

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
 Data File : VX047234.D
 Acq On : 05 Aug 2025 14:02
 Operator : JC/MD
 Sample : Q2759-04 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIQUID-DRUMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/06/2025
 Supervised By : Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 05:41:58 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	383379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	717129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	691679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	343982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	257497	53.918	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.840%			
35) Dibromofluoromethane	5.397	113	219641	49.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.220%			
50) Toluene-d8	8.647	98	792263	55.251	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.500%			
62) 4-Bromofluorobenzene	11.079	95	336865	54.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.020%			
Target Compounds						
16) Acetone	2.392	43	10797	5.644	ug/l	94
68) m/p-Xylenes	10.299	106	12430	1.172	ug/l	92
73) Isopropylbenzene	10.957	105	58502	2.156	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	37115	1.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	154809	6.923	ug/l	99
89) n-Butylbenzene	12.329	91	31041m	1.420	ug/l	

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

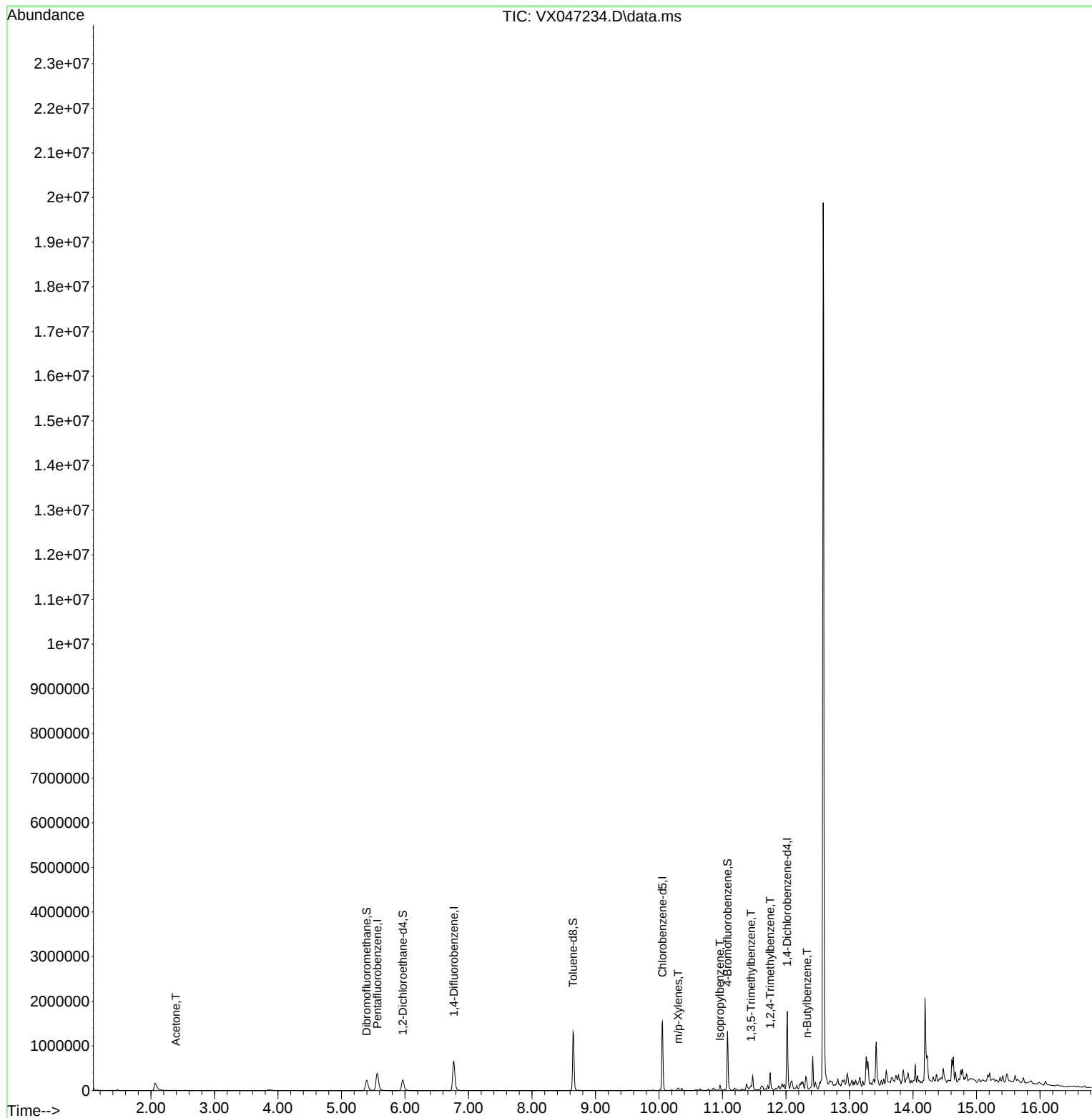
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
Data File : VX047234.D
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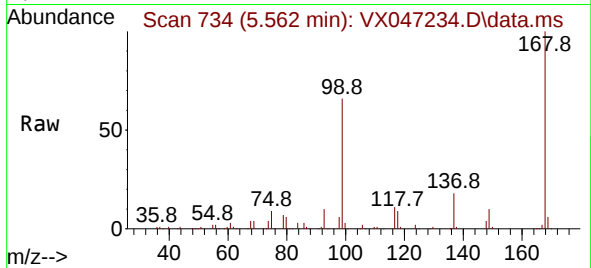
Quant Time: Aug 06 05:41:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02

