

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047089.D
 Acq On : 23 Jul 2025 14:28
 Operator : JC/MD
 Sample : Q2660-03 20X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0218

Quant Time: Jul 24 05:51:15 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	446684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	813909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	762075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	370778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	292547	52.576	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.160%			
35) Dibromofluoromethane	5.397	113	239541	47.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.340%			
50) Toluene-d8	8.647	98	877691	53.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.860%			
62) 4-Bromofluorobenzene	11.079	95	351355	50.098	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.200%			
Target Compounds					Qvalue	
52) Toluene	8.720	92	55467	3.639	ug/l	98
89) n-Butylbenzene	12.323	91	33530m	1.423	ug/l	

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

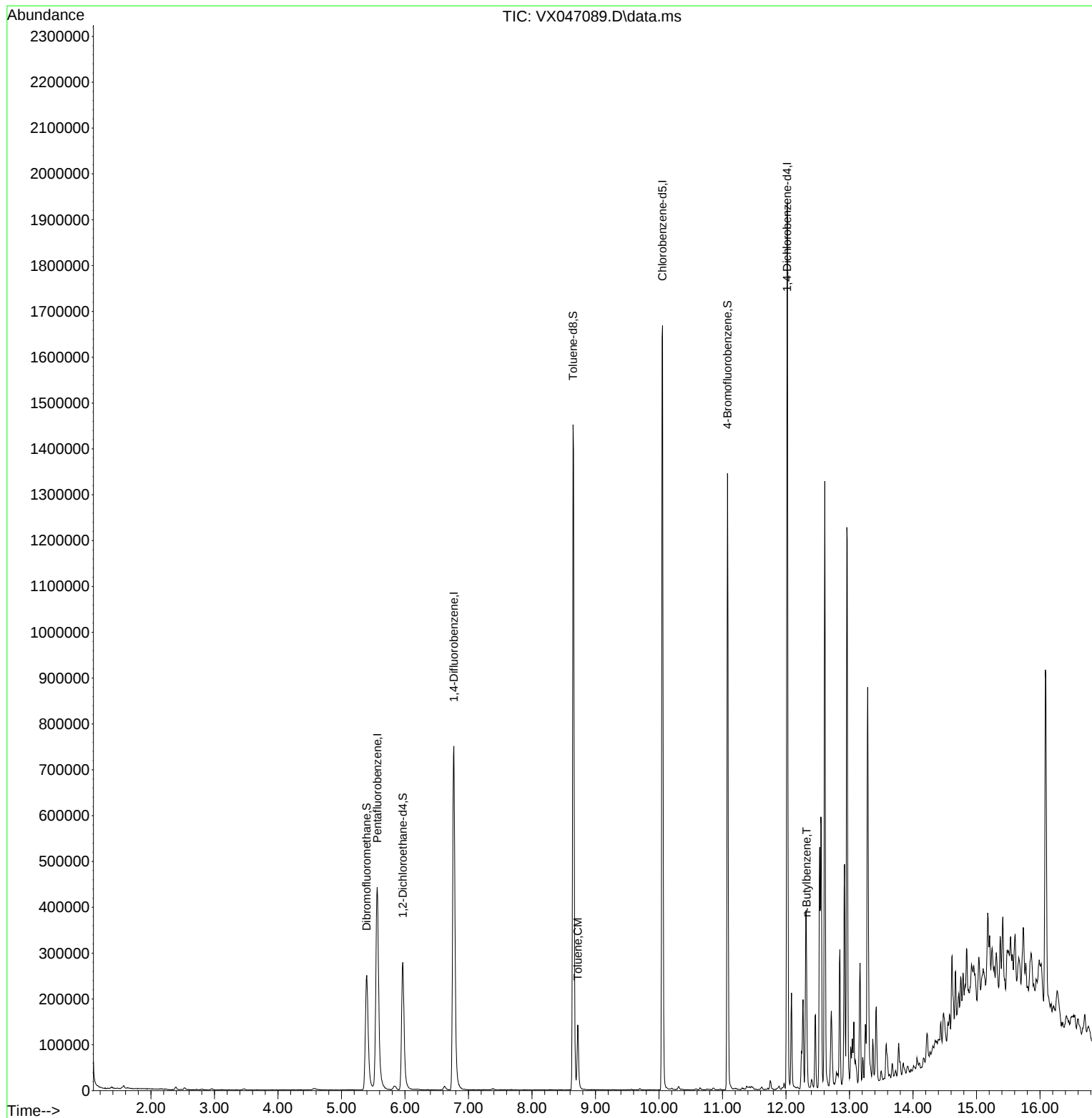
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Data File : VX047089.D
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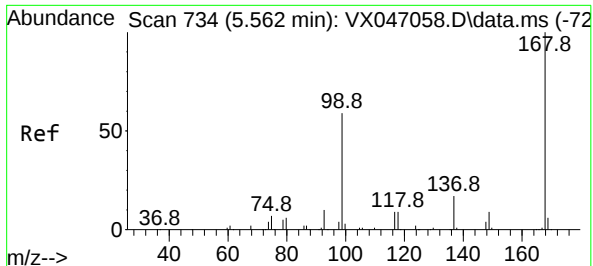
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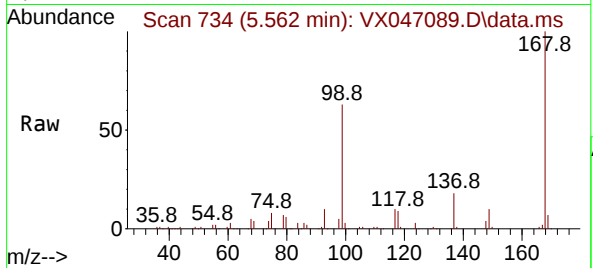
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.000 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28

