

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046025.D
 Acq On : 02 May 2025 14:14
 Operator : JC/MD
 Sample : Q1925-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-25-0070

Quant Time: May 02 23:15:45 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 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	64412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63437	53.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.700%			
35) Dibromofluoromethane	5.385	113	45615	51.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.647	98	157715	50.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.840%			
62) 4-Bromofluorobenzene	11.079	95	60082	53.256	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.520%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	30095	62.220	ug/l	97
18) Methyl Acetate	2.709	43	2256	2.026	ug/l #	89
20) Methylene Chloride	2.788	84	6861	7.577	ug/l	95
40) Benzene	6.037	78	48261	13.189	ug/l	100
43) Isopropyl Acetate	6.348	43	11468	5.011	ug/l	97
52) Toluene	8.714	92	29860	13.486	ug/l	98
67) Ethyl Benzene	10.195	91	4559	1.033	ug/l	99
68) m/p-Xylenes	10.299	106	8729	5.437	ug/l	100
69) o-Xylene	10.640	106	7646	4.834	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	16801m	4.926	ug/l	
95) Naphthalene	13.774	128	422100	118.575	ug/l	100

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

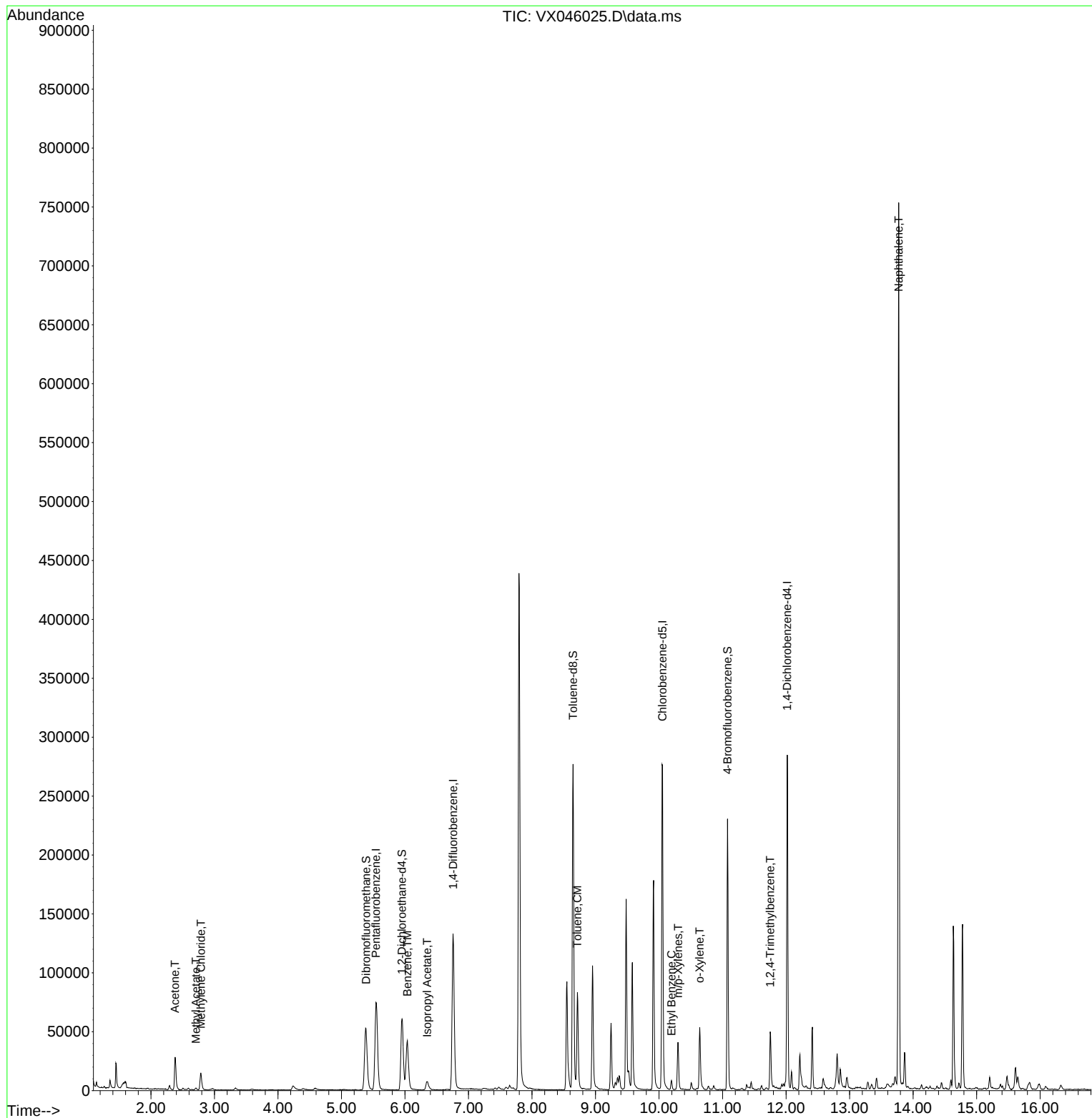
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046025.D
Acq On : 02 May 2025 14:14
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Sample : Q1925-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

