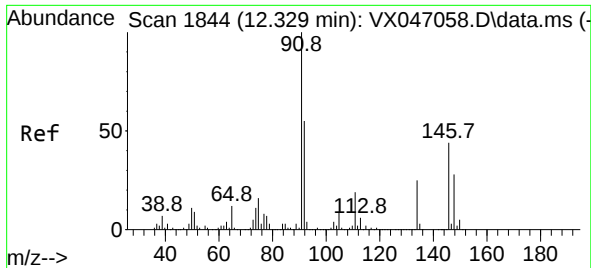


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10



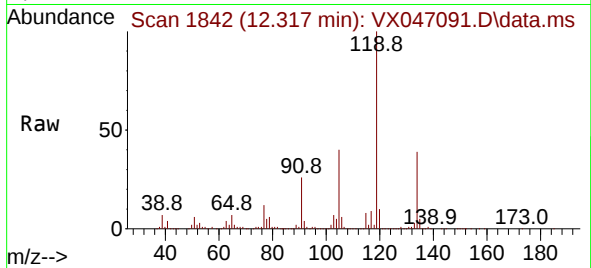
Tgt Ion:152 Resp: 301743
Ion Ratio Lower Upper
152 100
115 61.8 45.6 136.7
150 155.4 0.0 354.6





#89
 n-Butylbenzene
 Concen: 3.509 ug/l m
 RT: 12.317 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: VX047091.D
 Acq: 23 Jul 2025 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 91 Resp: 6730
 Ion Ratio Lower Upper
 91 100
 92 54.9 27.5 82.5
 134 200.1 12.8 38.3

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