

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046024.D
 Acq On : 02 May 2025 13:51
 Operator : JC/MD
 Sample : Q1925-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-25-0069

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 23:15:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	63181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61162	52.935	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.880%			
35) Dibromofluoromethane	5.385	113	44698	51.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	8.647	98	155535	51.188	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.380%			
62) 4-Bromofluorobenzene	11.079	95	60672	54.819	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.640%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	1432	9.222	ug/l #	93
16) Acetone	2.386	43	28725	60.544	ug/l	95
18) Methyl Acetate	2.709	43	2143	1.962	ug/l	95
20) Methylene Chloride	2.782	84	6784	7.638	ug/l	99
40) Benzene	6.044	78	9877	2.751	ug/l	97
43) Isopropyl Acetate	6.348	43	11126	4.956	ug/l	96
52) Toluene	8.714	92	6554	3.017	ug/l	100
68) m/p-Xylenes	10.305	106	2076	1.276	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	4376m	1.221	ug/l	
95) Naphthalene	13.774	128	93856	25.103	ug/l	100

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

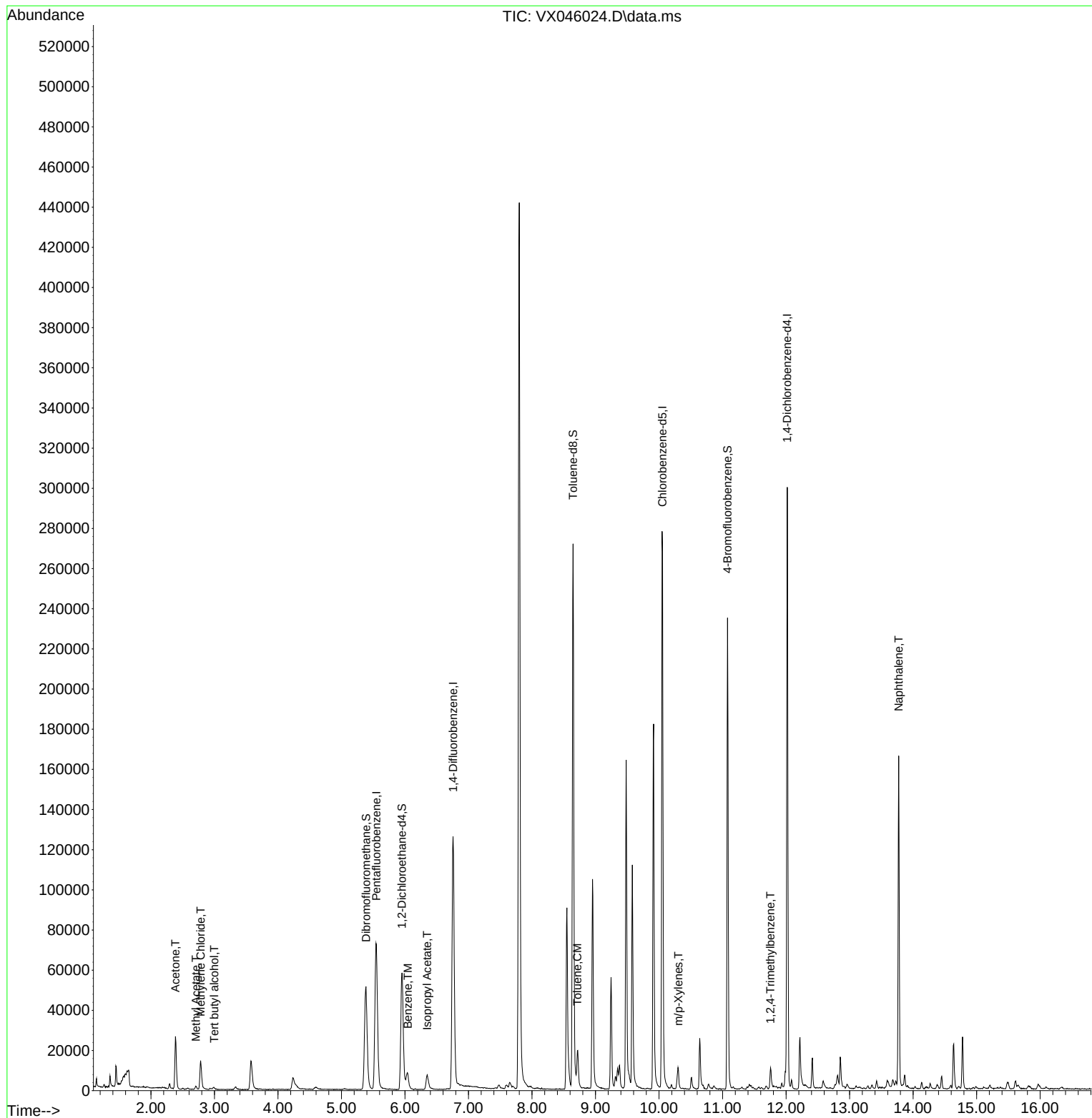
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046024.D
Acq On : 02 May 2025 13:51
Operator : JC/MD
Sample : Q1925-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

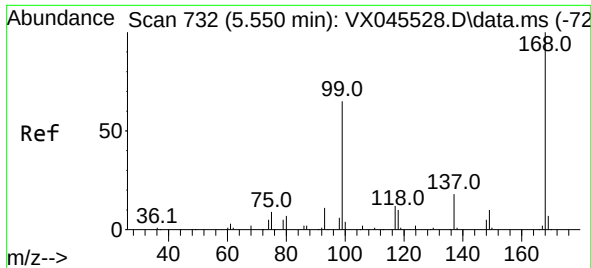
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069

