

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047368.D
 Acq On : 15 Aug 2025 17:19
 Operator : JC/MD
 Sample : Q2837-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-WTS-13

Quant Time: Aug 18 04:36:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	327465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	657401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	647442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	331594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	267268	58.318	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.640%			
35) Dibromofluoromethane	5.403	113	188578	44.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.400%			
50) Toluene-d8	8.653	98	805553	52.823	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.640%			
62) 4-Bromofluorobenzene	11.079	95	333173	59.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.400%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	8438	21.164	ug/l #	83
16) Acetone	2.392	43	303393	176.120	ug/l	99
17) Carbon Disulfide	2.532	76	6900	0.555	ug/l #	80
25) 2-Butanone	4.605	43	8863m	3.928	ug/l	
30) Chloroform	5.105	83	4504	0.552	ug/l #	83
40) Benzene	6.050	78	16286	0.808	ug/l	91
52) Toluene	8.726	92	7597	0.610	ug/l	98
67) Ethyl Benzene	10.195	91	16082	0.607	ug/l	96
68) m/p-Xylenes	10.305	106	3840	0.389	ug/l	92
69) o-Xylene	10.640	106	2598	0.273	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	4996	0.234	ug/l	94

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

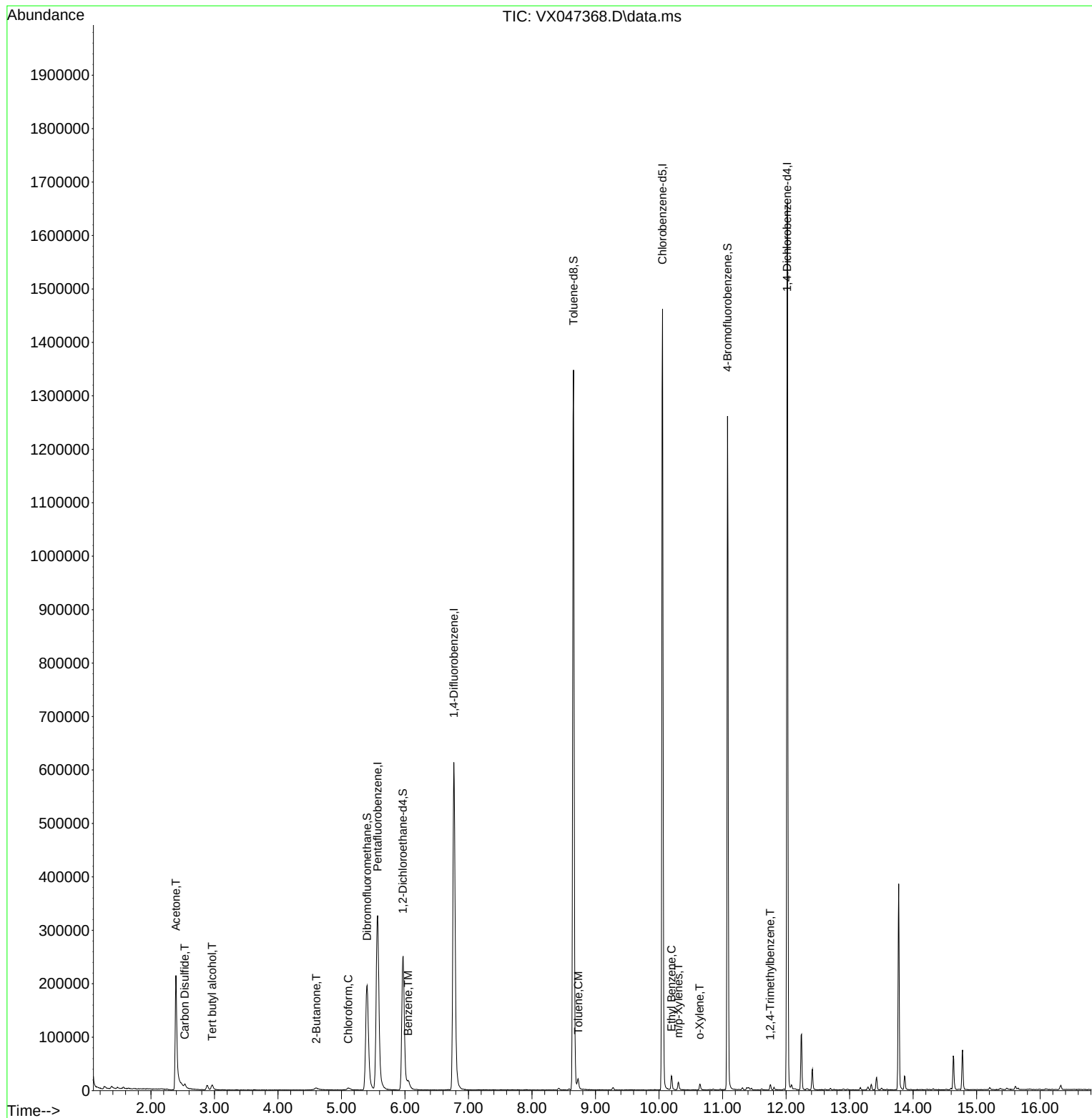
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047368.D
Acq On : 15 Aug 2025 17:19
Operator : JC/MD
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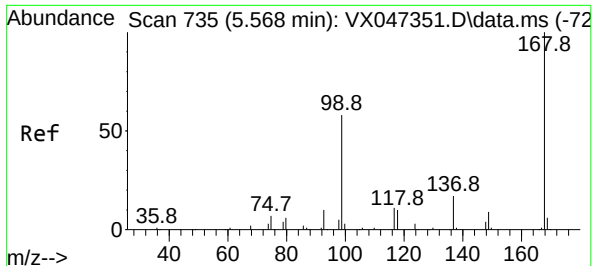
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13