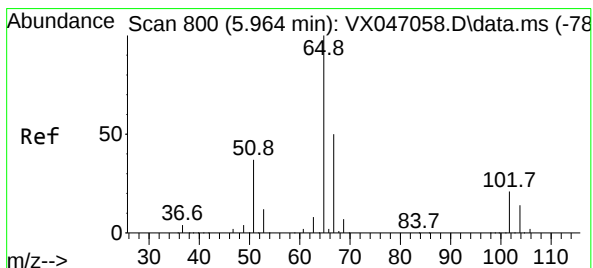
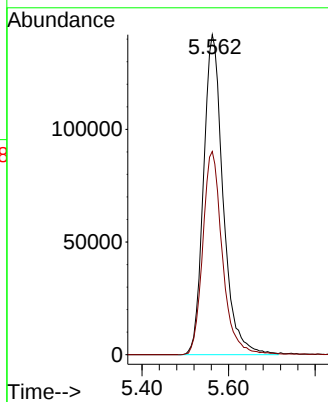
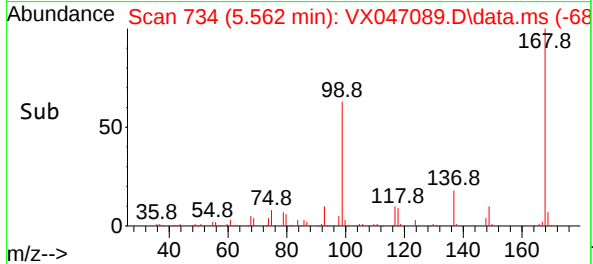
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218



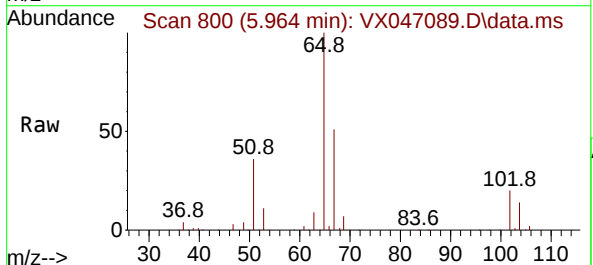
Tgt Ion:168 Resp: 446684
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0