Quant Time: May 02 23:15:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Manual Integrations
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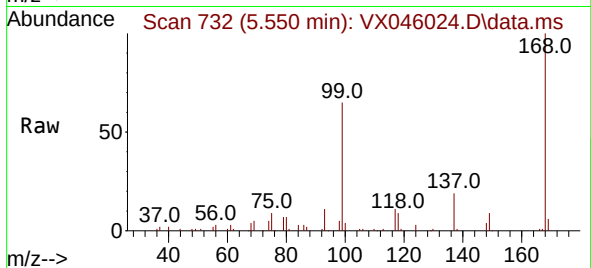
Reviewed By : John Carlone 05/05/2025
Supervised By : Semsettin Yesilyurt 05/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

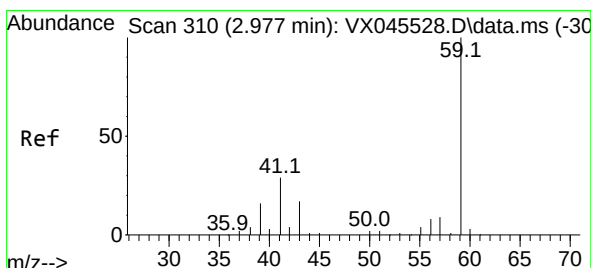
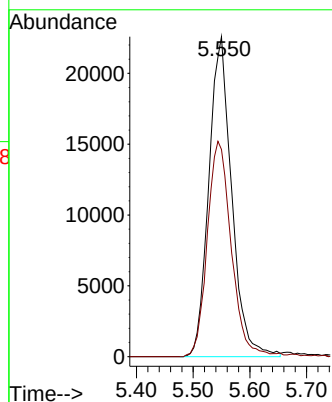
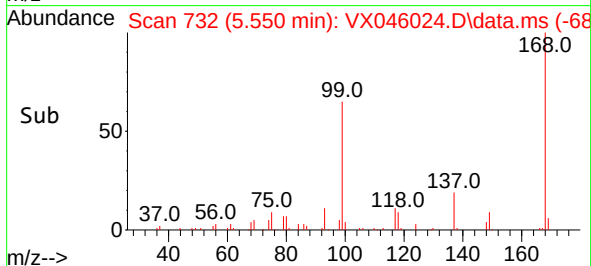
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069



Tgt Ion:168 Resp: 6318
Ion Ratio Lower Upper
168 100
99 64.7 52.3 78.5

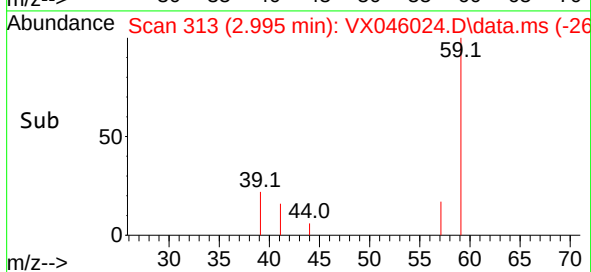
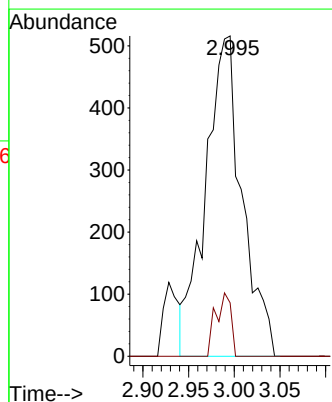
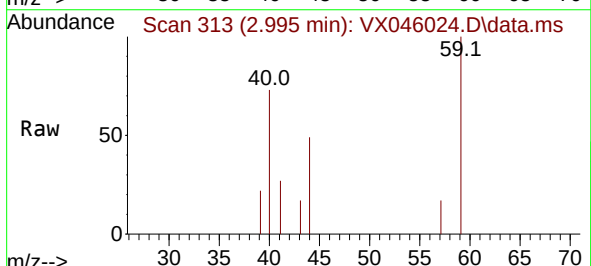
Manual Integrations
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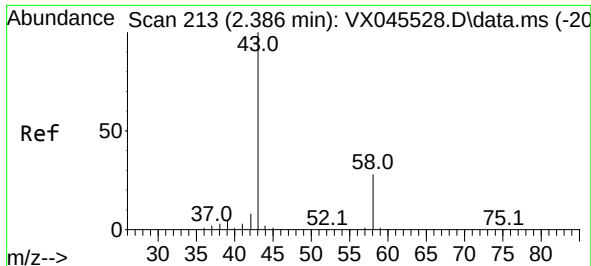
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 9.222 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.018 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

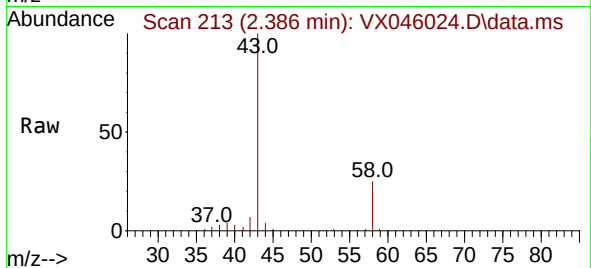
Tgt Ion: 59 Resp: 1432
Ion Ratio Lower Upper
59 100
57 8.2 8.6 12.8#