Quant Time: Aug 18 04:36:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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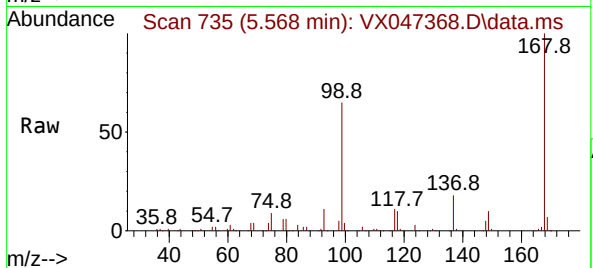
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

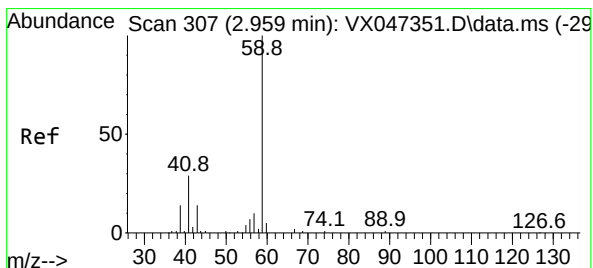
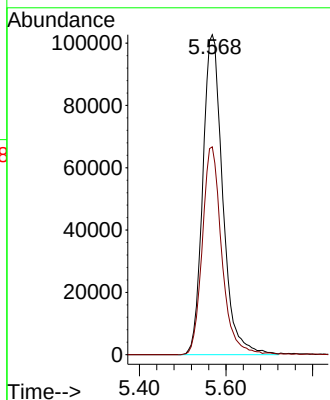
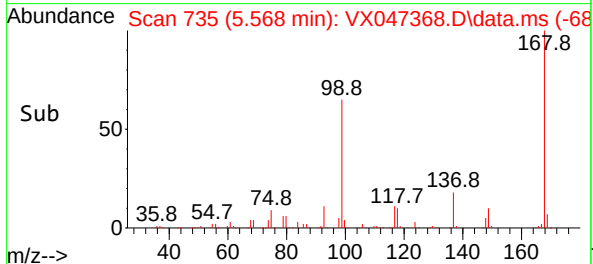
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



Tgt Ion:168 Resp: 32746
Ion Ratio Lower Upper
168 100
99 64.9 47.9 71.9

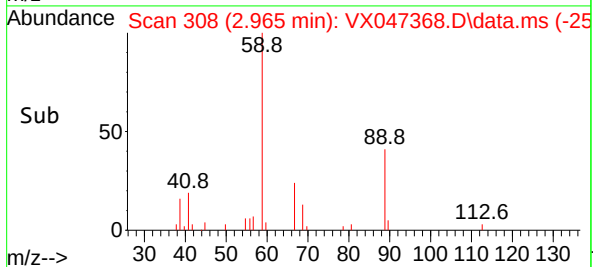
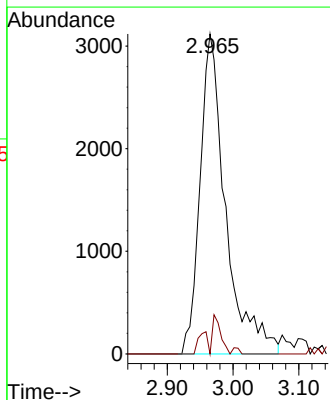
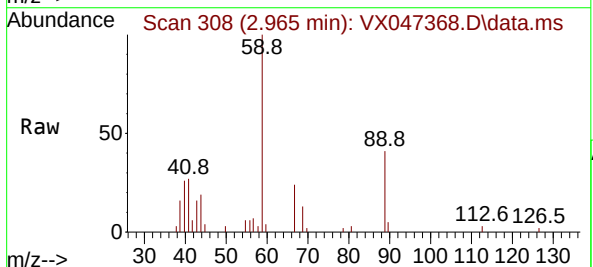
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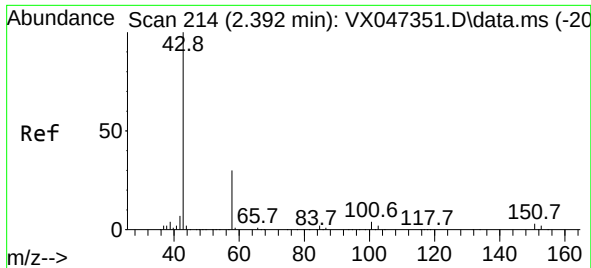
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#11
Tert butyl alcohol
Concen: 21.164 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

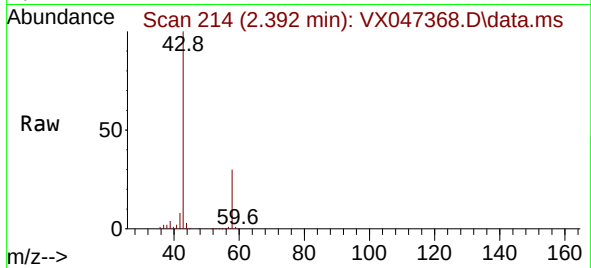
Tgt Ion: 59 Resp: 8438
Ion Ratio Lower Upper
59 100
57 3.9 8.3 12.5#





#16
Acetone
Concen: 176.120 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

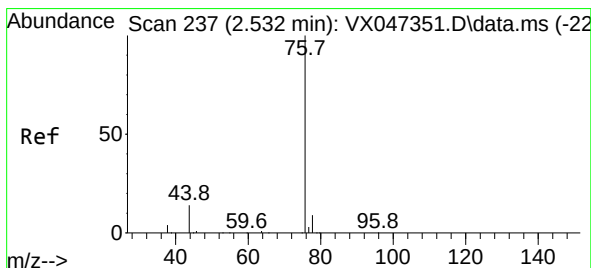
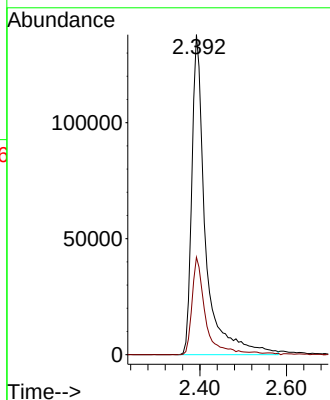
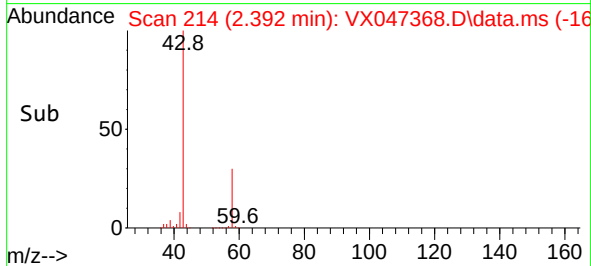
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



