

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047086.D
 Acq On : 23 Jul 2025 13:25
 Operator : JC/MD
 Sample : Q2672-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-25-0124

Quant Time: Jul 24 05:48:47 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	332597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	599767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	289510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	217415	52.476	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.960%			
35) Dibromofluoromethane	5.397	113	173428	46.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.660%			
50) Toluene-d8	8.653	98	630681	52.589	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.180%			
62) 4-Bromofluorobenzene	11.079	95	259334	50.179	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.360%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	55226	33.274	ug/l	94
18) Methyl Acetate	2.715	43	35474	8.043	ug/l	95
20) Methylene Chloride	2.806	84	19478	4.266	ug/l	95
25) 2-Butanone	4.580	43	43652	18.062	ug/l	97
37) Ethyl Acetate	4.745	43	21707m	3.732	ug/l	
40) Benzene	6.049	78	1073381	58.757	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	141744m	26.299	ug/l	
52) Toluene	8.720	92	524657	46.708	ug/l	99
67) Ethyl Benzene	10.195	91	46168	1.983	ug/l	95
68) m/p-Xylenes	10.299	106	172351	19.781	ug/l	98
69) o-Xylene	10.640	106	83553	10.080	ug/l	97
70) Styrene	10.652	104	99506	7.001	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	26208	1.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	75533	4.013	ug/l	80
95) Naphthalene	13.774	128	795402	41.277	ug/l	100

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

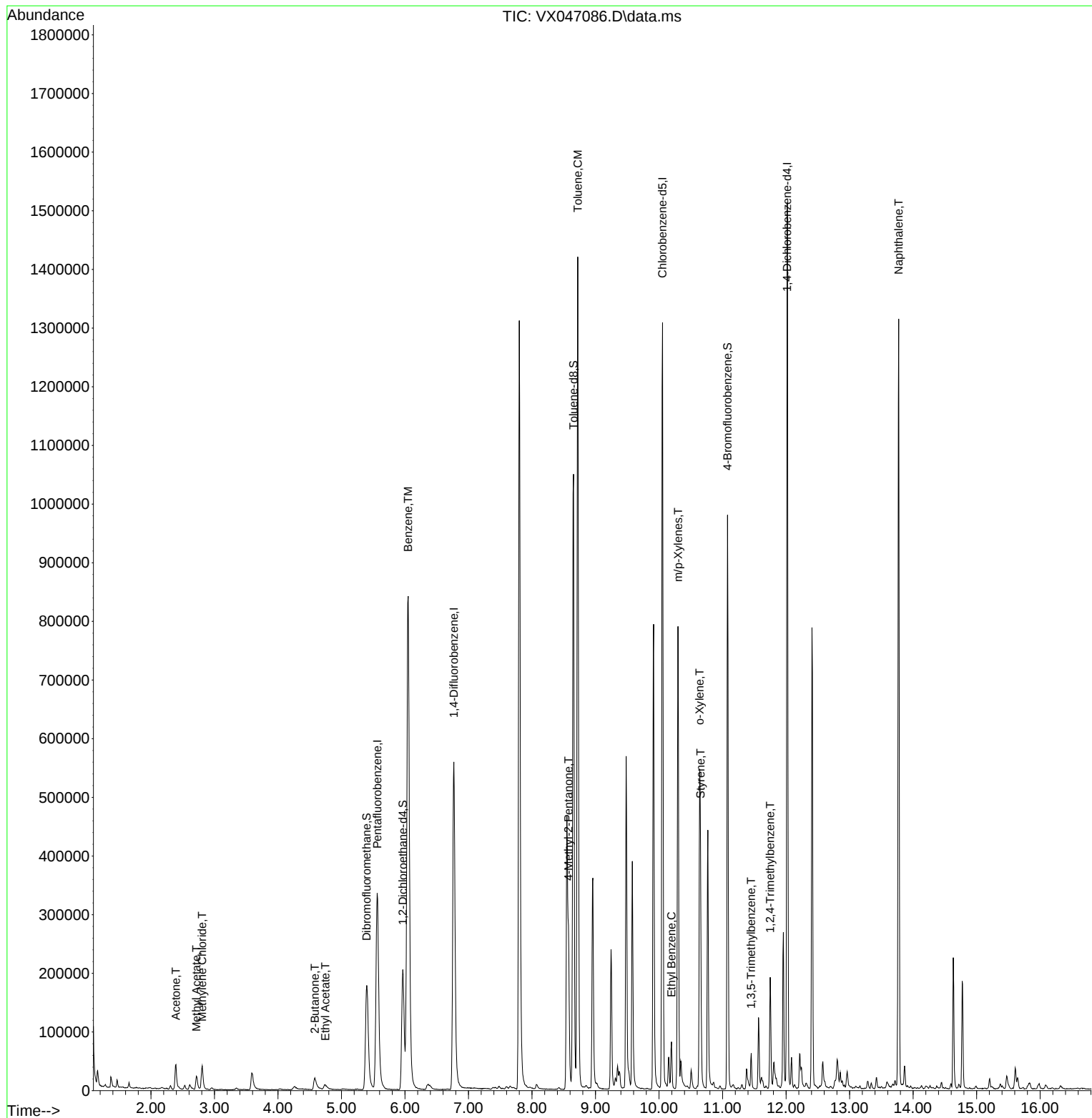
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047086.D
Acq On : 23 Jul 2025 13:25
Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124

Quant Time: Jul 24 05:48:47 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

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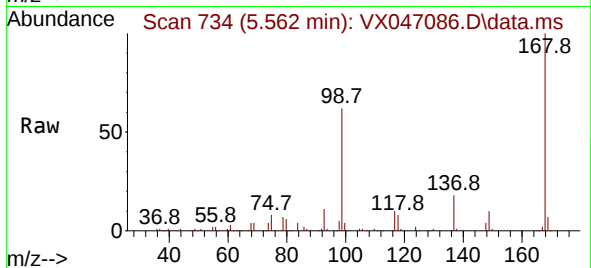
Reviewed By : John Carlone 07/24/2025
Supervised By : Mahesh Dadoda 07/24/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

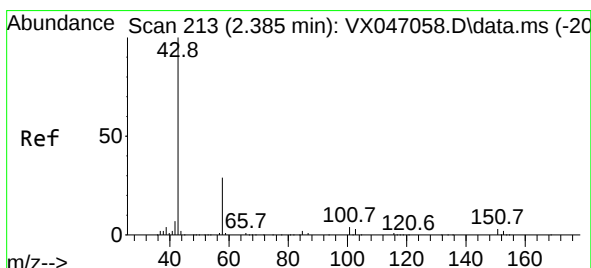
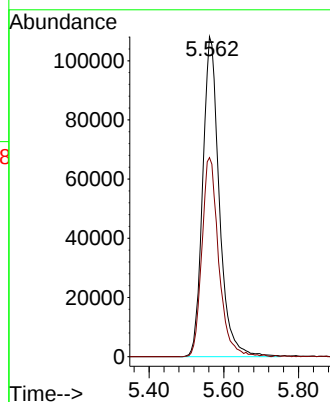
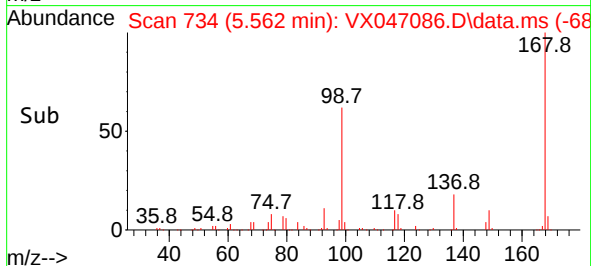
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124