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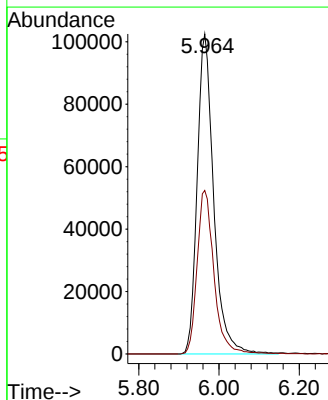
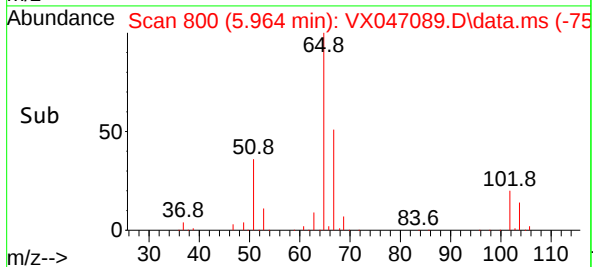
Reviewed By :John Carlone 07/24/2025
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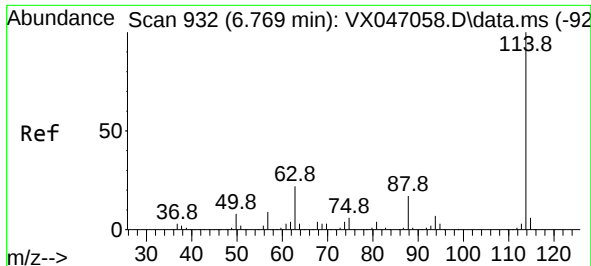


#33
1,2-Dichloroethane-d4
Concen: 52.576 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28



Tgt Ion: 65 Resp: 292547
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8





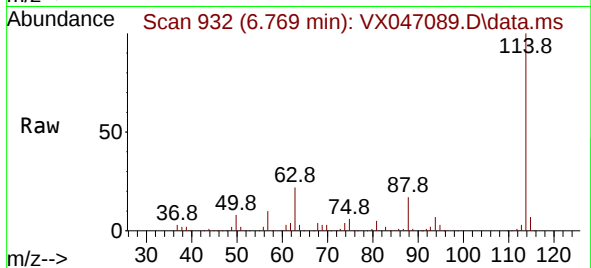
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1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0218



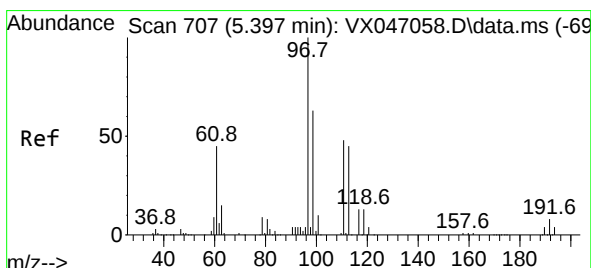
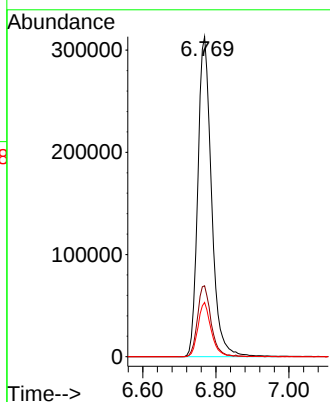
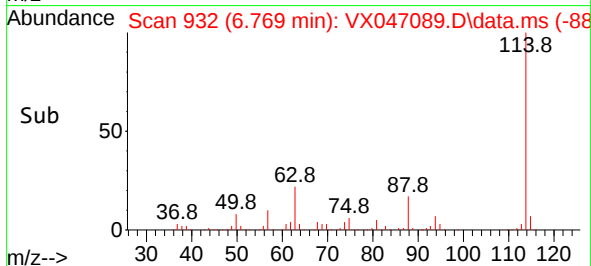
Tgt Ion:114 Resp: 813909
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 17.0 0.0 33.8

Manual Integrations

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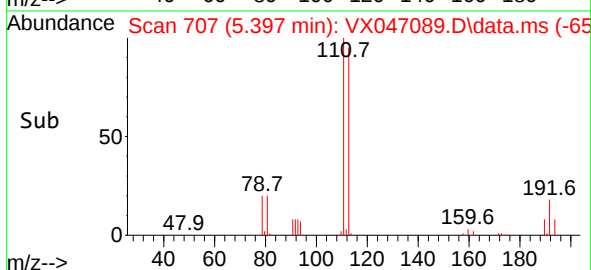
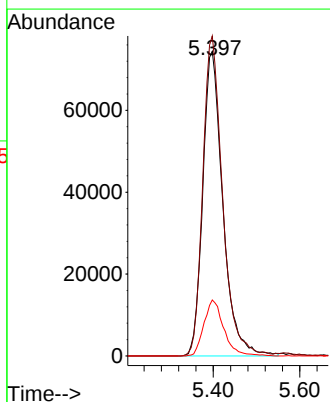
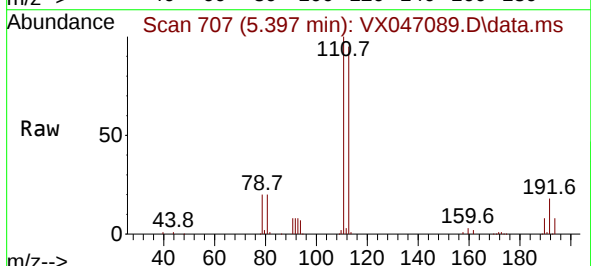
Reviewed By :John Carlone 07/24/2025