Tgt Ion: 43 Resp: 30339
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2

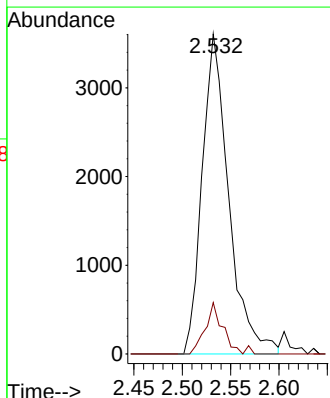
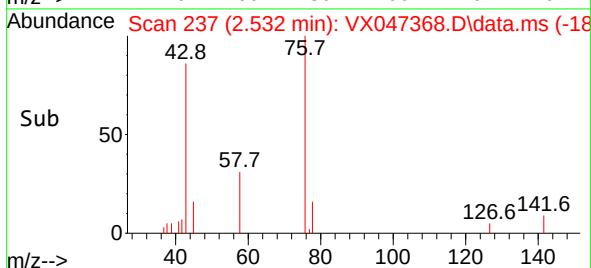
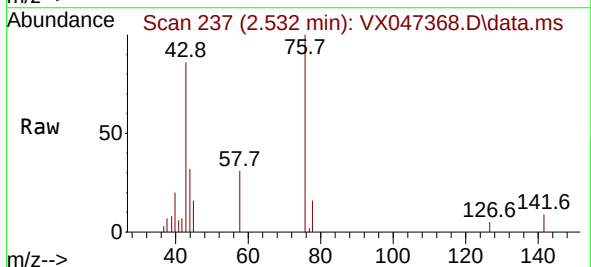
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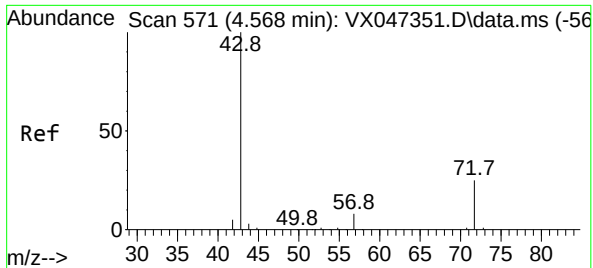
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#17
Carbon Disulfide
Concen: 0.555 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

Tgt Ion: 76 Resp: 6900
Ion Ratio Lower Upper
76 100
78 16.1 7.2 10.8#





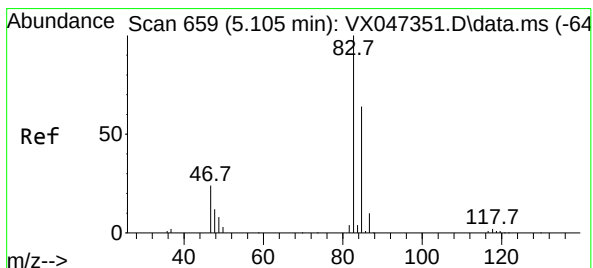
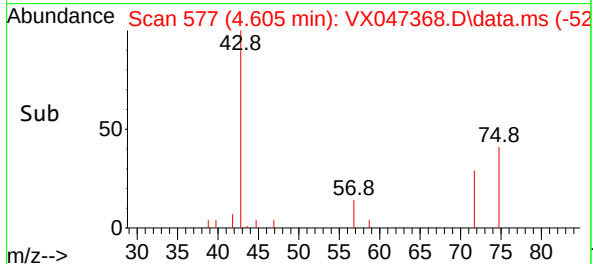
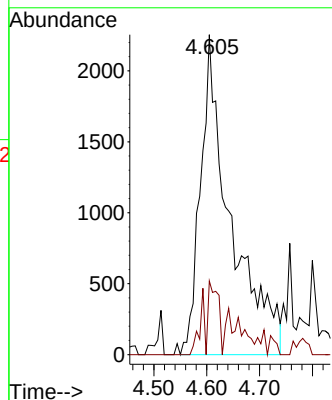
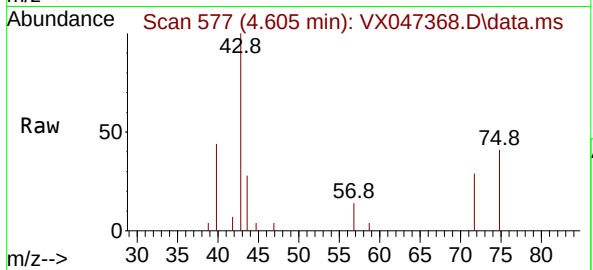
#25
2-Butanone
Concen: 3.928 ug/l m
RT: 4.605 min Scan# 577
Delta R.T. 0.037 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
72 29.4 19.8 29.8