Tgt Ion:168 Resp: 33259
Ion Ratio Lower Upper
168 100
99 62.2 48.0 72.0

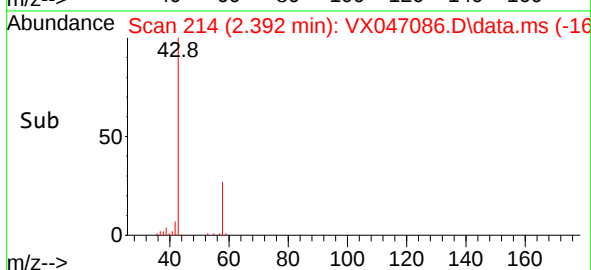
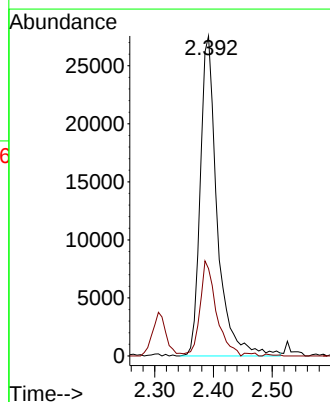
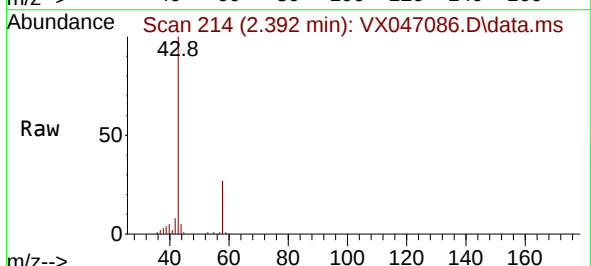
Manual Integrations
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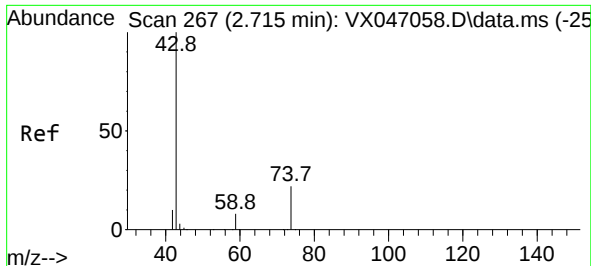
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#16
Acetone
Concen: 33.274 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

Tgt Ion: 43 Resp: 55226
Ion Ratio Lower Upper
43 100
58 27.0 24.0 36.0





#18
Methyl Acetate
Concen: 8.043 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

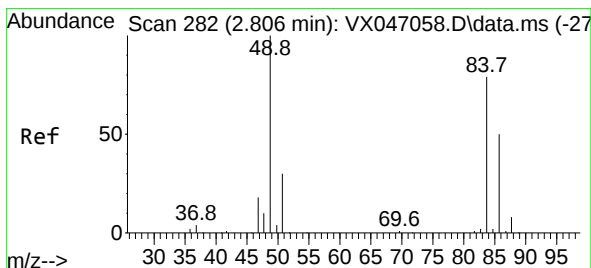
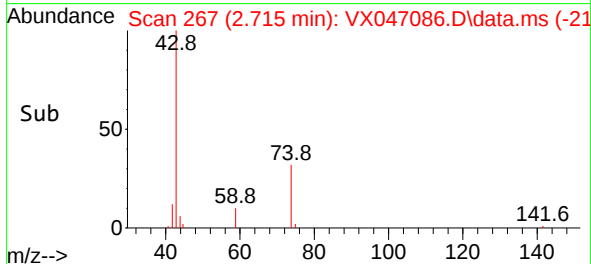
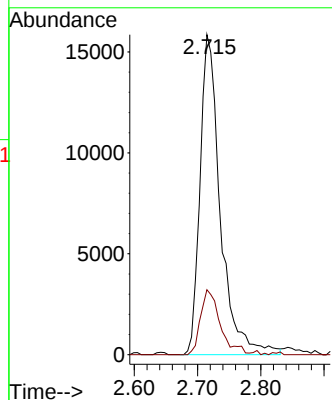
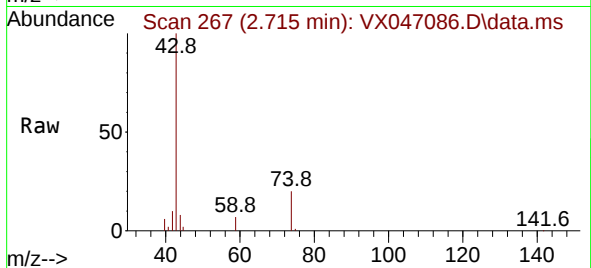
AUD-25-0124

Tgt Ion: 43 Resp: 35474
Ion Ratio Lower Upper
43 100
74 19.6 17.7 26.5

Manual Integrations

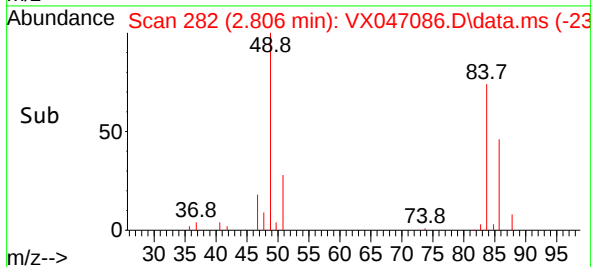
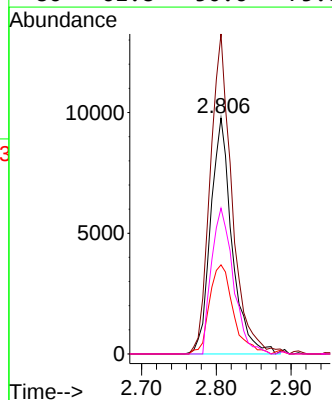
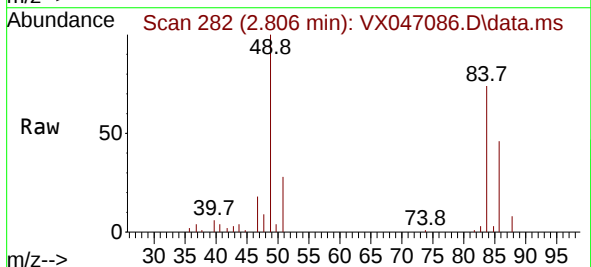
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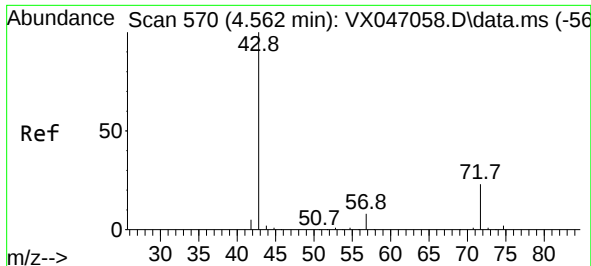
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#20
Methylene Chloride
Concen: 4.266 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