#16
Acetone
Concen: 60.544 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

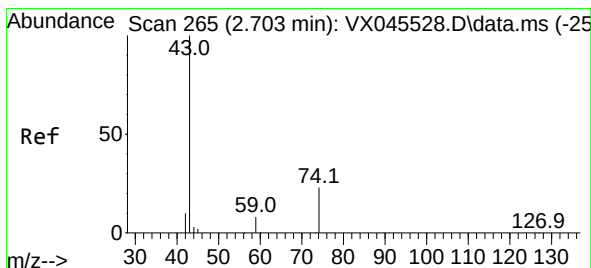
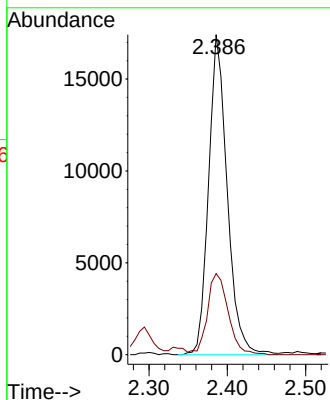
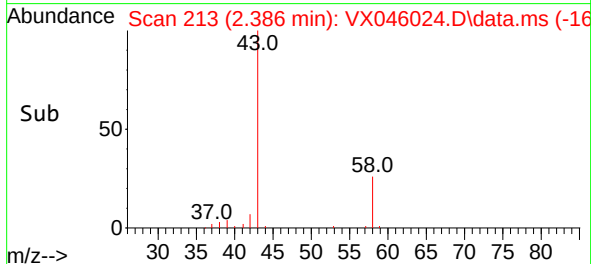
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069



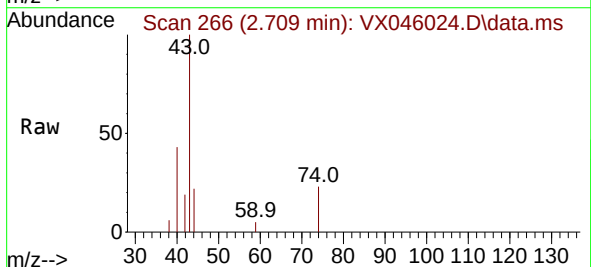
Tgt Ion: 43 Resp: 28725
Ion Ratio Lower Upper
43 100
58 25.4 22.3 33.5

Manual Integrations
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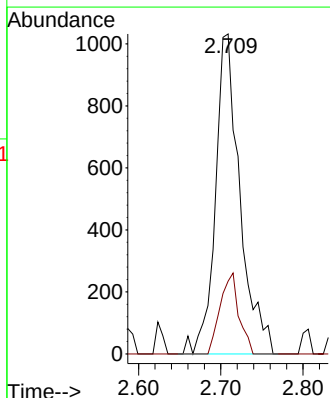
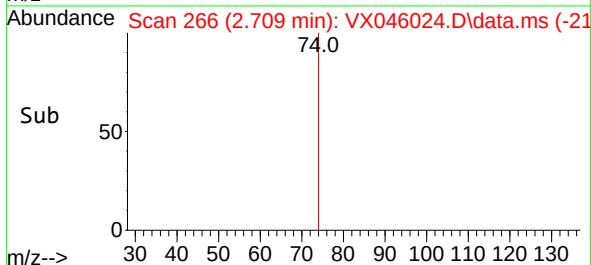
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

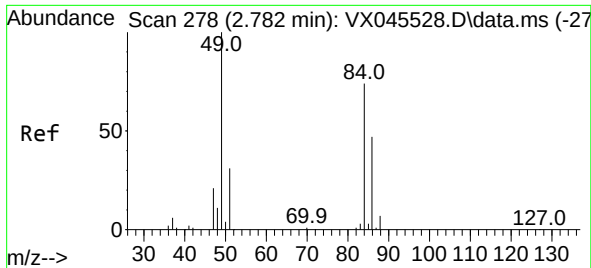


#18
Methyl Acetate
Concen: 1.962 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51



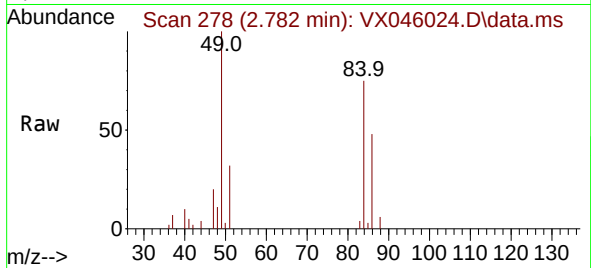
Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
74 19.3 17.5 26.3





#20
Methylene Chloride
Concen: 7.638 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

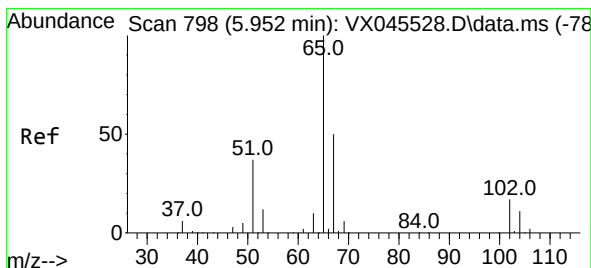
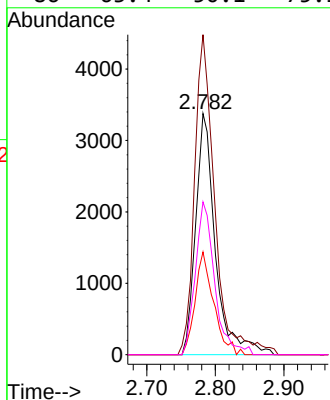
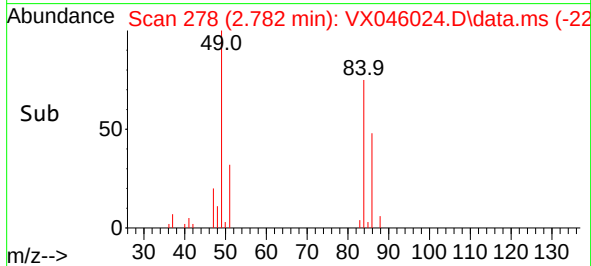
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069