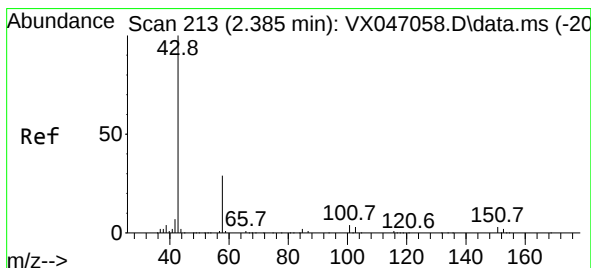
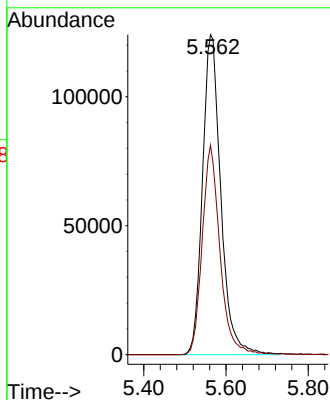
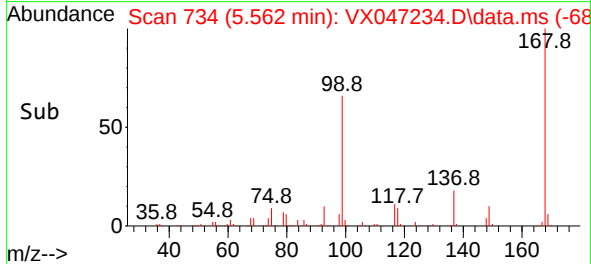
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS



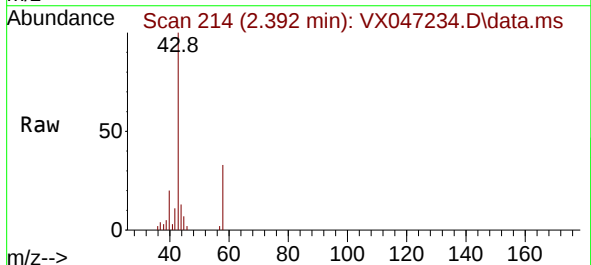
Tgt Ion:168 Resp: 383379
Ion Ratio Lower Upper
168 100
99 65.5 48.0 72.0

Manual Integrations
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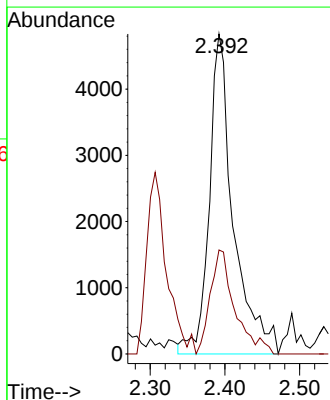
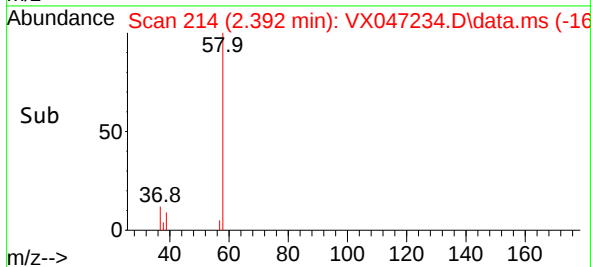
Reviewed By :John Carlone 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