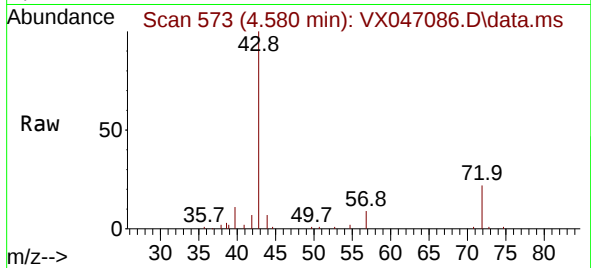
Tgt Ion: 84 Resp: 19478
Ion Ratio Lower Upper
84 100
49 135.6 101.6 152.4
51 37.7 30.3 45.5
86 61.8 50.6 75.8





#25
2-Butanone
Concen: 18.062 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

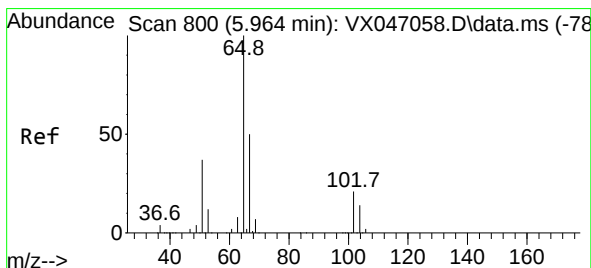
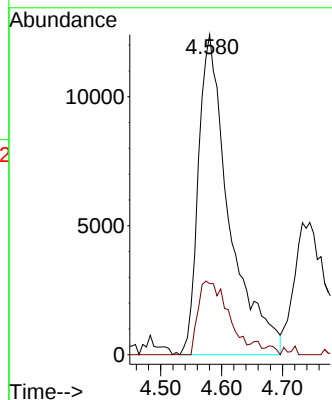
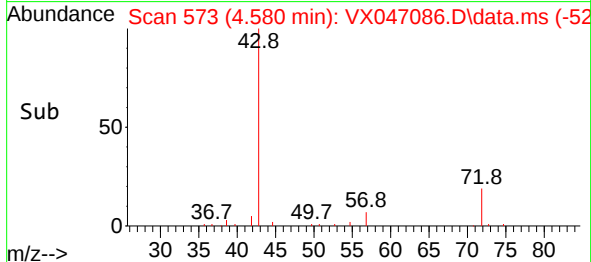
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124



Tgt Ion: 43 Resp: 43652
Ion Ratio Lower Upper
43 100
72 22.2 18.8 28.2

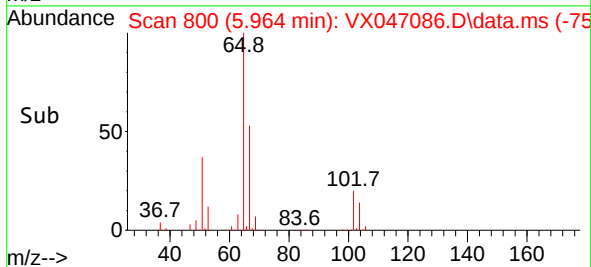
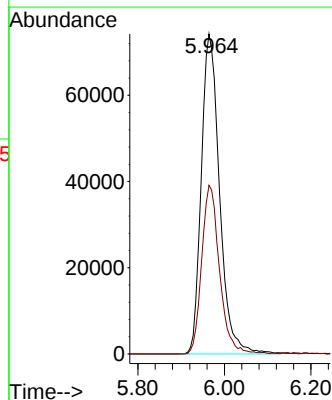
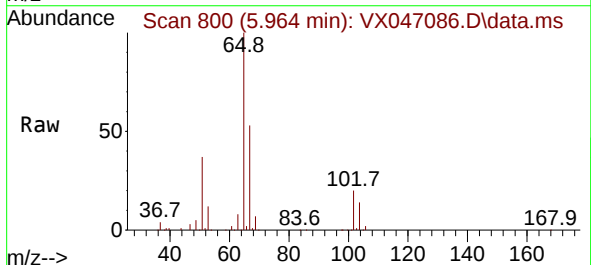
Manual Integrations
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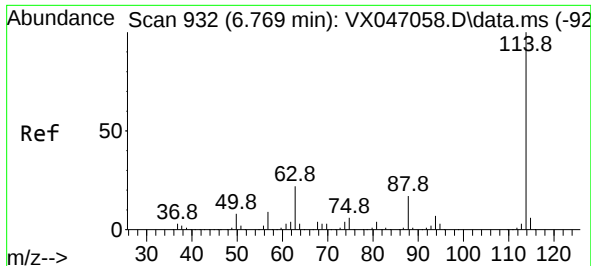
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#33
1,2-Dichloroethane-d4
Concen: 52.476 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

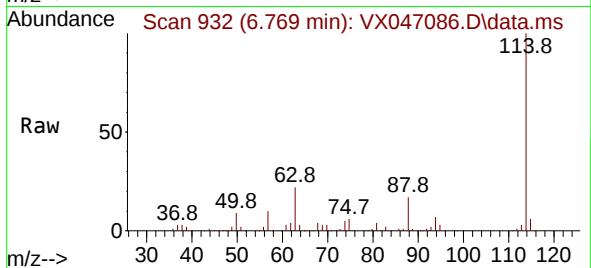
Tgt Ion: 65 Resp: 217415
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

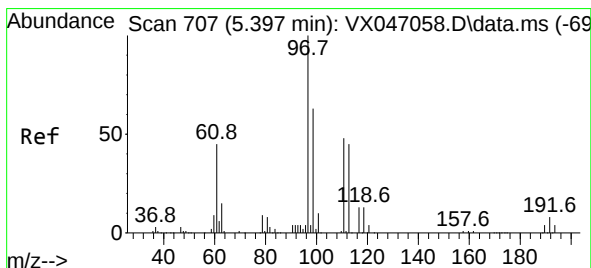
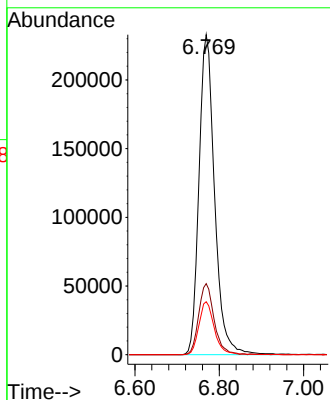
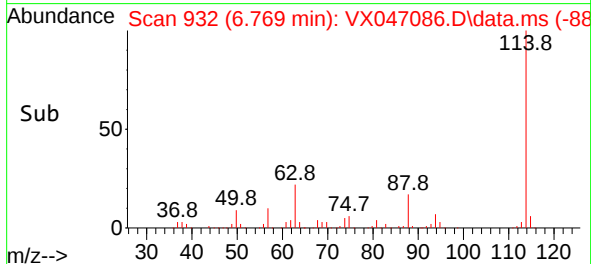
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124