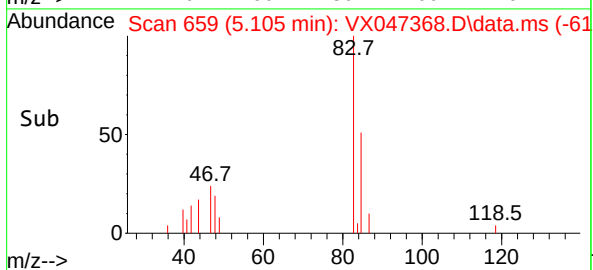
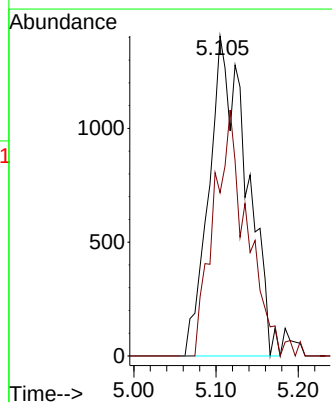
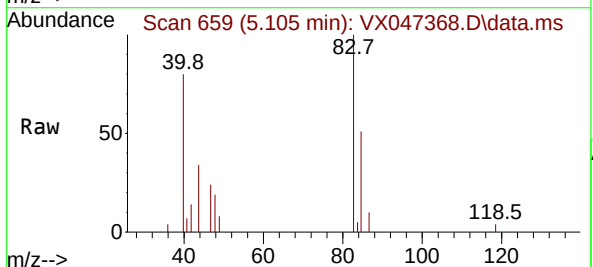
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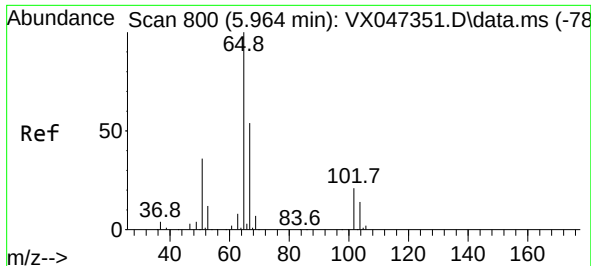
Reviewed By :John Carlone 08/18/2025
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#30
Chloroform
Concen: 0.552 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

Tgt Ion: 83 Resp: 4504
Ion Ratio Lower Upper
83 100
85 51.0 51.2 76.8#





#33

1,2-Dichloroethane-d4

Concen: 58.318 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047368.D

Acq: 15 Aug 2025 17:19

Instrument :

MSVOA_X

ClientSampleId :

TW-WTS-13

Tgt Ion: 65 Resp: 267268

Ion Ratio Lower Upper

65 100

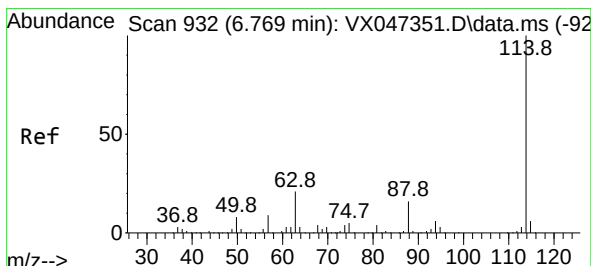
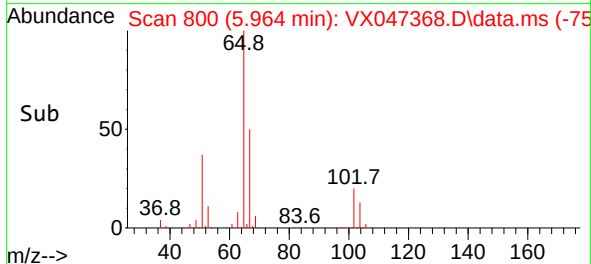
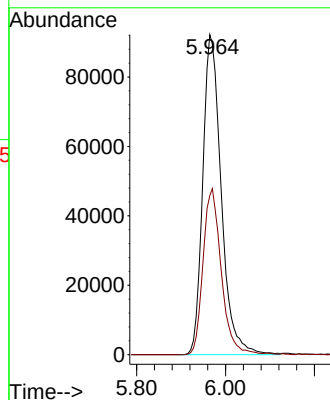
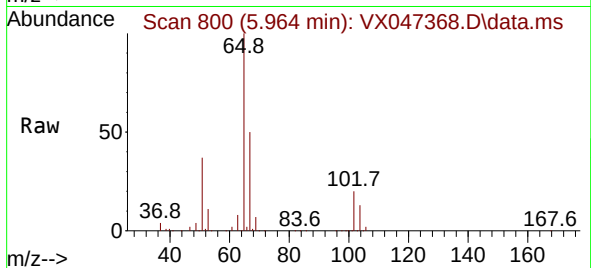
67 51.0 0.0 106.0

Manual Integrations

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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: VX047368.D

Acq: 15 Aug 2025 17:19

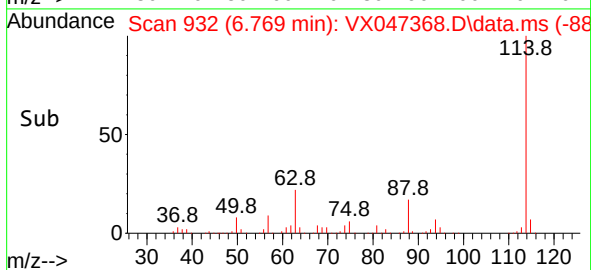
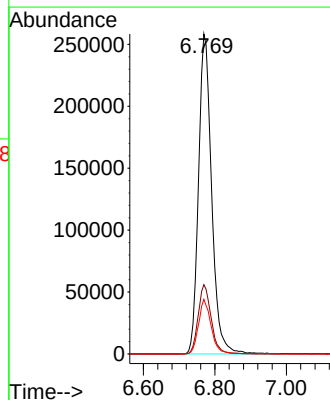
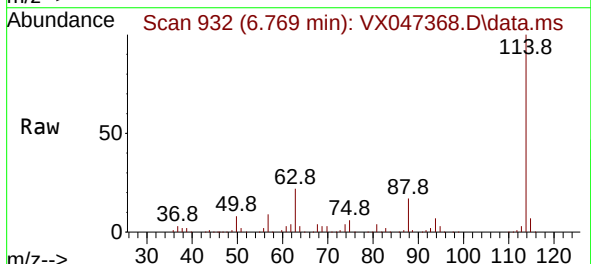
Tgt Ion:114 Resp: 657401