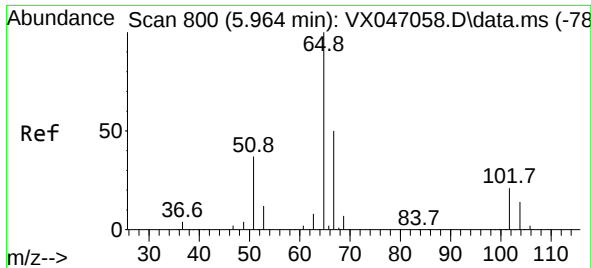


#16
Acetone
Concen: 5.644 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02



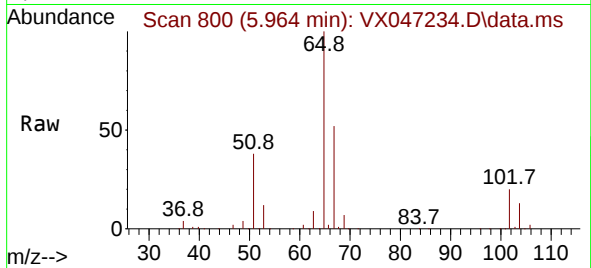
Tgt Ion: 43 Resp: 10797
Ion Ratio Lower Upper
43 100
58 33.5 24.0 36.0





#33
1,2-Dichloroethane-d4
Concen: 53.918 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02

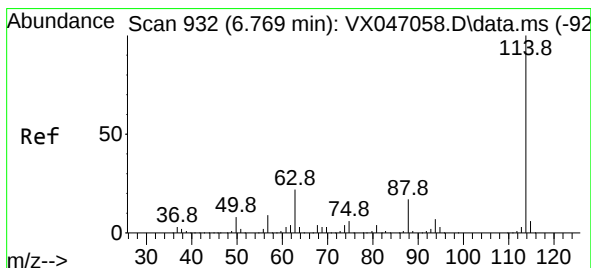
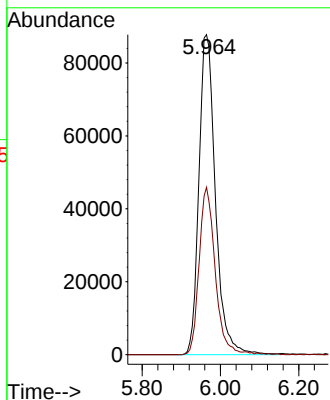
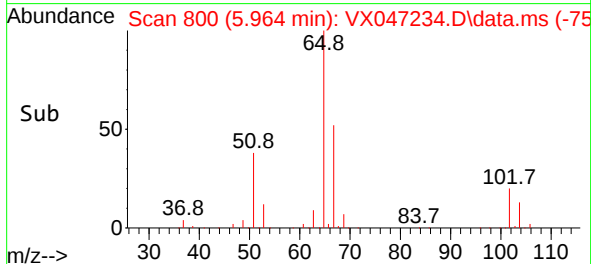
Instrument :
MSVOA_X
Client Sample Id :
LIQUID-DRUMS



Tgt Ion: 65 Resp: 25749
Ion Ratio Lower Upper
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67 50.8 0.0 104.8

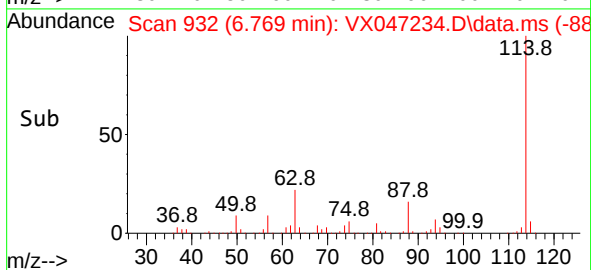
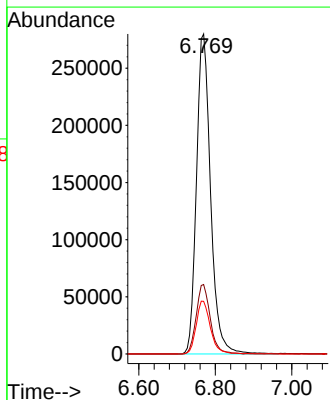
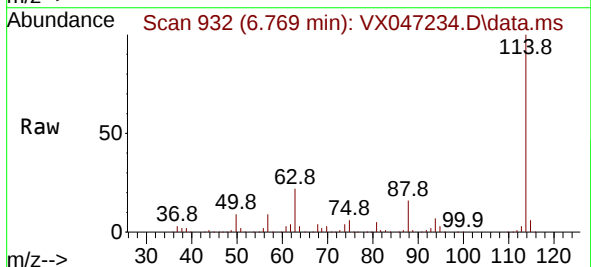
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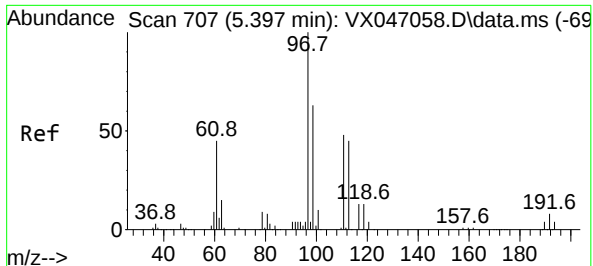
Reviewed By :John Carlone 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02