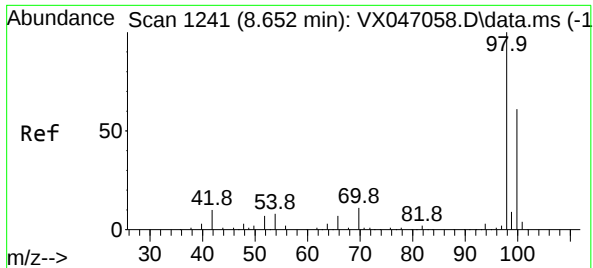
Supervised By :Mahesh Dadoda 07/24/2025



#35
Dibromofluoromethane
Concen: 47.667 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28

Tgt Ion:113 Resp: 239541
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.3 14.9 22.3





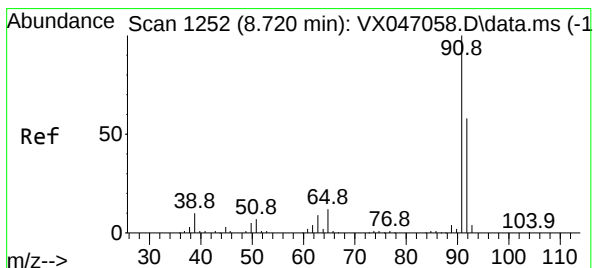
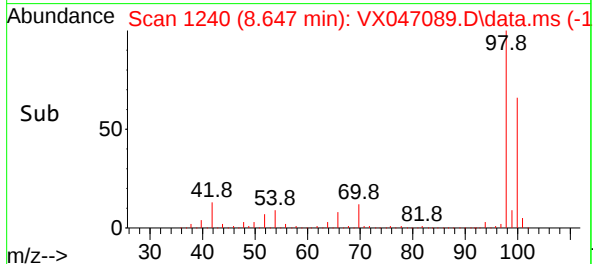
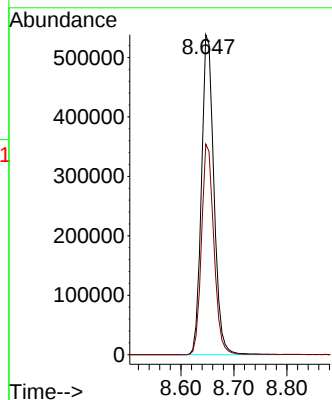
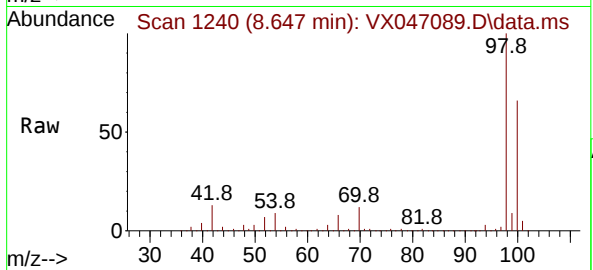
#50
Toluene-d8
Concen: 53.931 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 98 Resp: 87769
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9