Tgt Ion:114 Resp: 59976
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 16.5 0.0 33.8

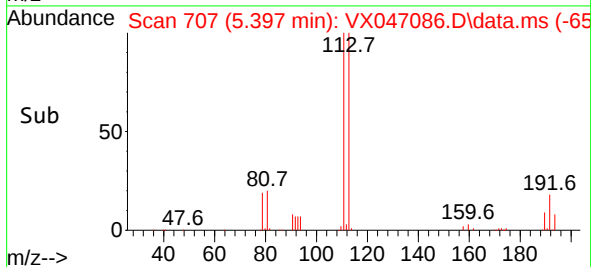
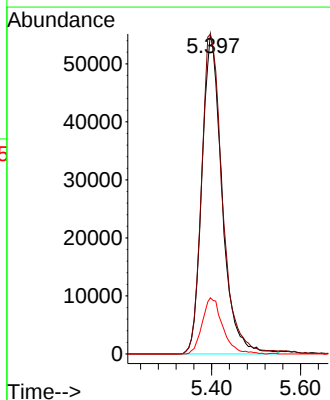
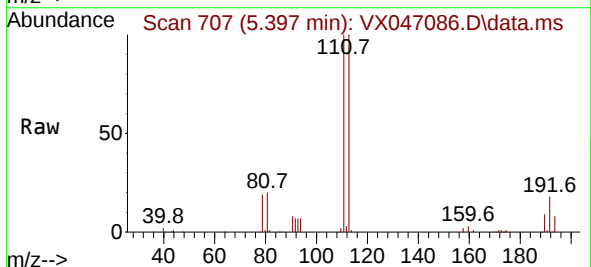
Manual Integrations
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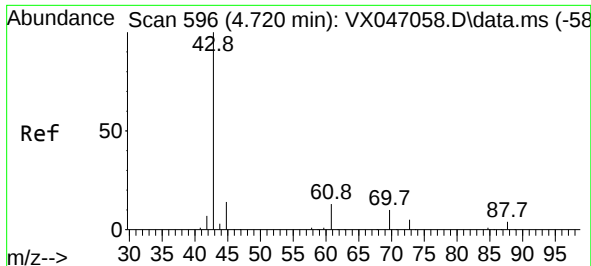
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#35
Dibromofluoromethane
Concen: 46.832 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

Tgt Ion:113 Resp: 173428
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 17.9 14.9 22.3





#37

Ethyl Acetate

Concen: 3.732 ug/l m

RT: 4.745 min Scan# 600

Delta R.T. 0.025 min

Lab File: VX047086.D

Acq: 23 Jul 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

AUD-25-0124

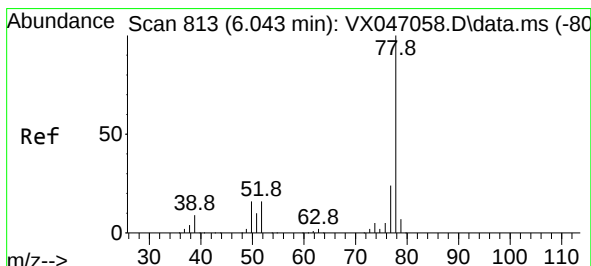
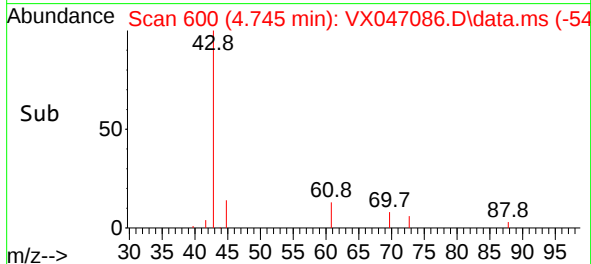
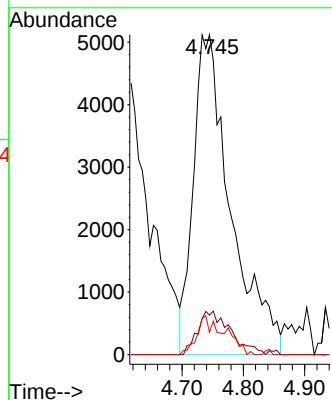
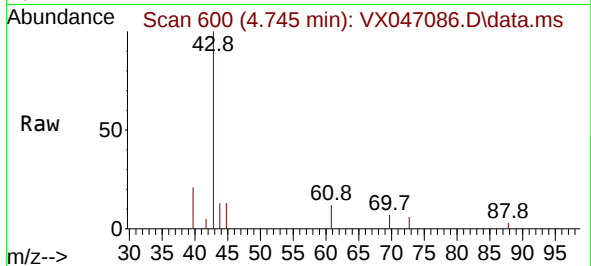
Tgt Ion:	43	Resp:	2170
Ion Ratio	Lower	Upper	
43	100		
61	12.0	10.2	15.2
70	6.7	8.1	12.1

Manual Integrations

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#40

Benzene

Concen: 58.757 ug/l

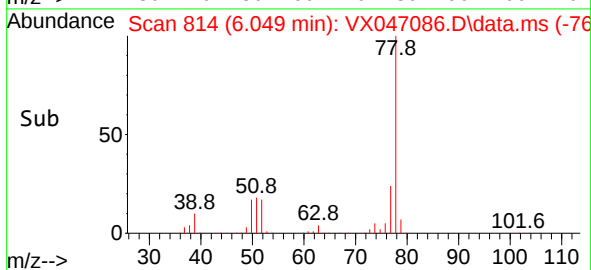
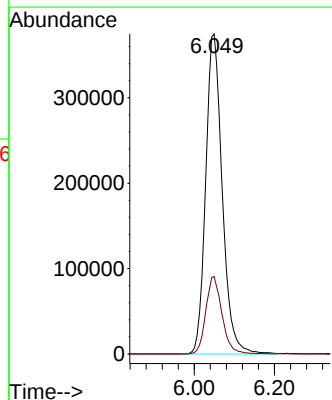
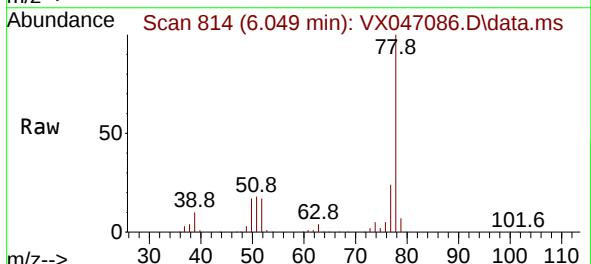
RT: 6.049 min Scan# 814