Tgt Ion:114 Resp: 717129
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.605 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047234.D

Acq: 05 Aug 2025 14:02

Instrument :

MSVOA_X

ClientSampleId :

LIQUID-DRUGS

Tgt Ion:113 Resp: 21964

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

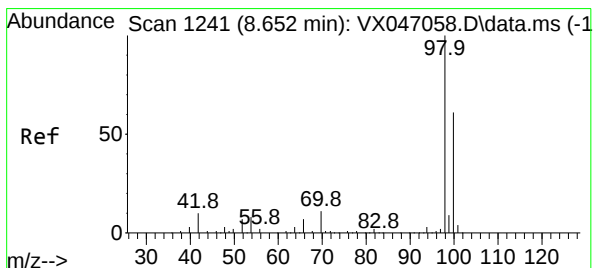
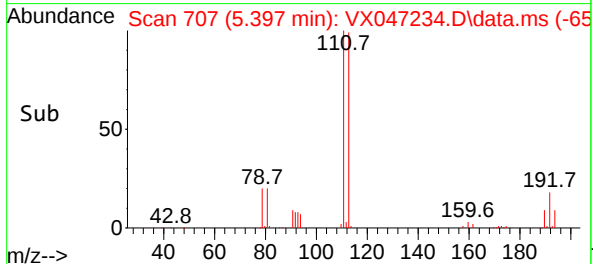
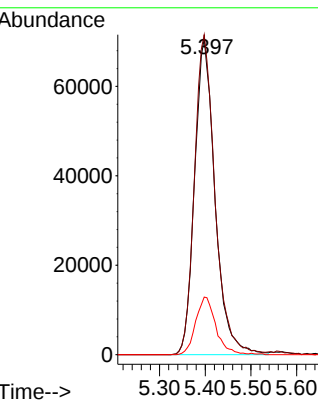
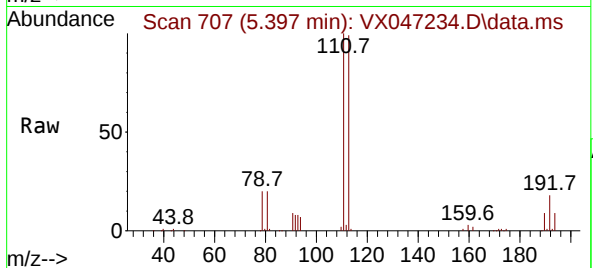
192 18.0 14.9 22.3

Manual Integrations

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#50

Toluene-d8

Concen: 55.251 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047234.D

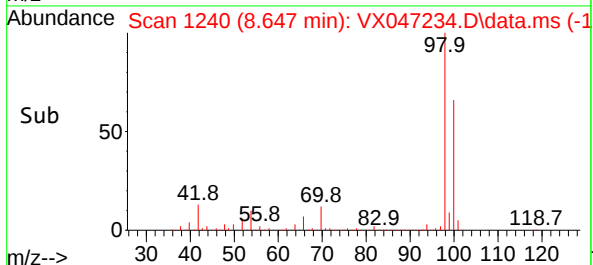
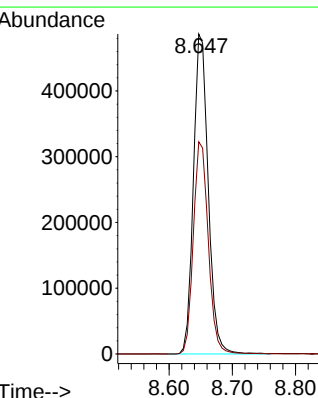
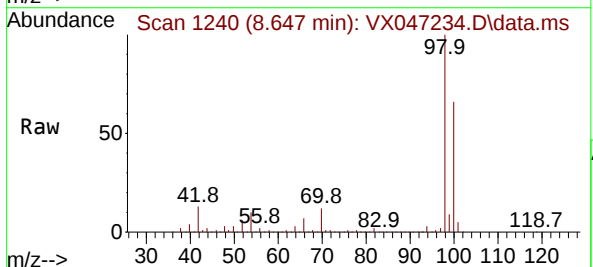
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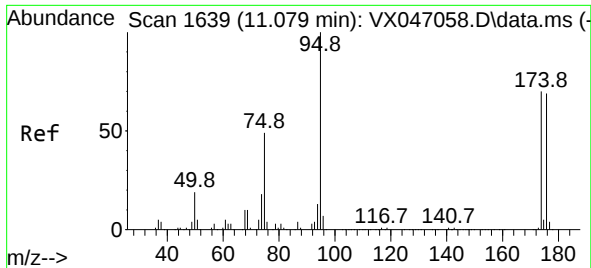
Tgt Ion: 98 Resp: 792263