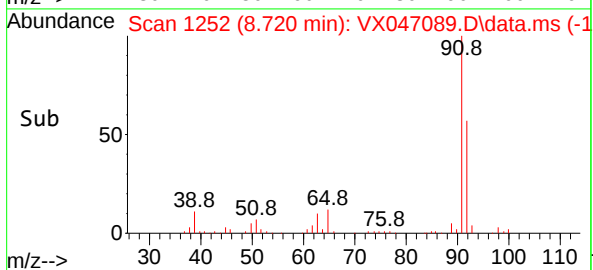
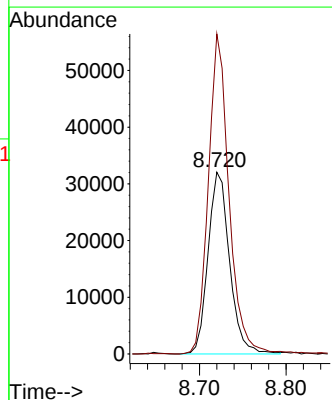
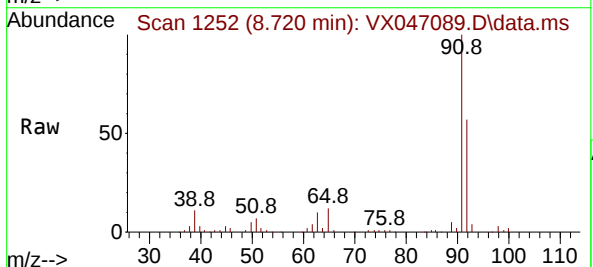
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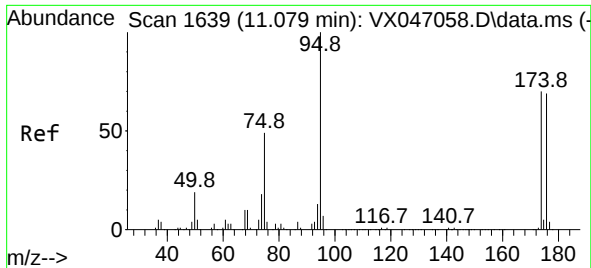
Reviewed By :John Carlone 07/24/2025
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#52
Toluene
Concen: 3.639 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28

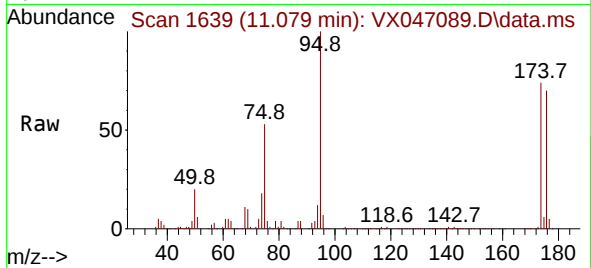
Tgt Ion: 92 Resp: 55467
Ion Ratio Lower Upper
92 100
91 169.0 137.9 206.9





#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28

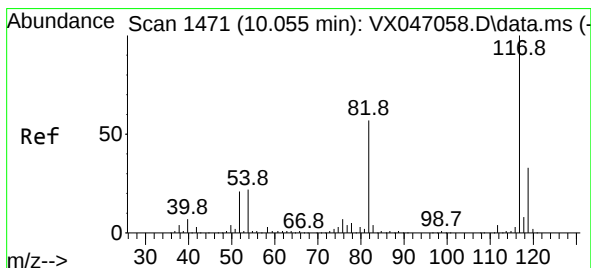
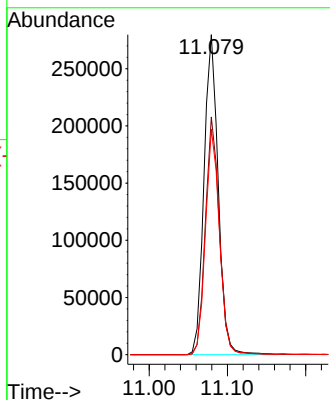
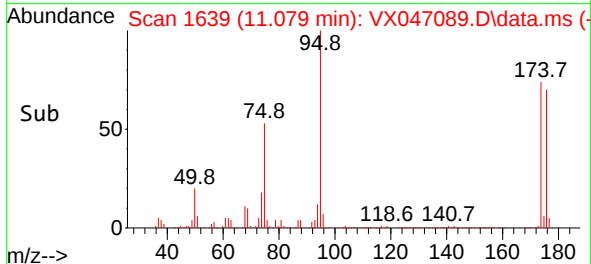
Instrument :
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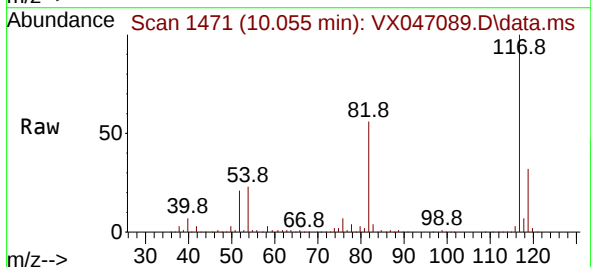
Tgt Ion: 95 Resp: 35135
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.6
176 69.5 0.0 139.6