Tgt Ion: 84 Resp: 6784
Ion Ratio Lower Upper
84 100
49 132.7 107.5 161.3
51 42.6 33.0 49.6
86 63.4 50.1 75.1

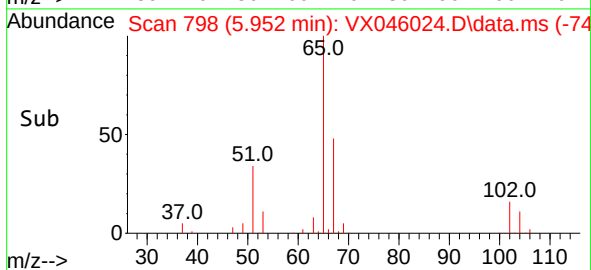
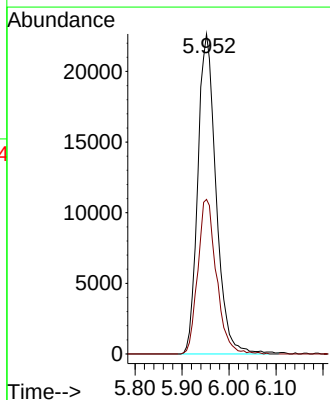
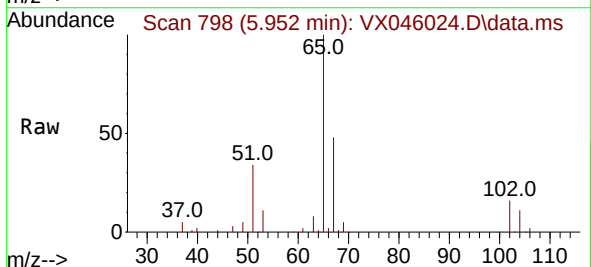
Manual Integrations
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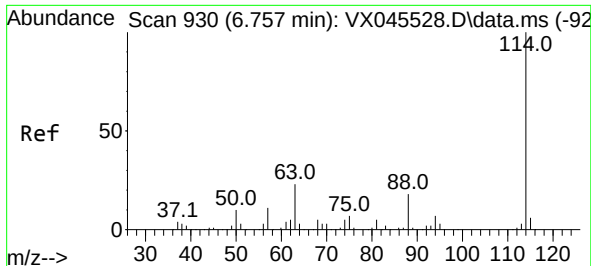
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 52.935 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

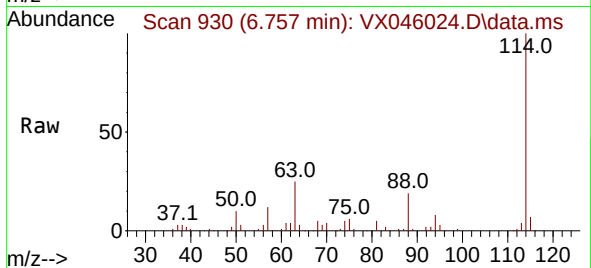
Tgt Ion: 65 Resp: 61162
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

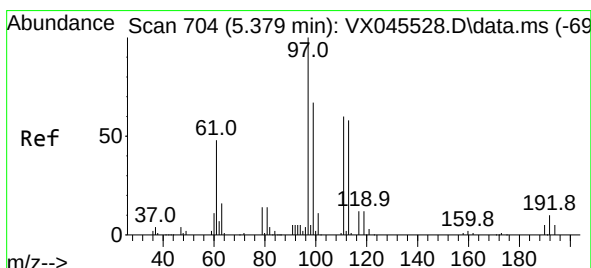
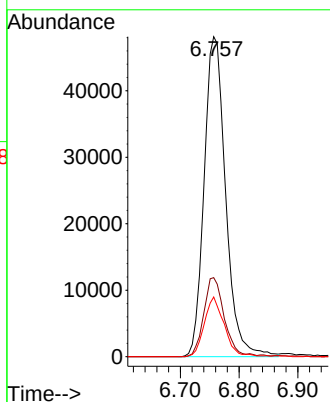
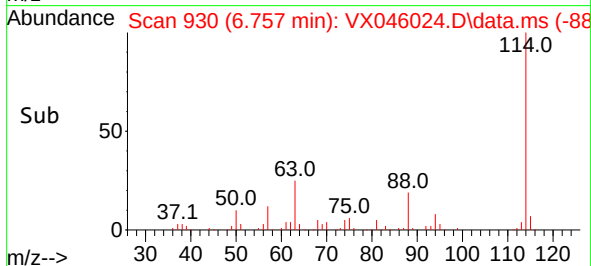
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069



Tgt Ion:114 Resp: 12269
Ion Ratio Lower Upper
114 100
63 24.7 0.0 46.8
88 18.6 0.0 35.4