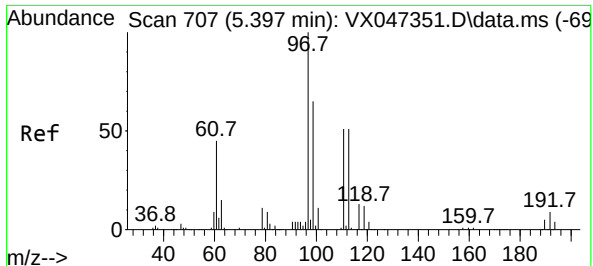
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 17.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.199 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047368.D

Acq: 15 Aug 2025 17:19

Instrument :

MSVOA_X

ClientSampleId :

TW-WTS-13

Tgt Ion:113 Resp: 188578

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

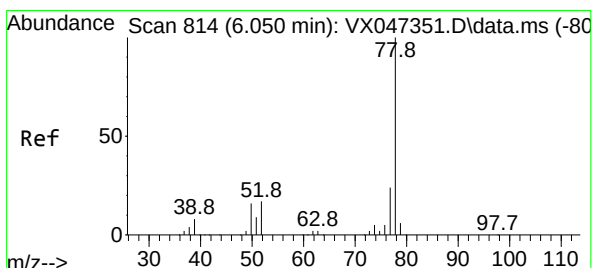
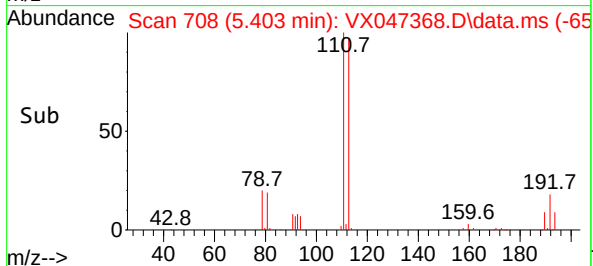
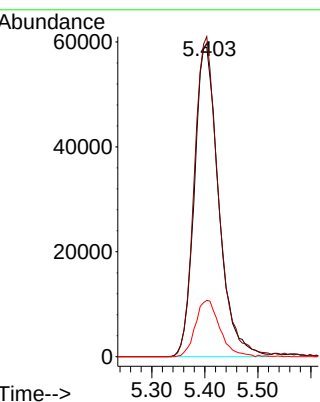
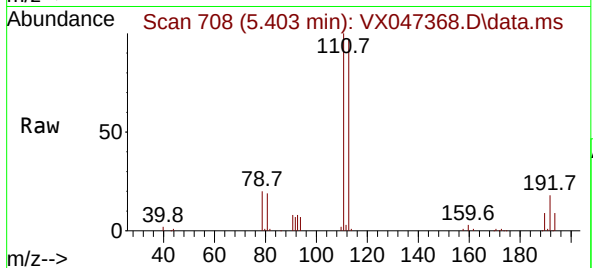
192 18.2 14.1 21.1

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#40

Benzene

Concen: 0.808 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.000 min

Lab File: VX047368.D

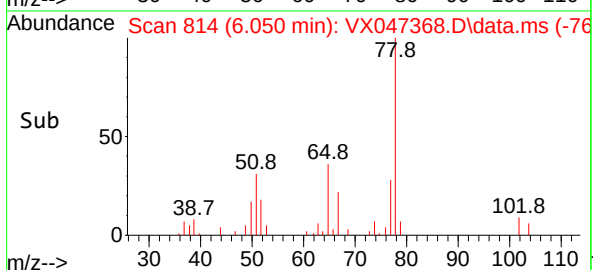
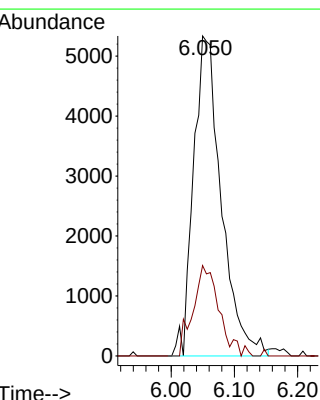
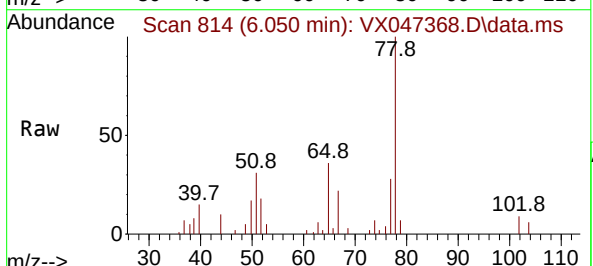
Acq: 15 Aug 2025 17:19

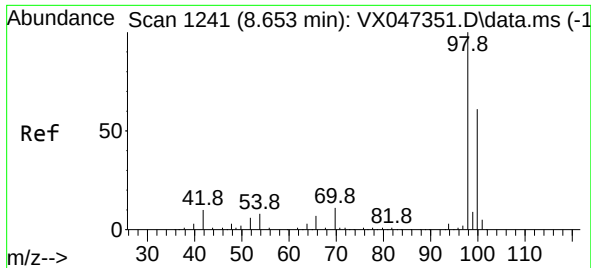
Tgt Ion: 78 Resp: 16286

Ion Ratio Lower Upper

78 100

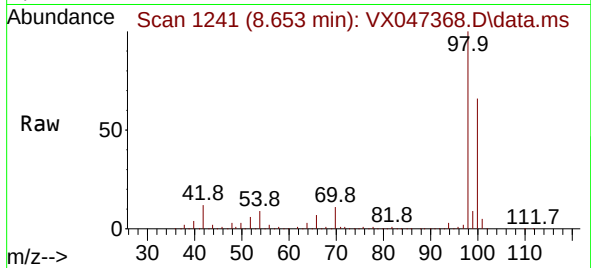
77 28.2 19.0 28.4





#50
Toluene-d8
Concen: 52.823 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