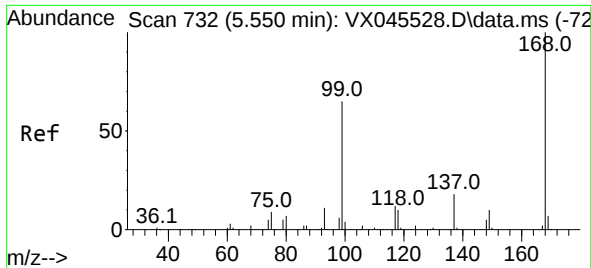
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0070

Quant Time: May 02 23:15:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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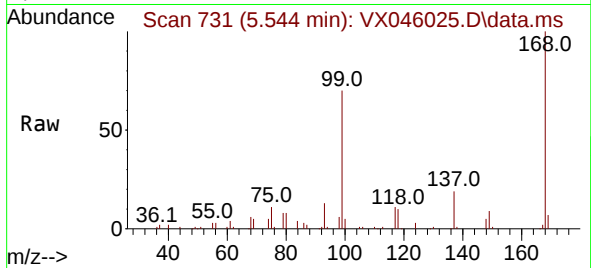
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

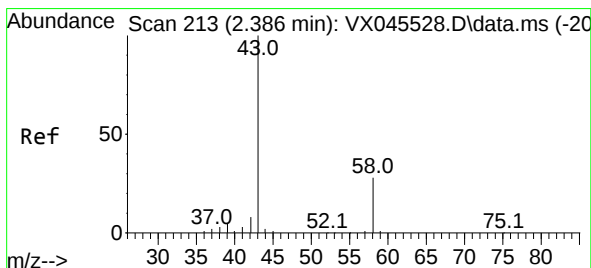
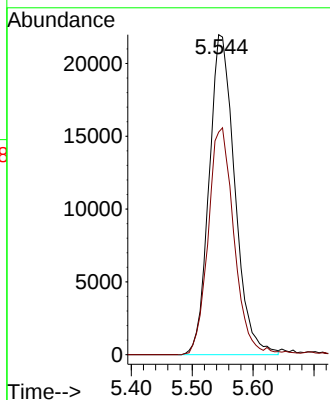
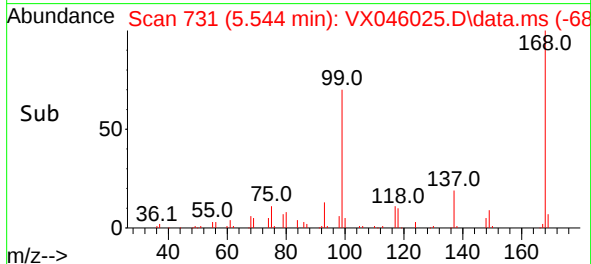
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0070



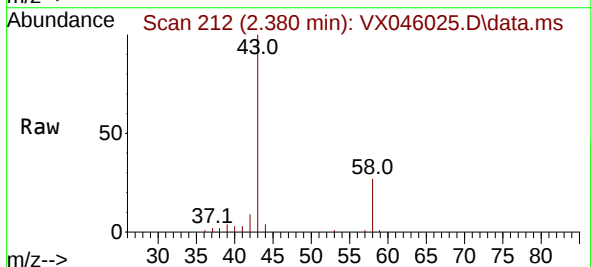
Tgt Ion:168 Resp: 6441
Ion Ratio Lower Upper
168 100
99 69.6 52.3 78.5