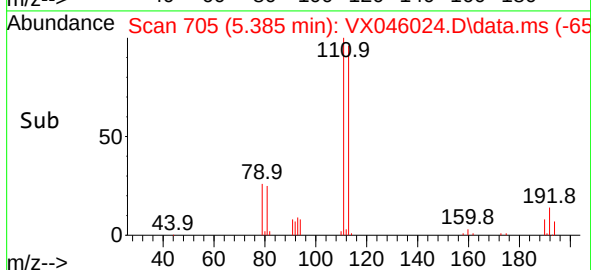
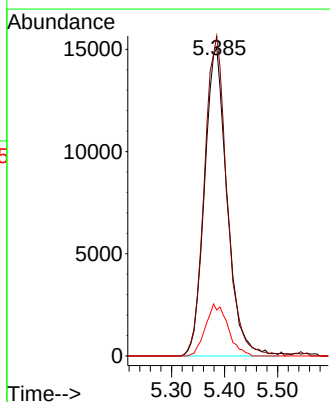
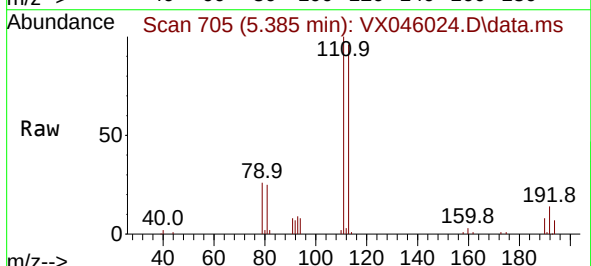
Manual Integrations
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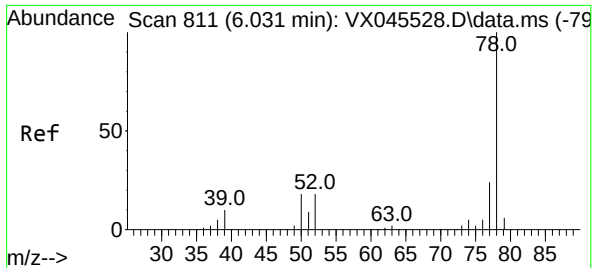
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#35
Dibromofluoromethane
Concen: 51.345 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

Tgt Ion:113 Resp: 44698
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.8 13.8 20.6





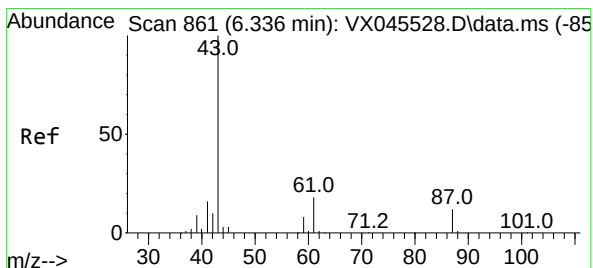
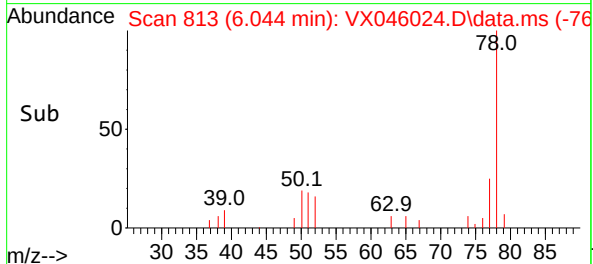
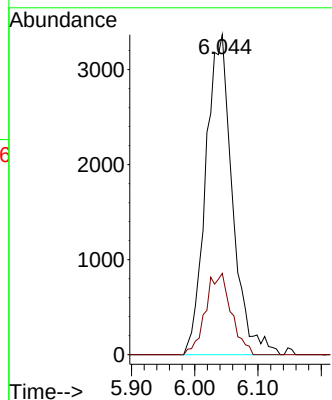
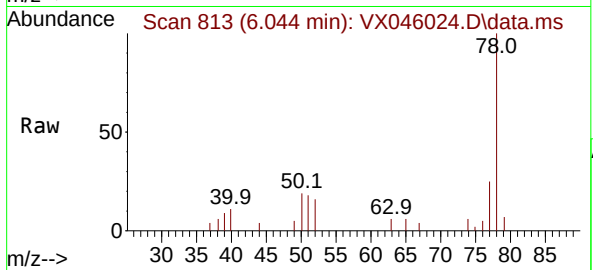
#40
Benzene
Concen: 2.751 ug/l
RT: 6.044 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069

Tgt Ion: 78 Resp: 987
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.6

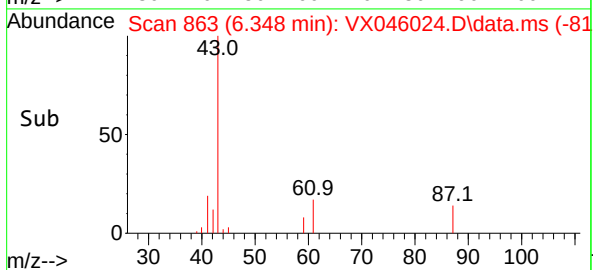
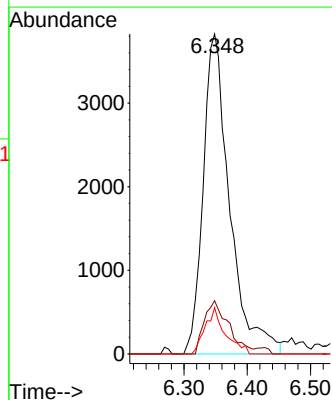
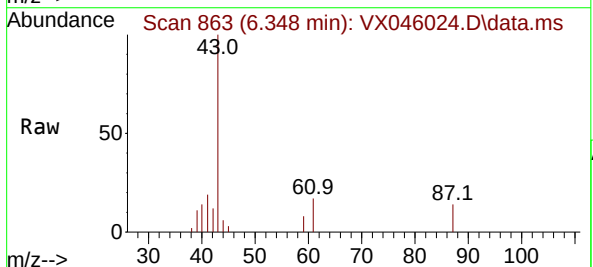
Manual Integrations
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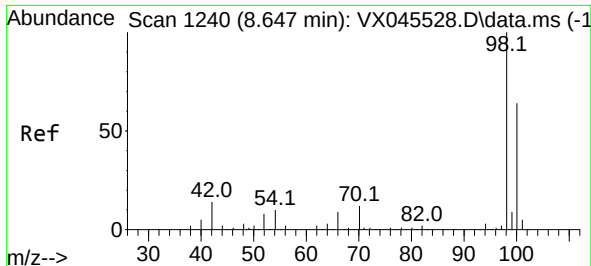
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#43
Isopropyl Acetate
Concen: 4.956 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