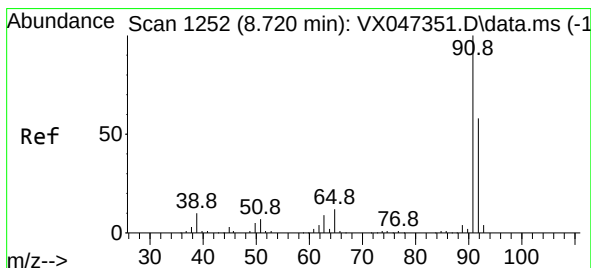
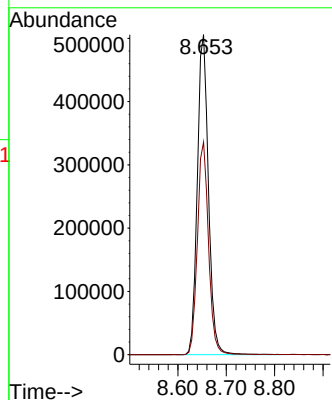
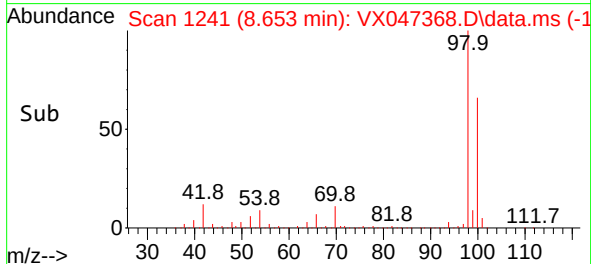
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



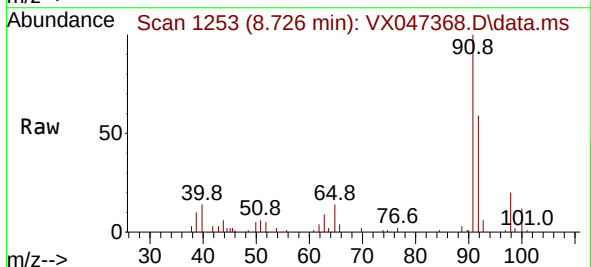
Tgt Ion: 98 Resp: 80555
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9

Manual Integrations
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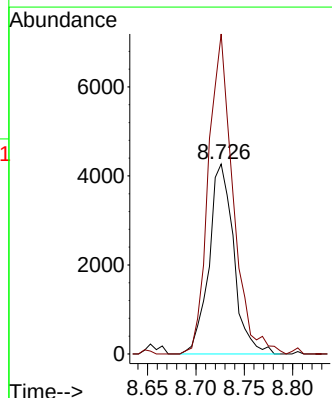
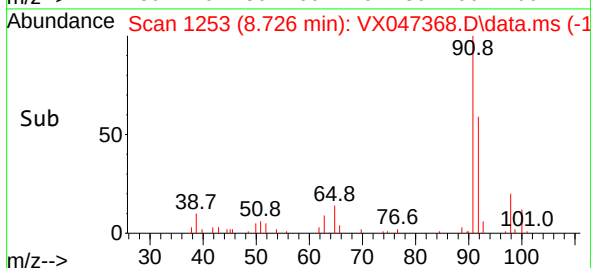
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

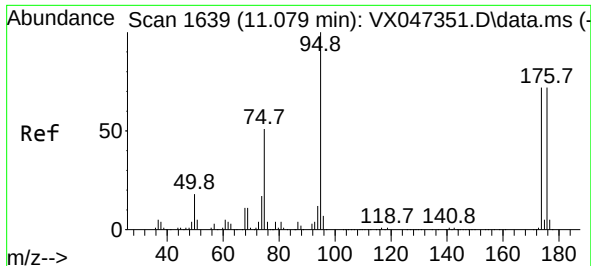


#52
Toluene
Concen: 0.610 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19



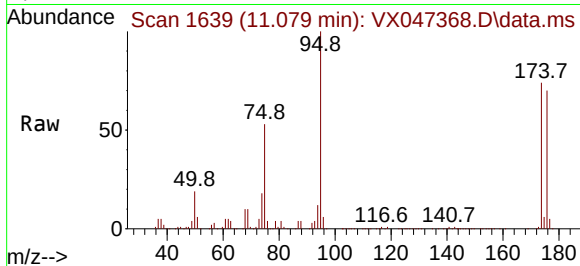
Tgt Ion: 92 Resp: 7597
Ion Ratio Lower Upper
92 100
91 167.3 136.3 204.5





#62
4-Bromofluorobenzene
Concen: 59.204 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

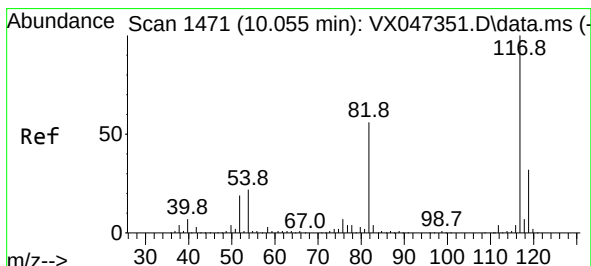
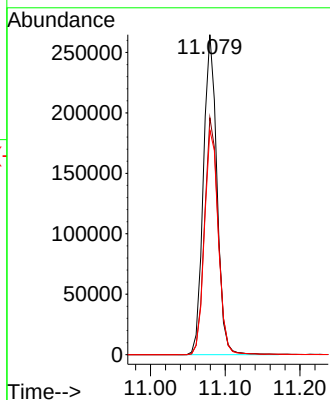
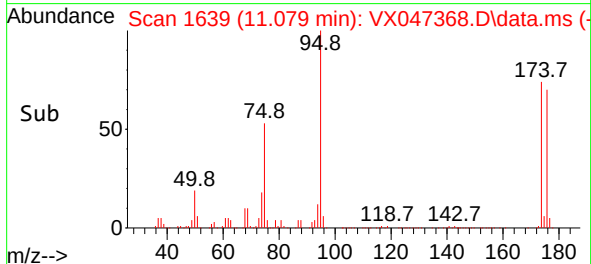
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