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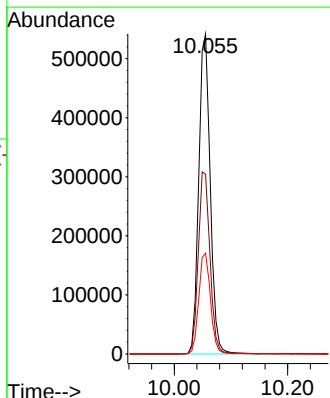
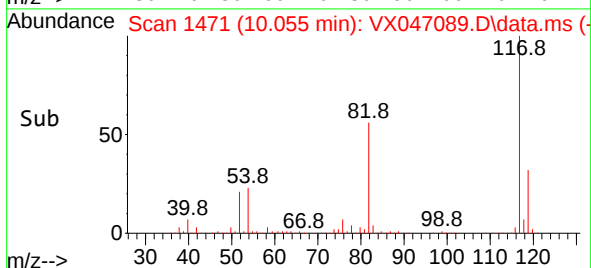
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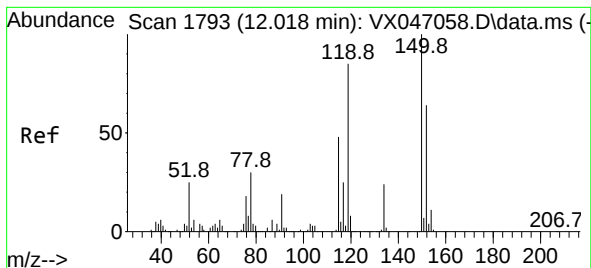


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28



Tgt Ion:117 Resp: 762075
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.5 26.1 39.1





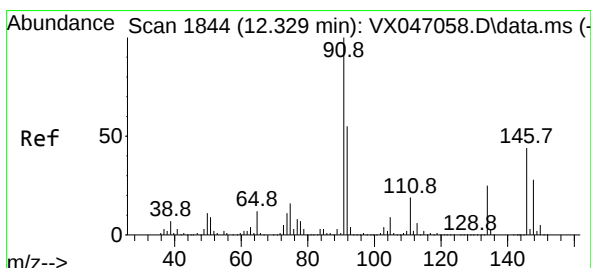
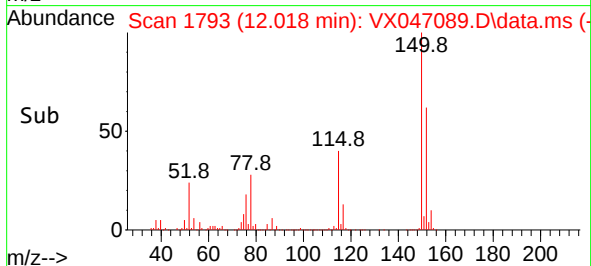
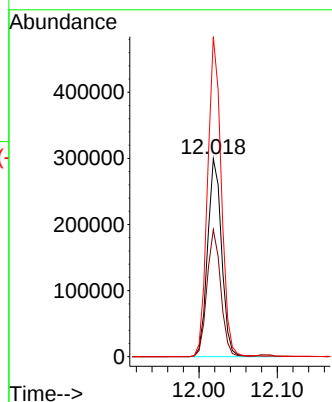
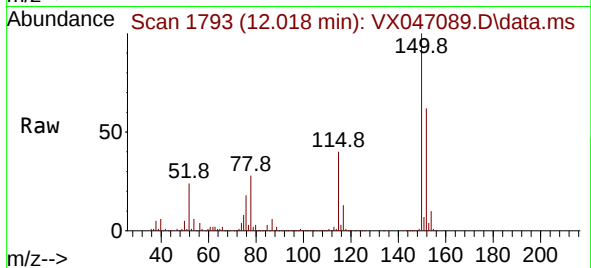
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:152 Resp: 370778
Ion Ratio Lower Upper
152 100
115 62.7 45.6 136.7
150 157.9 0.0 354.6

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#89
n-Butylbenzene
Concen: 1.423 ug/l m
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX047089.D
Acq: 23 Jul 2025 14:28

Tgt Ion: 91 Resp: 33530
Ion Ratio Lower Upper
91 100
92 56.5 27.5 82.5
134 183.6 12.8 38.3#