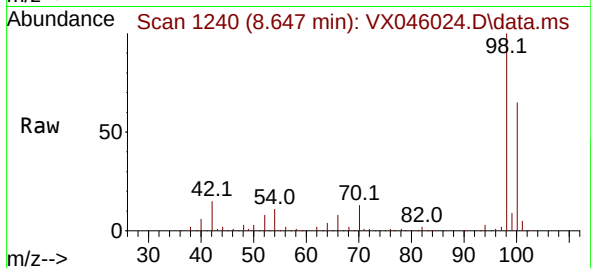
Tgt Ion: 43 Resp: 11126
Ion Ratio Lower Upper
43 100
61 15.4 14.1 21.1
87 11.0 9.2 13.8





#50
Toluene-d8
Concen: 51.188 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

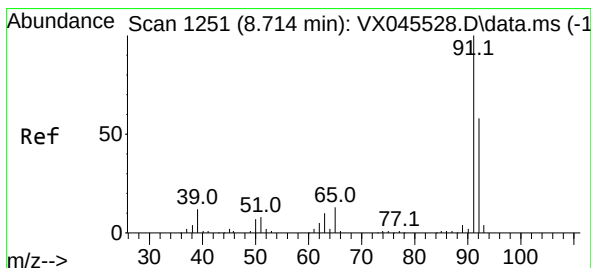
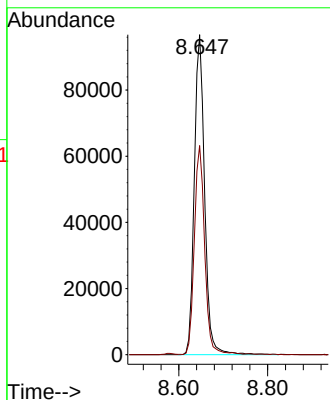
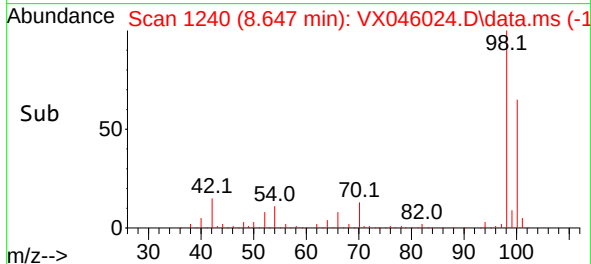
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069



Tgt Ion: 98 Resp: 15553
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

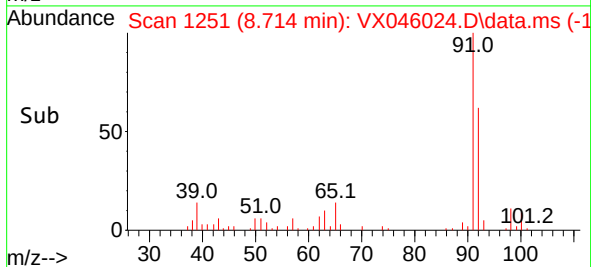
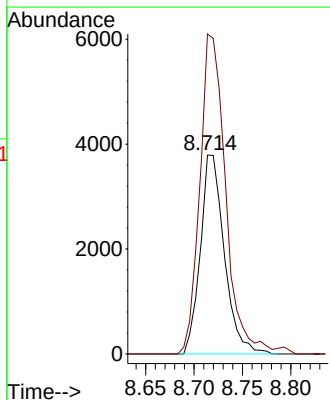
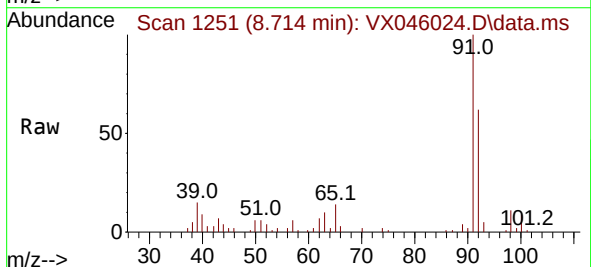
Manual Integrations
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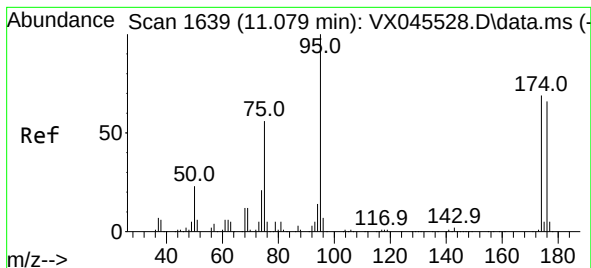
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#52
Toluene
Concen: 3.017 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

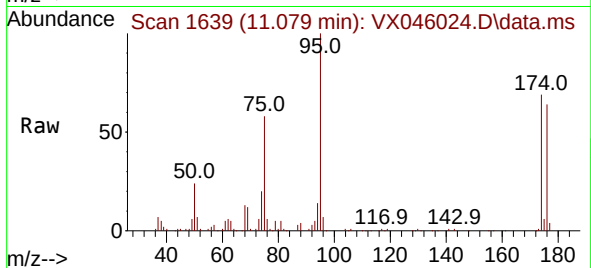
Tgt Ion: 92 Resp: 6554
Ion Ratio Lower Upper
92 100
91 173.8 138.7 208.1