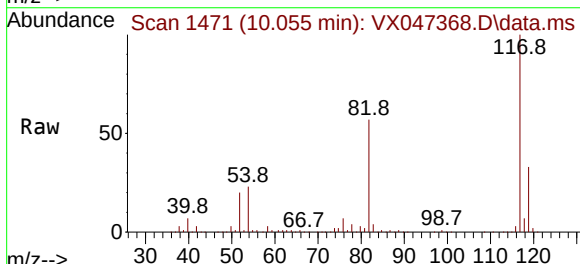
Tgt Ion: 95 Resp: 33317
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.0
176 72.1 0.0 145.4

Manual Integrations
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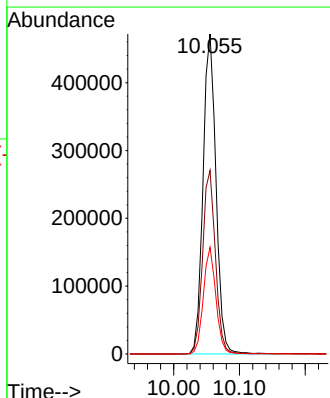
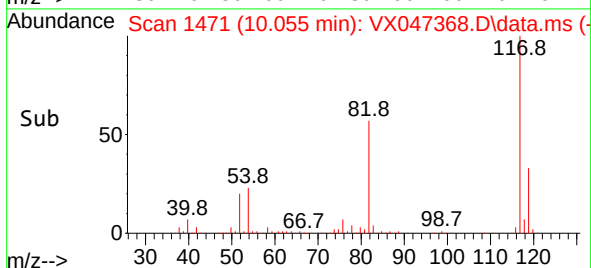
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

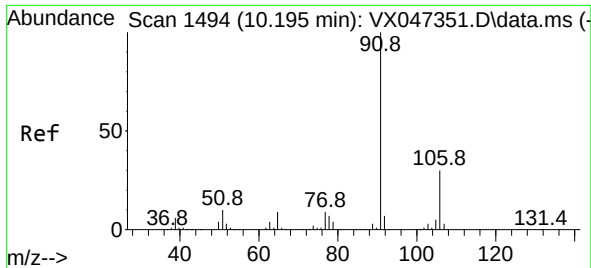


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19



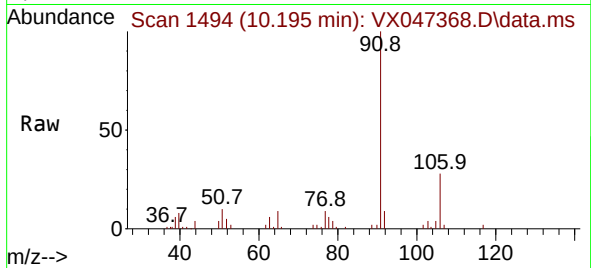
Tgt Ion:117 Resp: 647442
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 33.3 25.8 38.8





#67
Ethyl Benzene
Concen: 0.607 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

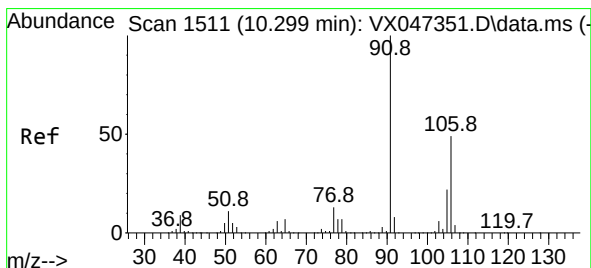
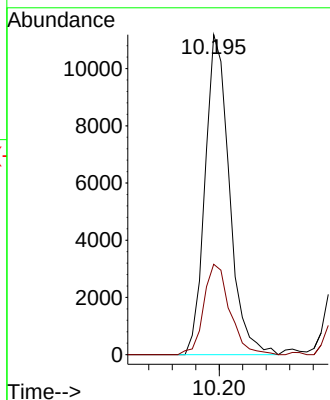
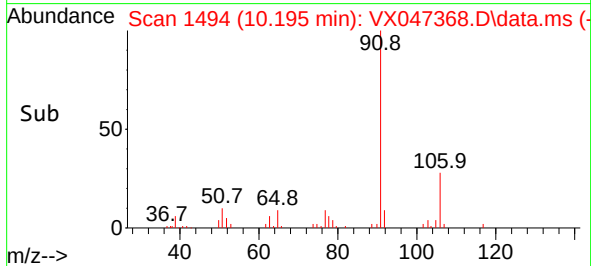
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



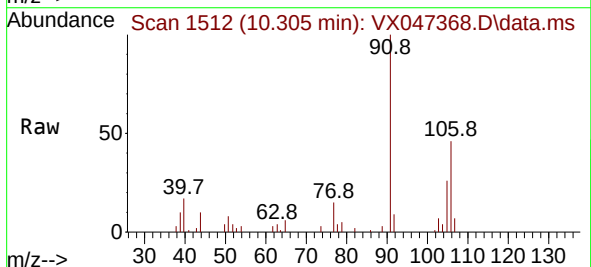
Tgt Ion: 91 Resp: 1608
Ion Ratio Lower Upper
91 100
106 28.2 24.4 36.6

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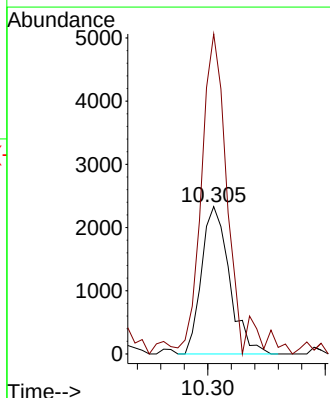
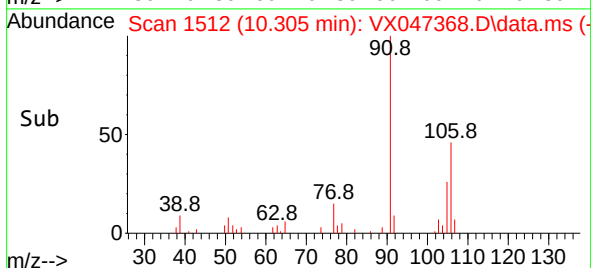
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