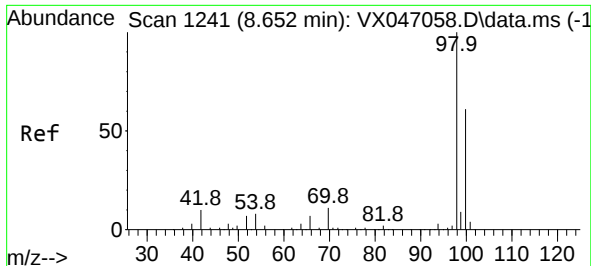
Delta R.T. 0.006 min

Lab File: VX047086.D

Acq: 23 Jul 2025 13:25

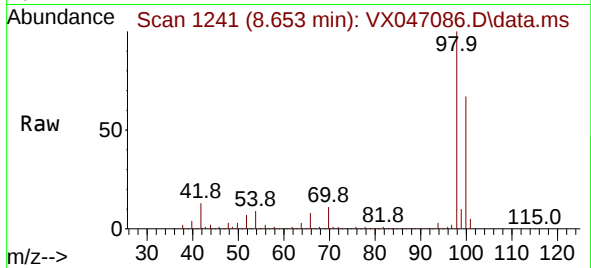
Tgt Ion:	78	Resp:	1073381
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.0	28.4





#50
Toluene-d8
Concen: 52.589 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

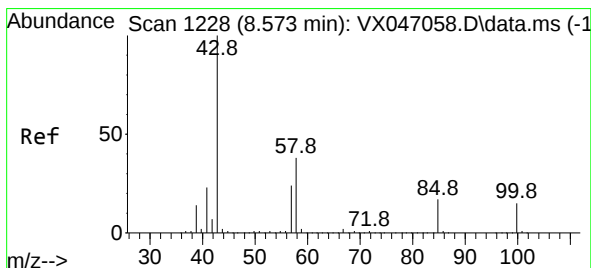
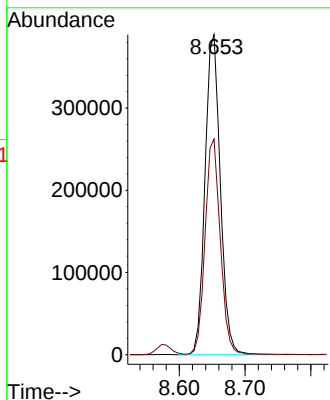
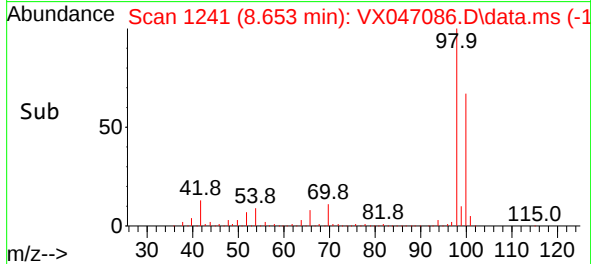
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124



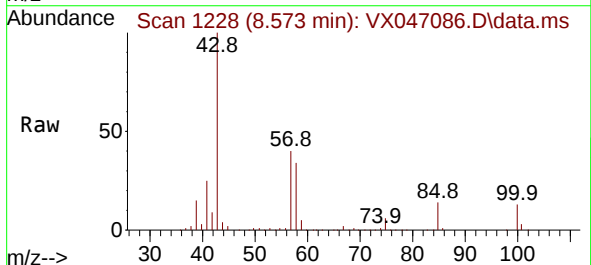
Tgt Ion: 98 Resp: 63068
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9

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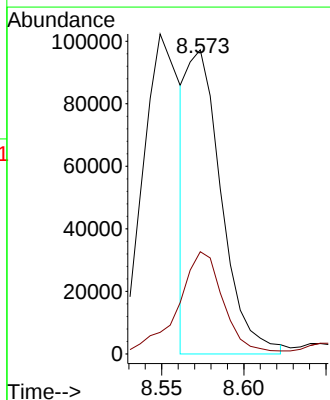
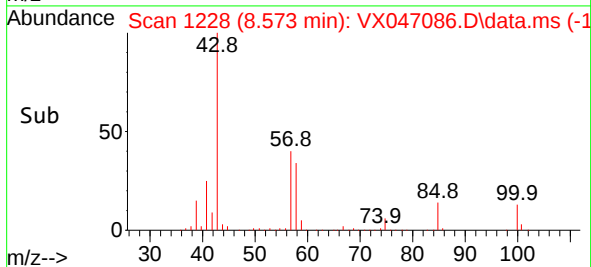
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

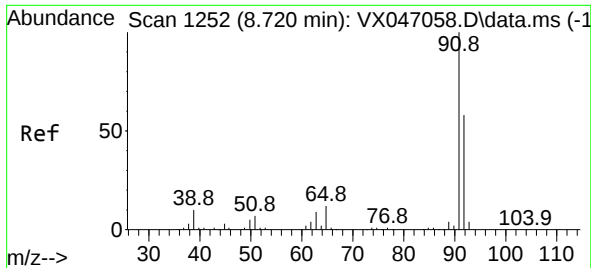


#51
4-Methyl-2-Pentanone
Concen: 26.299 ug/l m
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25



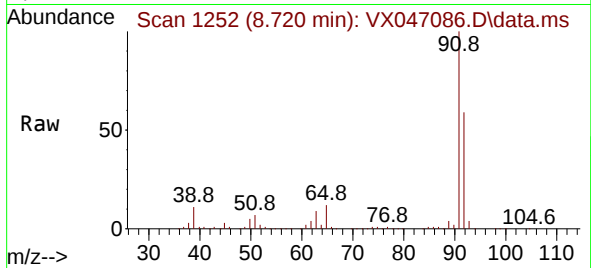
Tgt Ion: 43 Resp: 141744
Ion Ratio Lower Upper
43 100
58 0.0 30.6 45.8#





#52
Toluene
Concen: 46.708 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

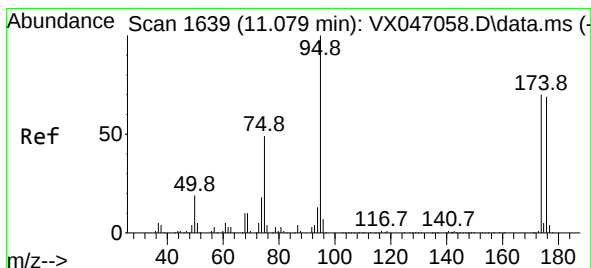
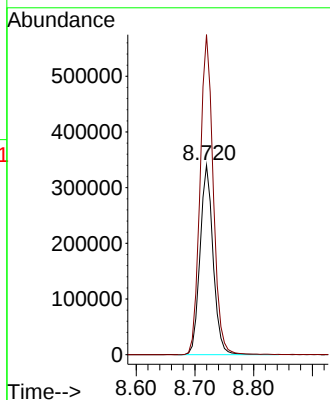
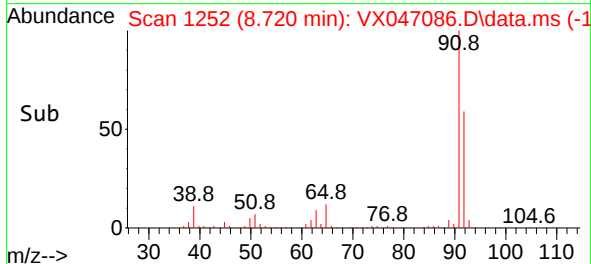
Instrument :
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AUD-25-0124