#62
4-Bromofluorobenzene
Concen: 54.819 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

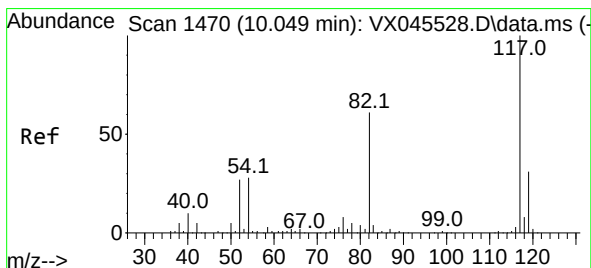
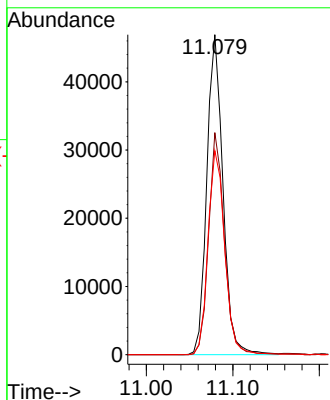
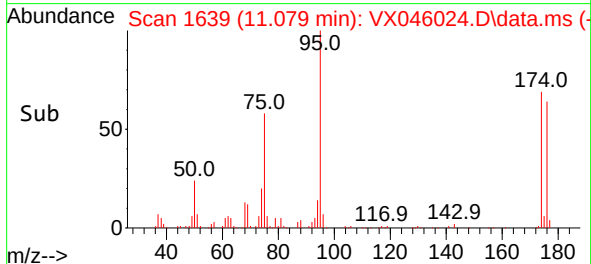
Instrument :
MSVOA_X
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AUD-25-0069



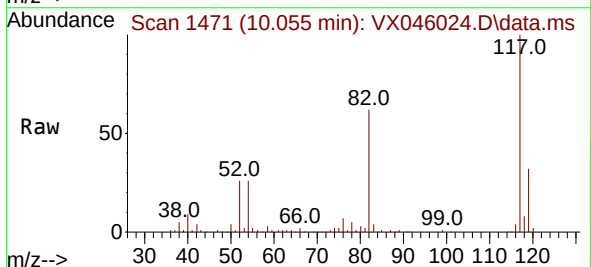
Tgt Ion: 95 Resp: 60672
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 66.1 0.0 131.4

Manual Integrations
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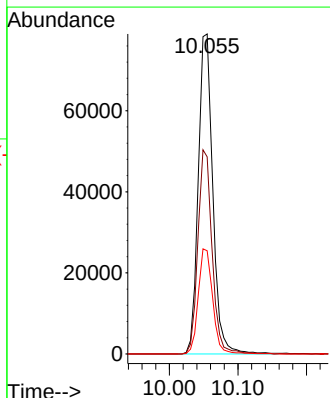
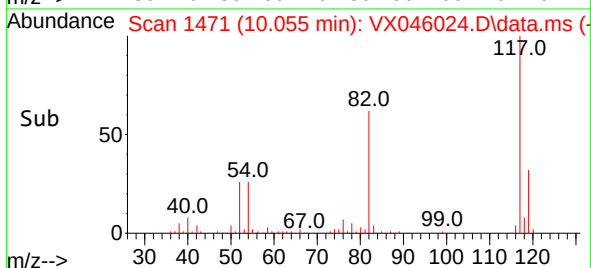
Reviewed By :John Carlone 05/05/2025
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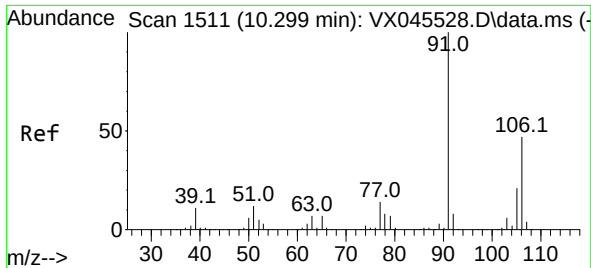


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51



Tgt Ion:117 Resp: 116875
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 32.2 25.1 37.7





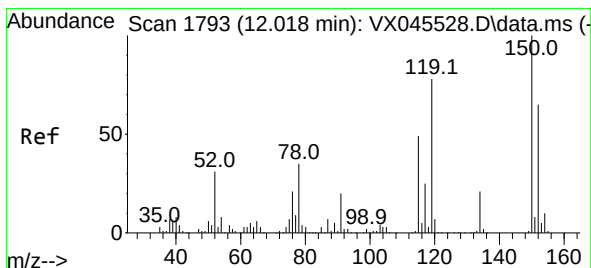
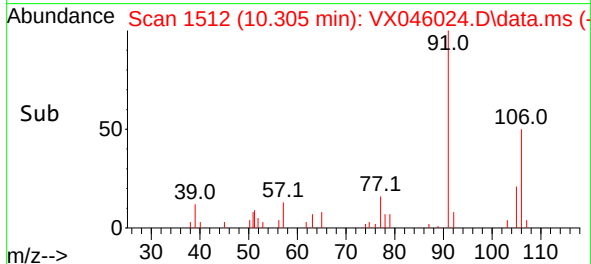
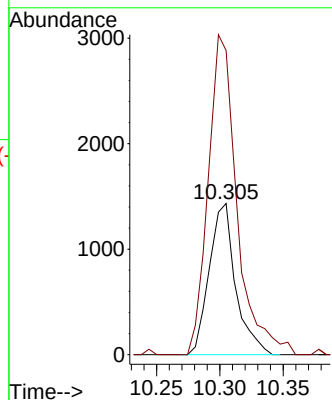
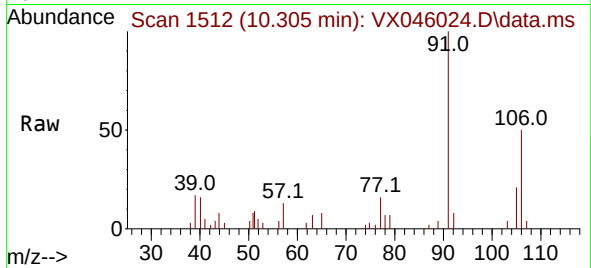
#68
m/p-Xylenes
Concen: 1.276 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069