Ion Ratio Lower Upper

98 100

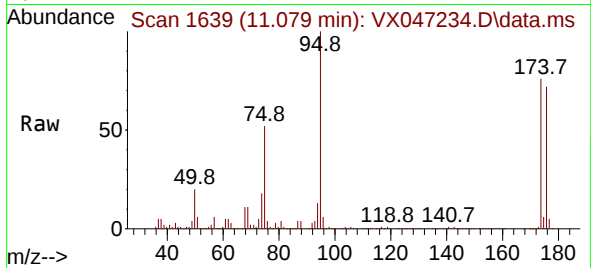
100 67.1 53.3 79.9





#62
4-Bromofluorobenzene
Concen: 54.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02

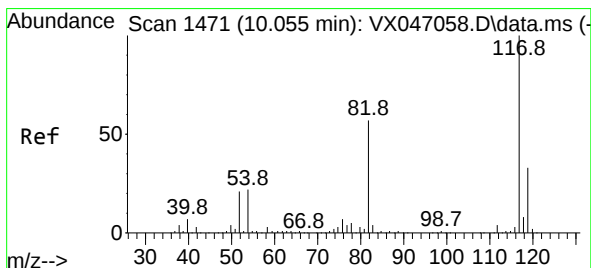
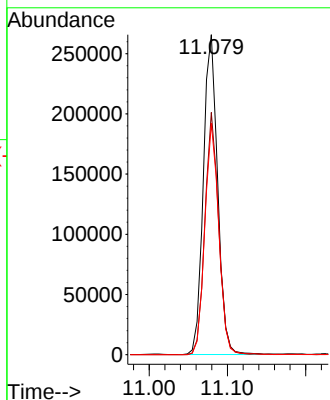
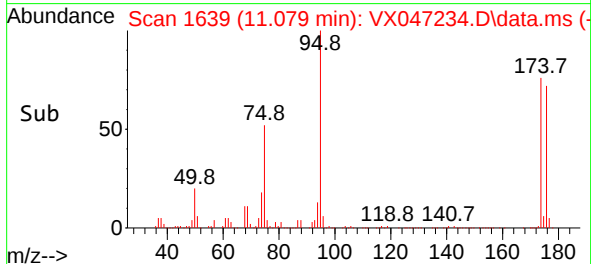
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS



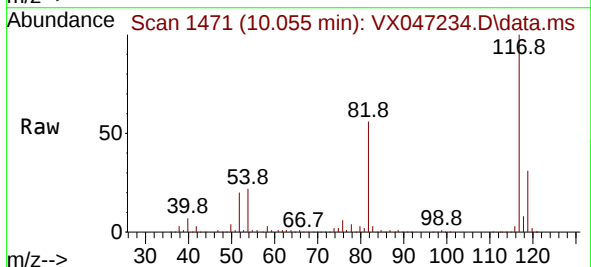
Tgt Ion: 95 Resp: 33686
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 70.5 0.0 139.6

Manual Integrations
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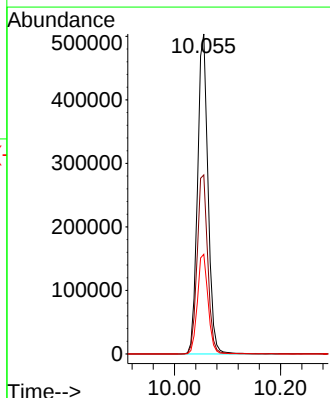
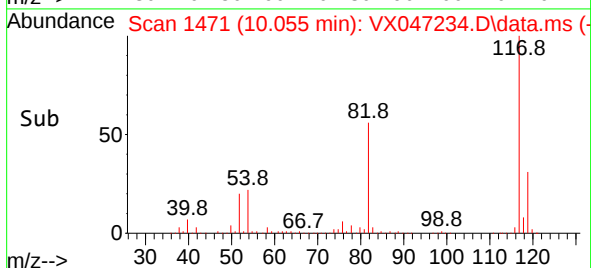
Reviewed By :John Carlone 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