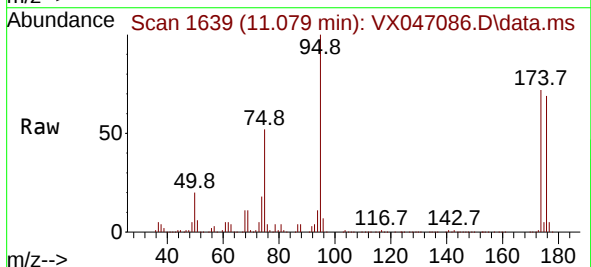
Tgt Ion: 92 Resp: 52465
Ion Ratio Lower Upper
92 100
91 170.6 137.9 206.9

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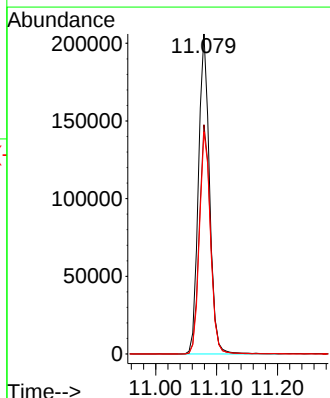
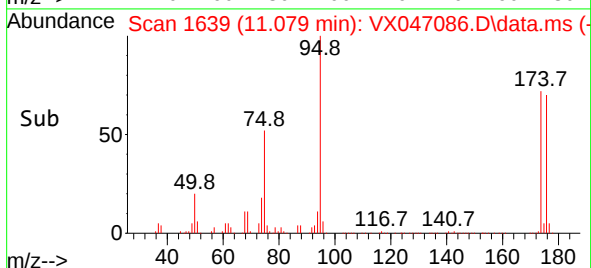
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

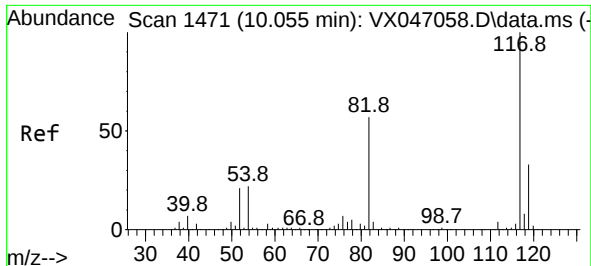


#62
4-Bromofluorobenzene
Concen: 50.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25



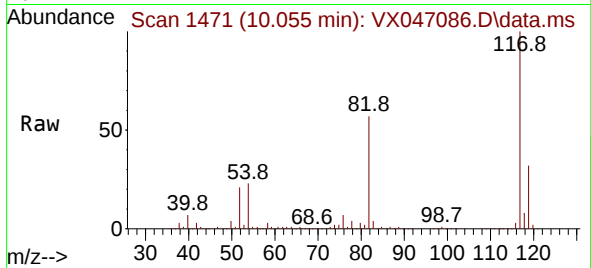
Tgt Ion: 95 Resp: 259334
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.6
176 69.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

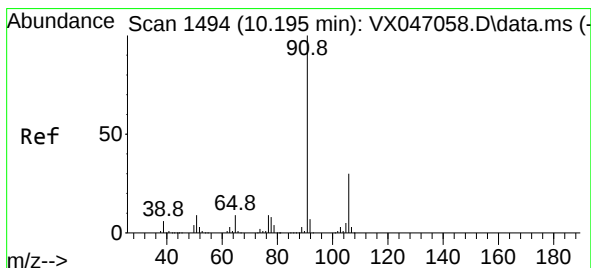
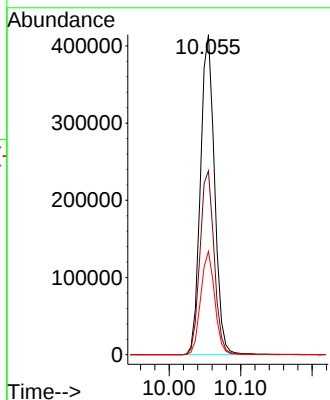
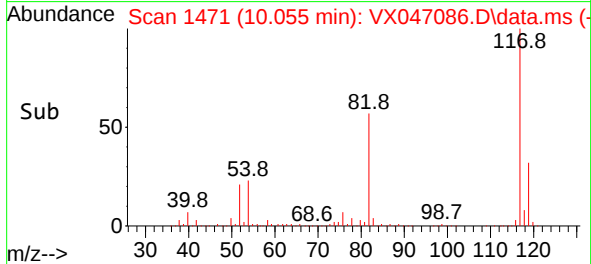
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124



Tgt Ion:117 Resp: 568420
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 32.3 26.1 39.1

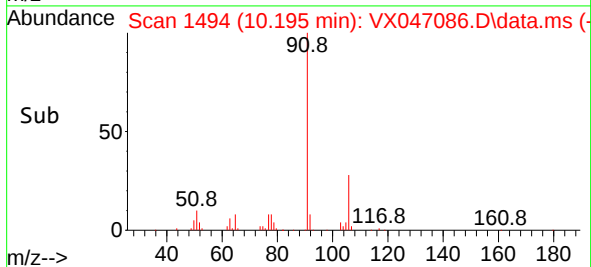
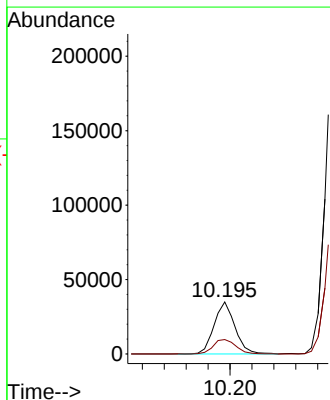
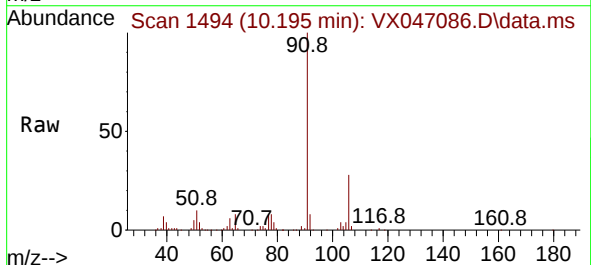
Manual Integrations
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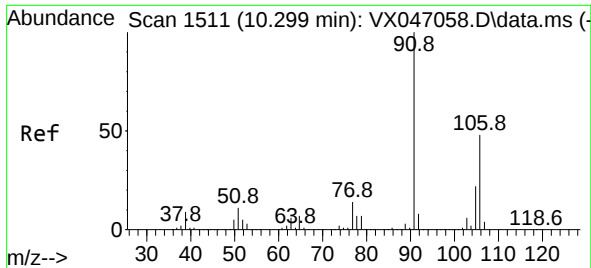
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#67
Ethyl Benzene
Concen: 1.983 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

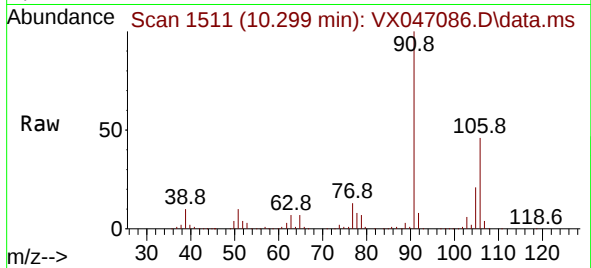
Tgt Ion: 91 Resp: 46168
Ion Ratio Lower Upper
91 100
106 27.5 24.2 36.4