Tgt Ion:106 Resp: 2070
Ion Ratio Lower Upper
106 100
91 231.2 172.6 258.8

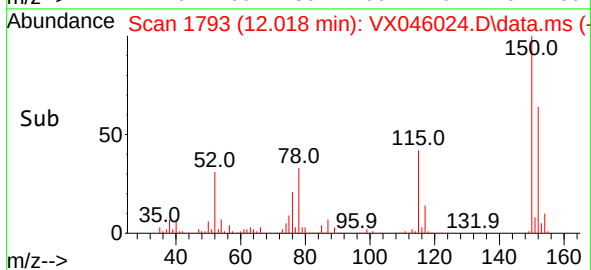
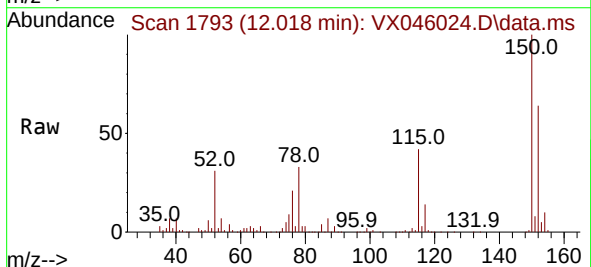
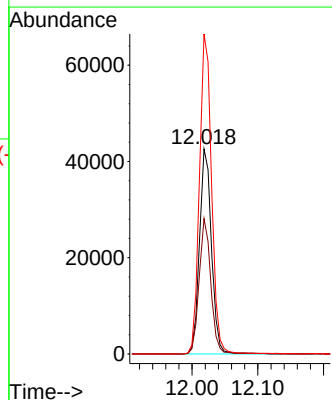
Manual Integrations
APPROVED

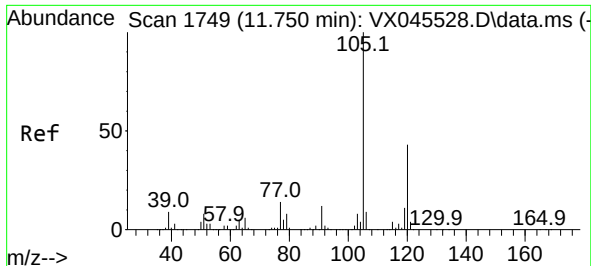
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

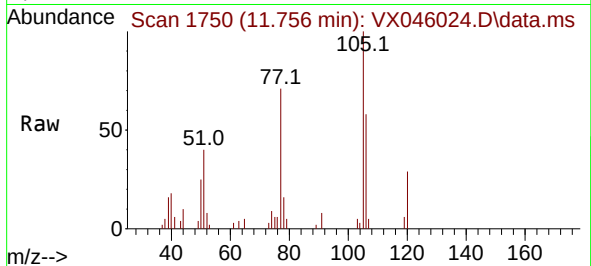
Tgt Ion:152 Resp: 53888
Ion Ratio Lower Upper
152 100
115 64.0 46.9 140.7
150 157.7 0.0 349.4





#84
1,2,4-Trimethylbenzene
Concen: 1.221 ug/l m
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

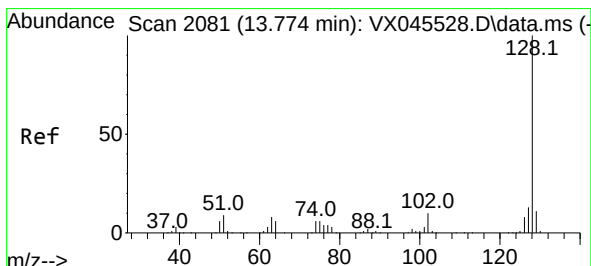
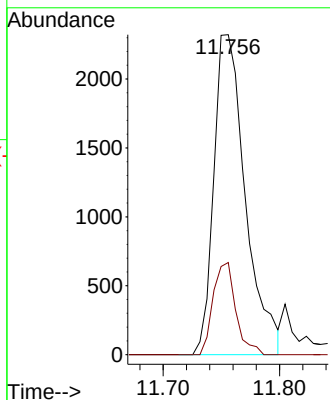
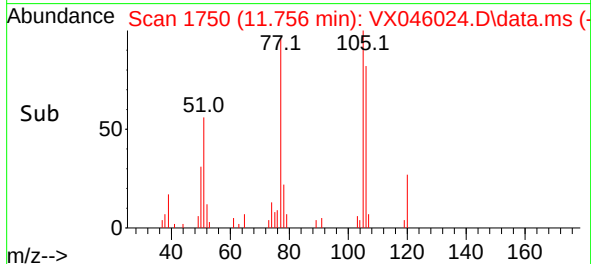
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0069



Tgt Ion:105 Resp: 4370
Ion Ratio Lower Upper
105 100
120 2.7 21.4 64.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#95
Naphthalene
Concen: 25.103 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046024.D
Acq: 02 May 2025 13:51

Tgt Ion:128 Resp: 93856
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.6 12.8