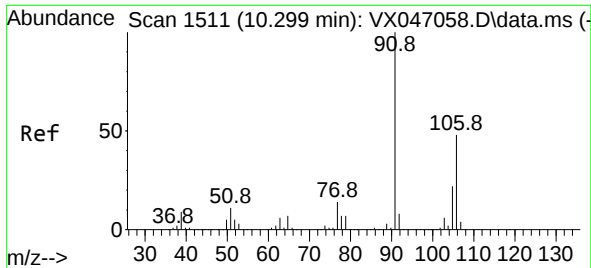


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02



Tgt Ion:117 Resp: 691679
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 31.2 26.1 39.1





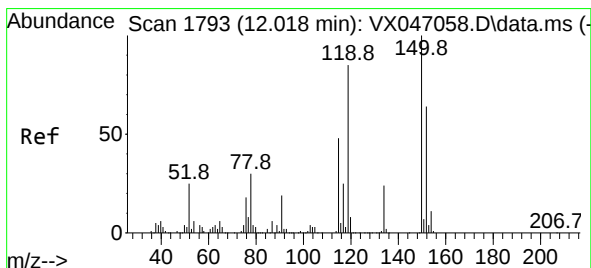
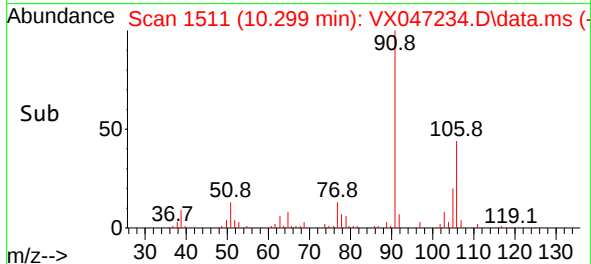
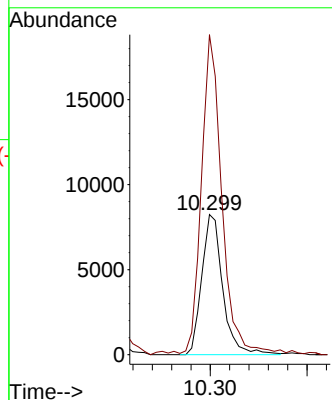
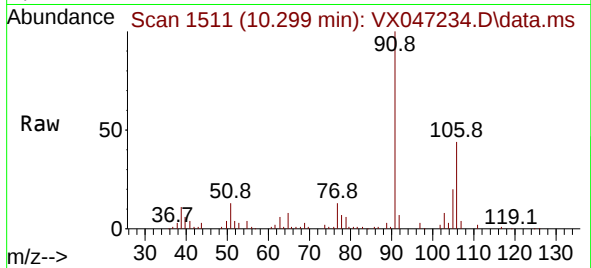
#68
m/p-Xylenes
Concen: 1.172 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02

Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS

Tgt Ion:106 Resp: 12430
Ion Ratio Lower Upper
106 100
91 221.4 167.4 251.0

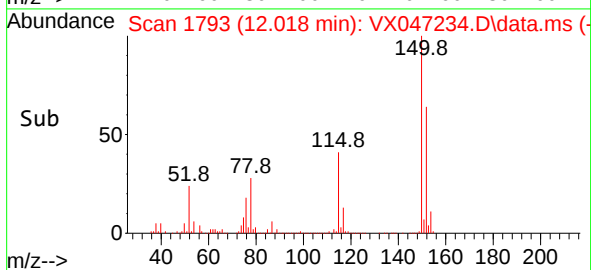
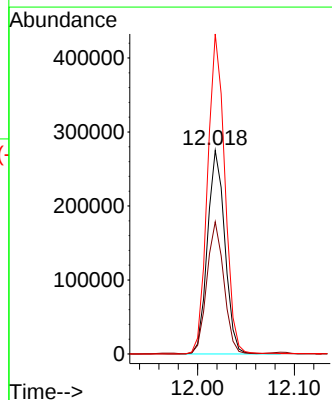
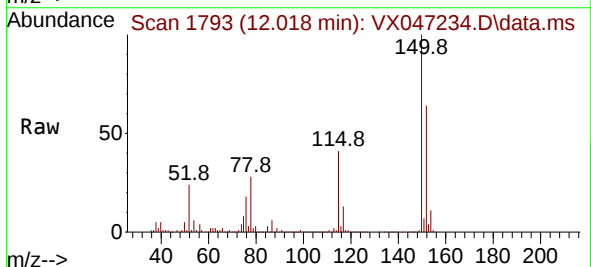
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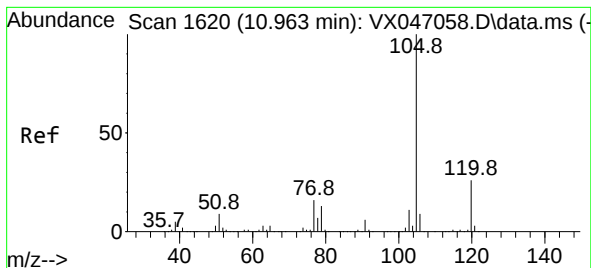
Reviewed By :John Carlone 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02