#68
m/p-Xylenes
Concen: 19.781 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

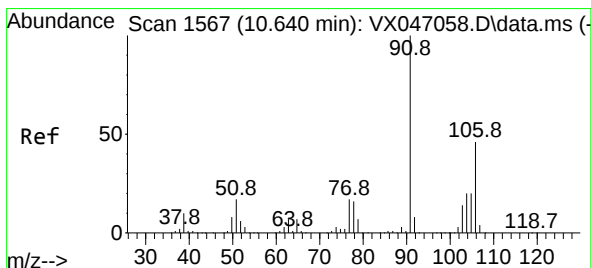
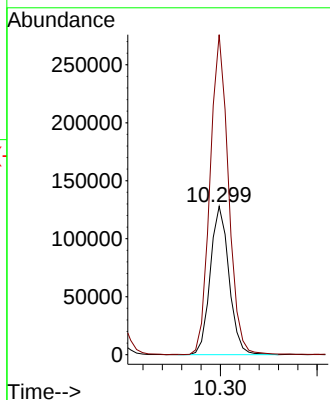
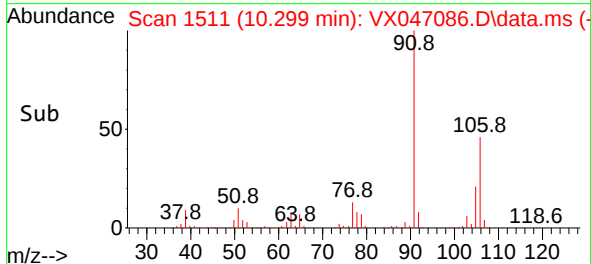
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124



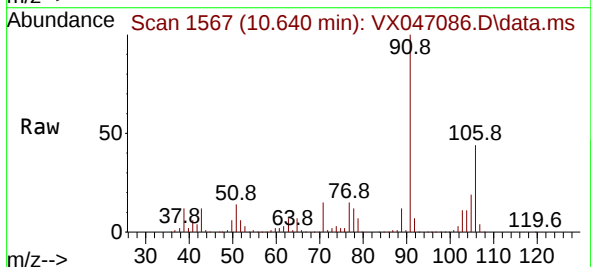
Tgt Ion:106 Resp: 172353
Ion Ratio Lower Upper
106 100
91 212.9 167.4 251.0

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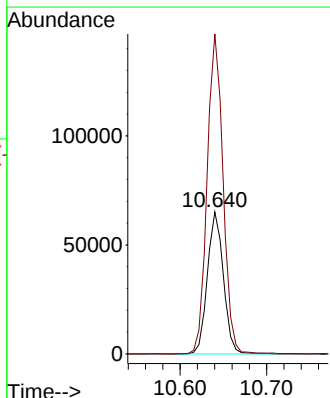
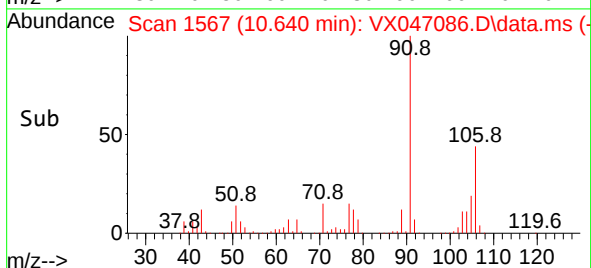
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

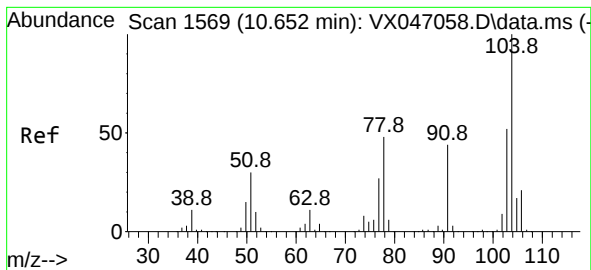


#69
o-Xylene
Concen: 10.080 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25



Tgt Ion:106 Resp: 83553
Ion Ratio Lower Upper
106 100
91 225.4 110.3 331.0





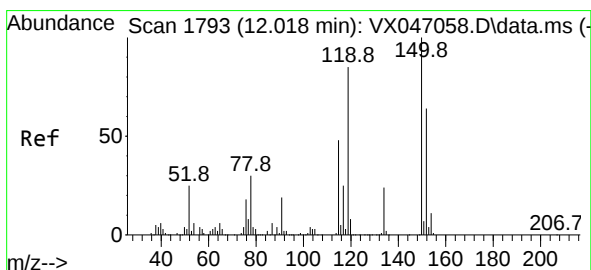
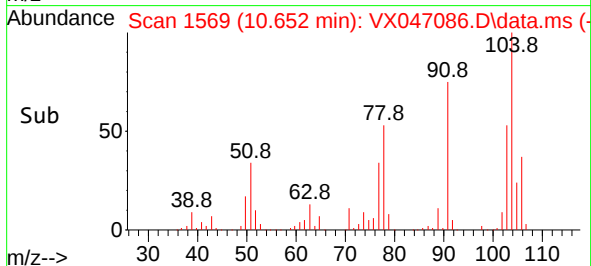
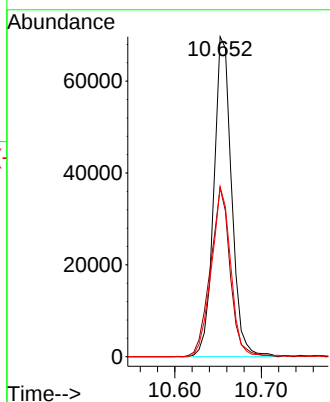
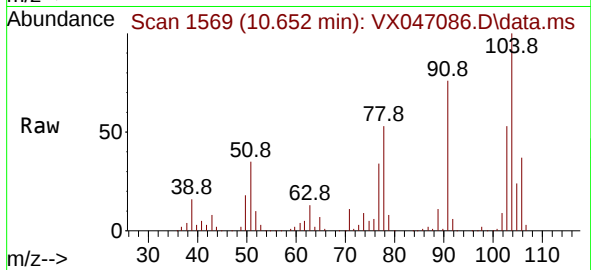
#70
Styrene
Concen: 7.001 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124

Tgt Ion:104 Resp: 99500
Ion Ratio Lower Upper
104 100
78 58.6 42.0 63.0
103 57.8 43.8 65.6