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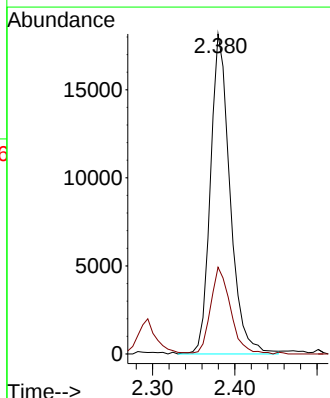
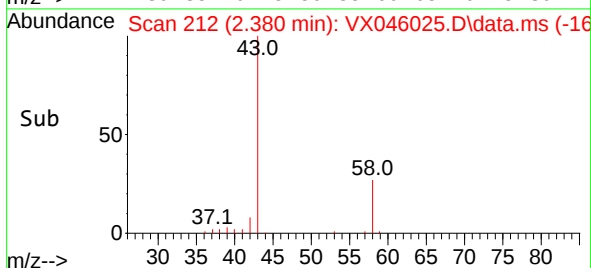
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

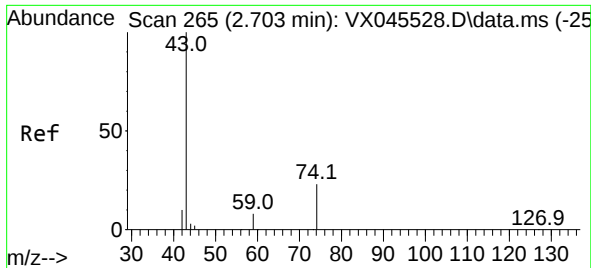


#16
Acetone
Concen: 62.220 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14



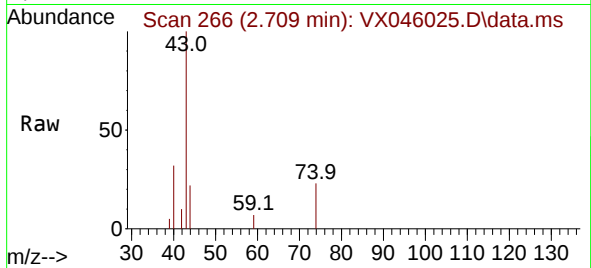
Tgt Ion: 43 Resp: 30095
Ion Ratio Lower Upper
43 100
58 26.6 22.3 33.5





#18
Methyl Acetate
Concen: 2.026 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

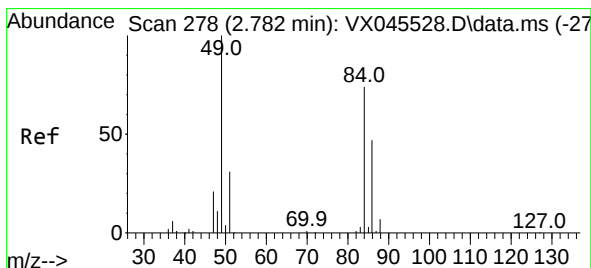
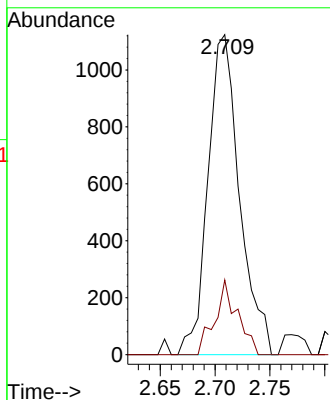
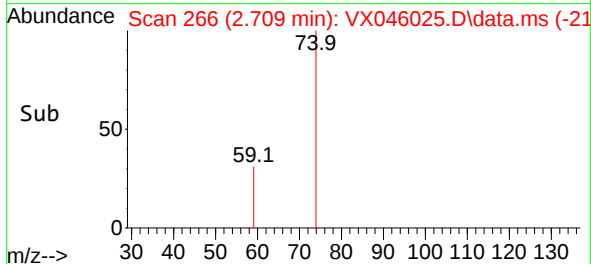
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0070