Tgt Ion:152 Resp: 343982
Ion Ratio Lower Upper
152 100
115 63.5 45.6 136.7
150 156.7 0.0 354.6





#73

Isopropylbenzene

Concen: 2.156 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047234.D

Acq: 05 Aug 2025 14:02

Instrument :

MSVOA_X

ClientSampleId :

LIQUID-DRUMS

Tgt Ion:105 Resp: 5850

Ion Ratio Lower Upper

105 100

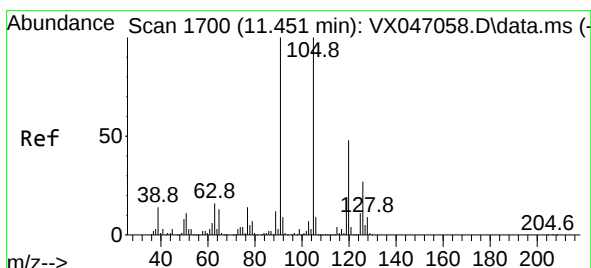
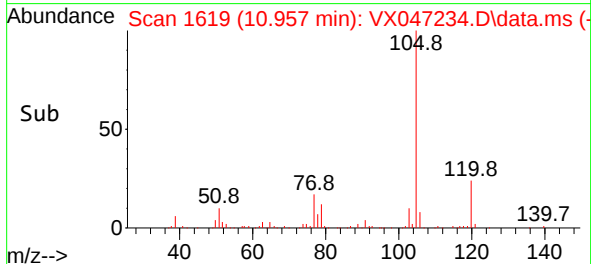
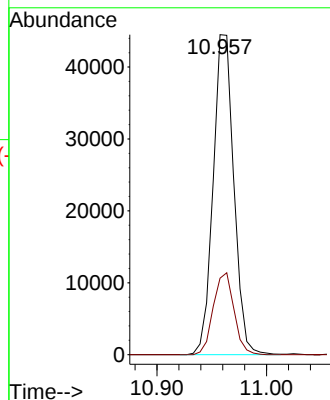
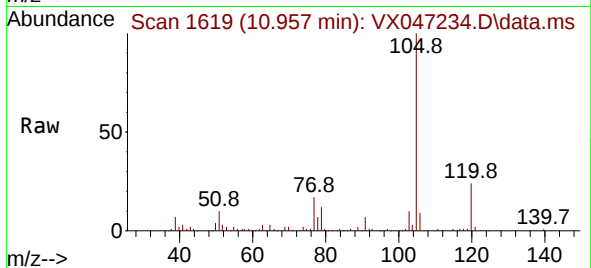
120 25.5 12.9 38.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 1.655 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047234.D

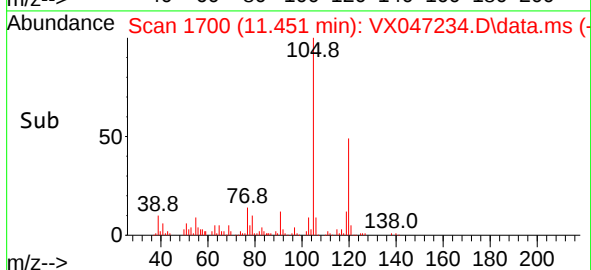
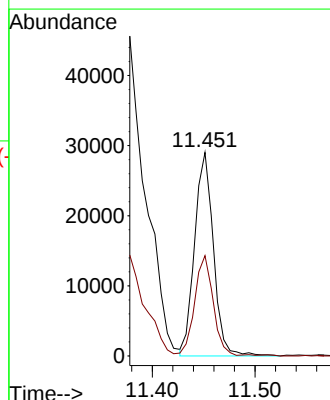
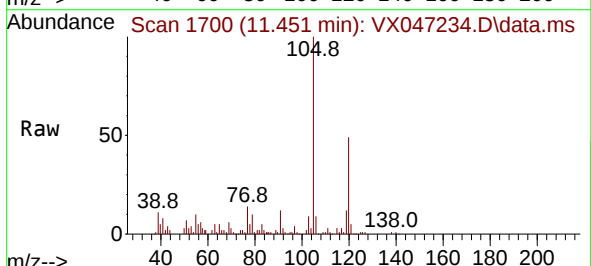
Acq: 05 Aug 2025 14:02