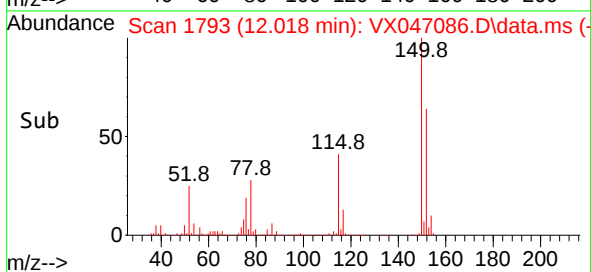
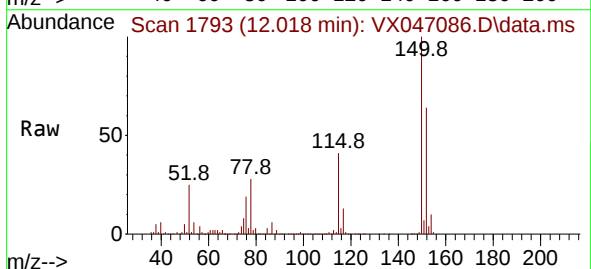
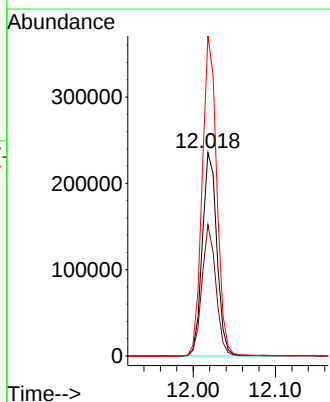
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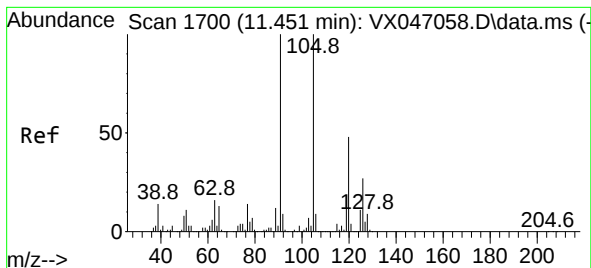
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

Tgt Ion:152 Resp: 289510
Ion Ratio Lower Upper
152 100
115 62.0 45.6 136.7
150 157.4 0.0 354.6





#80

1,3,5-Trimethylbenzene

Concen: 1.389 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047086.D

Acq: 23 Jul 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

AUD-25-0124

Tgt Ion:105 Resp: 26208

Ion Ratio Lower Upper

105 100

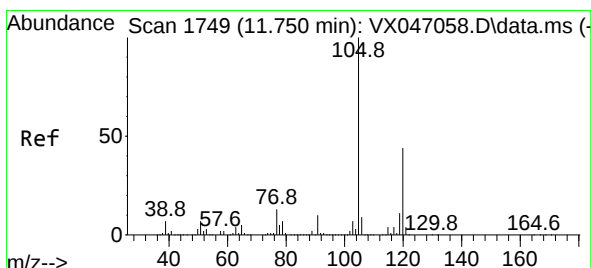
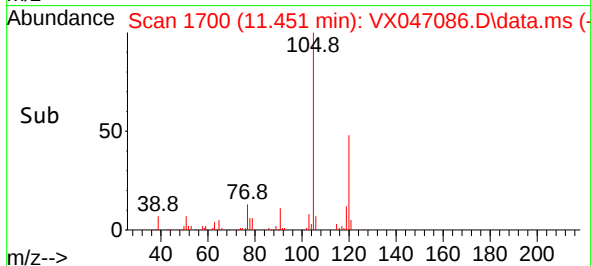
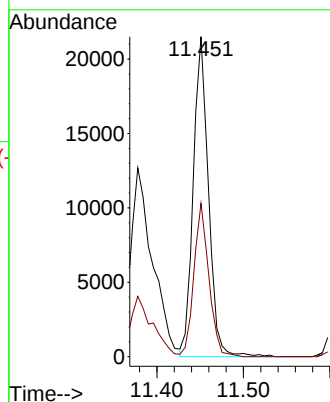
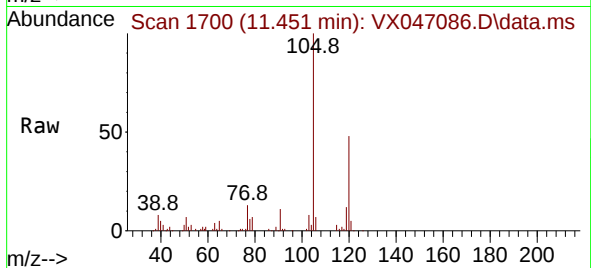
120 47.1 23.8 71.5

Manual Integrations

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Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.013 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047086.D

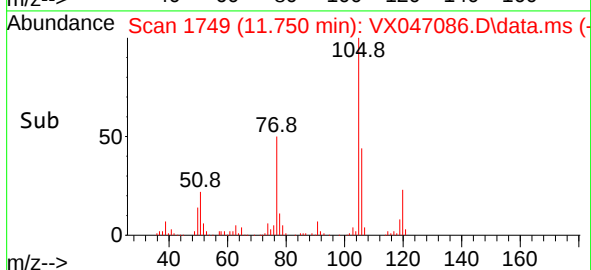
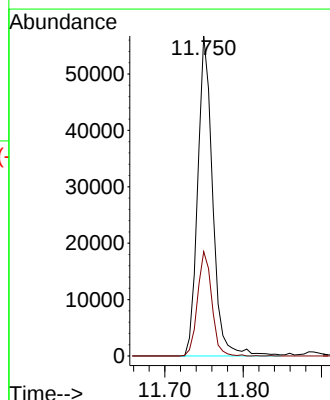
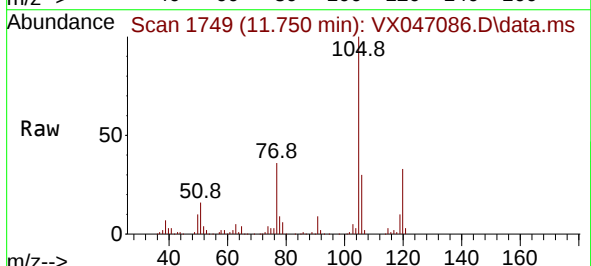
Acq: 23 Jul 2025 13:25

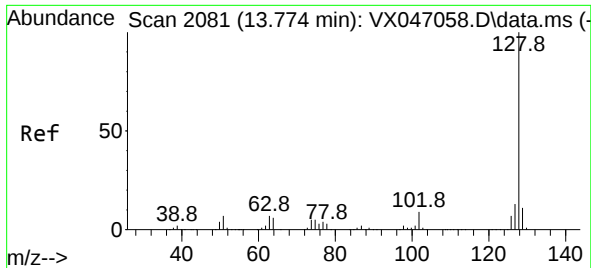
Tgt Ion:105 Resp: 75533

Ion Ratio Lower Upper

105 100

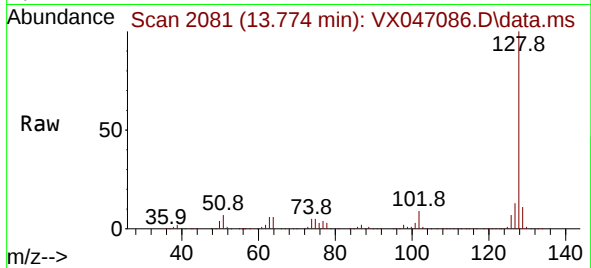
120 31.0 22.0 66.0





#95
Naphthalene
Concen: 41.277 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047086.D
Acq: 23 Jul 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0124



Tgt Ion:128 Resp: 795402
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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