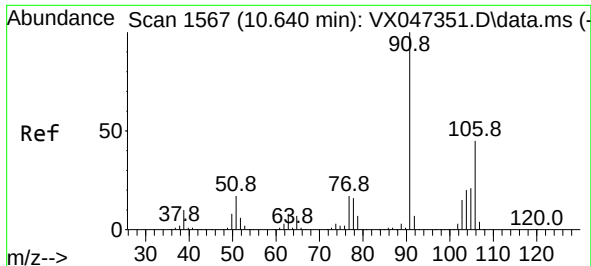


#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19



Tgt Ion:106 Resp: 3840
Ion Ratio Lower Upper
106 100
91 192.9 164.7 247.1





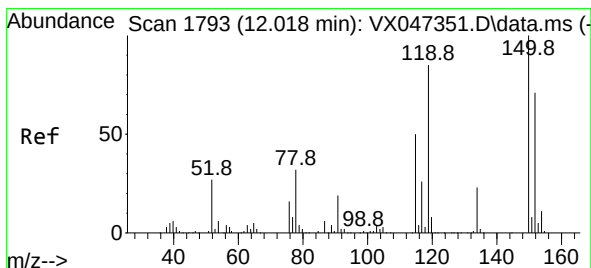
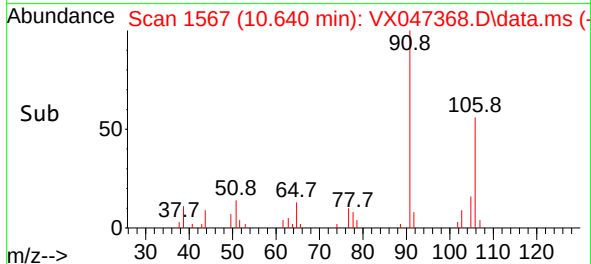
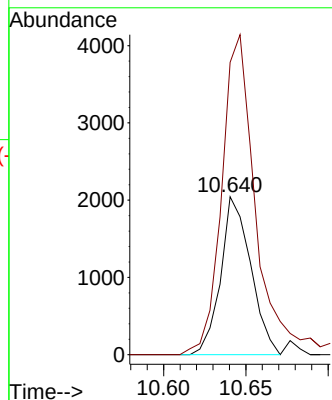
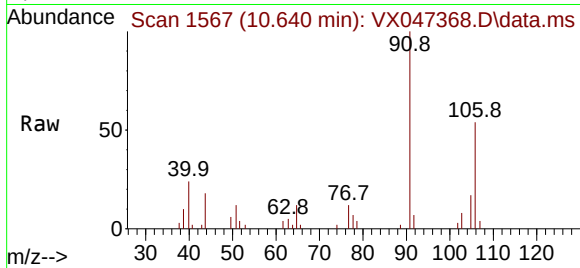
#69
o-Xylene
Concen: 0.273 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13

Tgt Ion:106 Resp: 2598
Ion Ratio Lower Upper
106 100
91 234.0 110.6 331.8

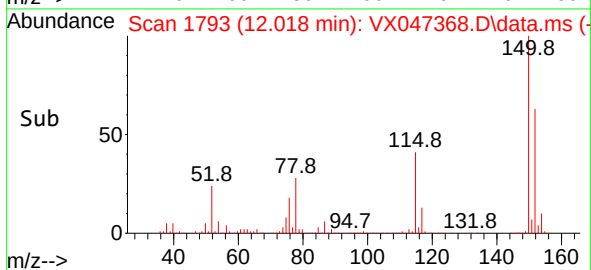
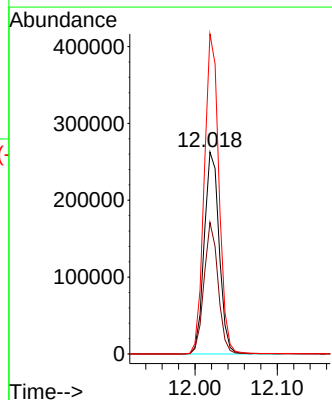
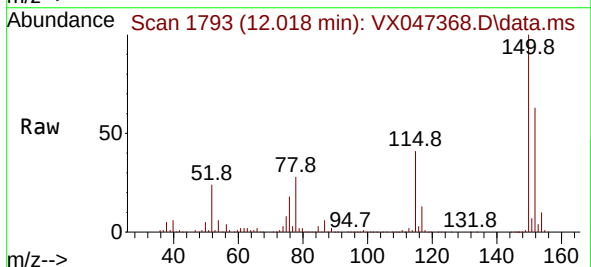
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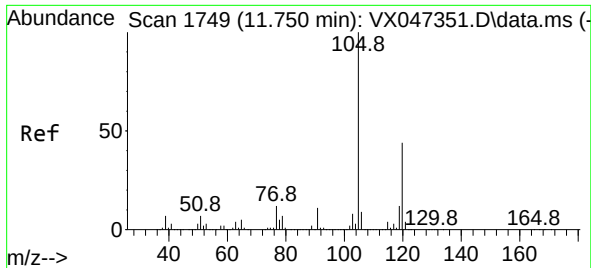
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047368.D
Acq: 15 Aug 2025 17:19

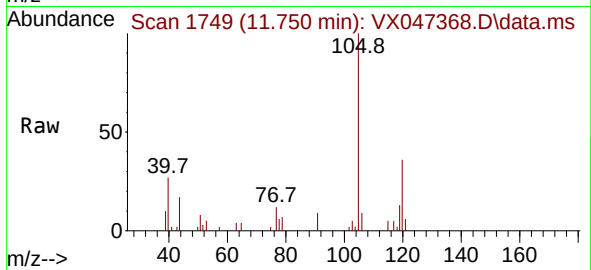
Tgt Ion:152 Resp: 331594
Ion Ratio Lower Upper
152 100
115 61.4 44.6 133.8
150 155.4 0.0 349.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.234 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047368.D
 Acq: 15 Aug 2025 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-WTS-13



Tgt Ion:105 Resp: 4990
 Ion Ratio Lower Upper
 105 100
 120 39.7 21.9 65.7

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