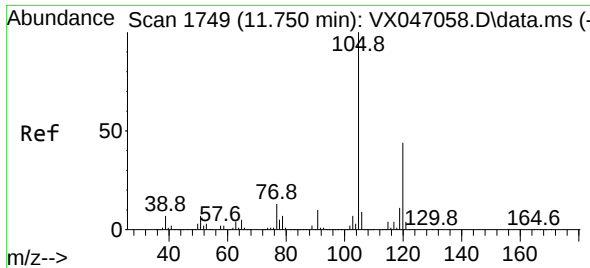
Tgt Ion:105 Resp: 37115

Ion Ratio Lower Upper

105 100

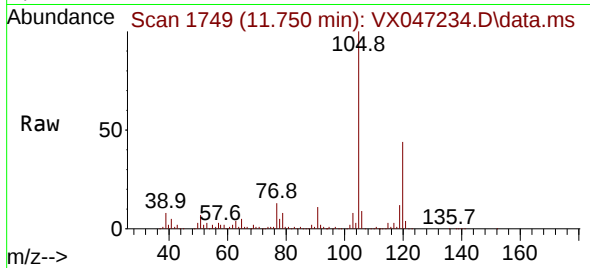
120 47.3 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 6.923 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02

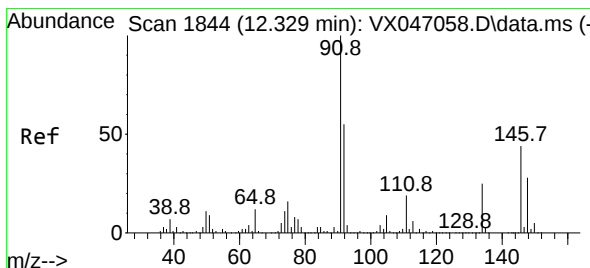
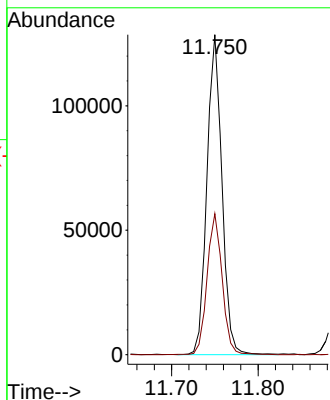
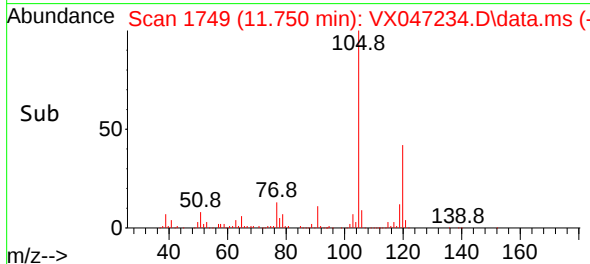
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS



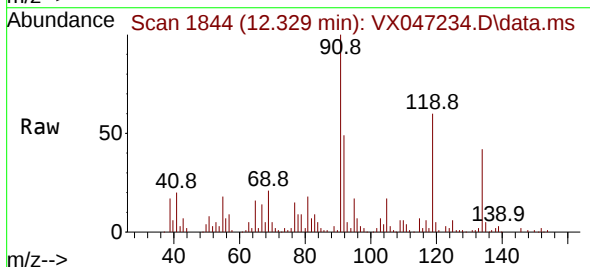
Tgt Ion:105 Resp: 154809
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0

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Supervised By :Semsettin Yesilyurt 08/06/2025



#89
n-Butylbenzene
Concen: 1.420 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047234.D
Acq: 05 Aug 2025 14:02



Tgt Ion: 91 Resp: 31041
Ion Ratio Lower Upper
91 100
92 58.8 27.5 82.5
134 117.4 12.8 38.3#