Tgt Ion: 43 Resp: 2250
Ion Ratio Lower Upper
43 100
74 16.6 17.5 26.3

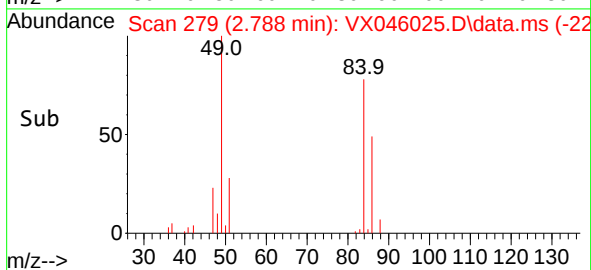
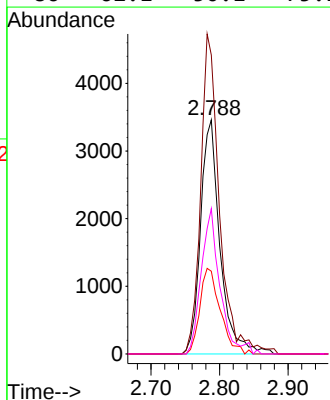
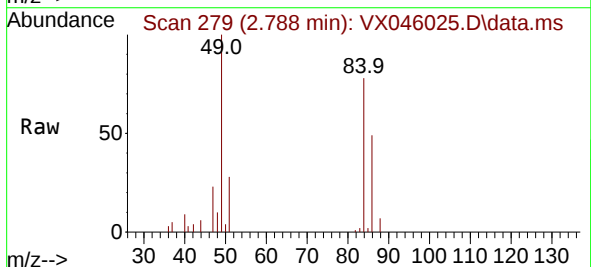
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 7.577 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

Tgt Ion: 84 Resp: 6861
Ion Ratio Lower Upper
84 100
49 127.7 107.5 161.3
51 35.3 33.0 49.6
86 62.1 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 53.855 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046025.D

Acq: 02 May 2025 14:14

Instrument :

MSVOA_X

ClientSampleId :

AUD-25-0070

Tgt Ion: 65 Resp: 6343

Ion Ratio Lower Upper

65 100

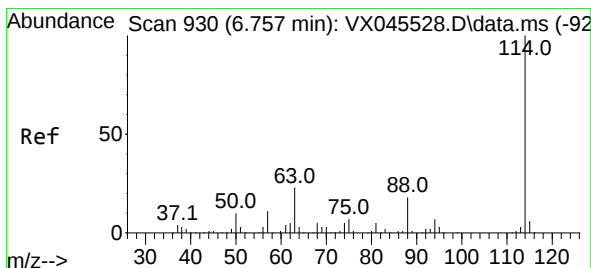
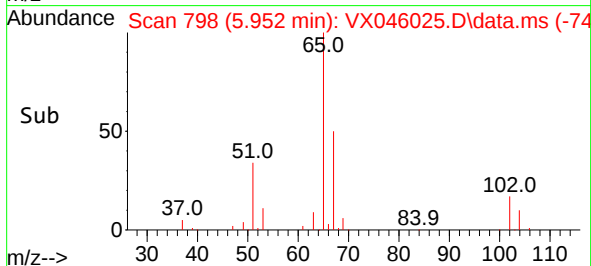
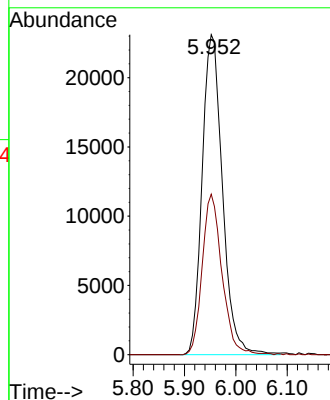
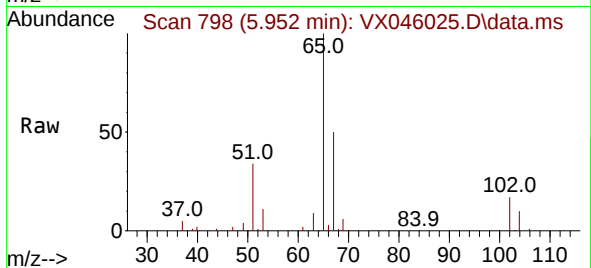
67 48.8 0.0 99.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046025.D

Acq: 02 May 2025 14:14

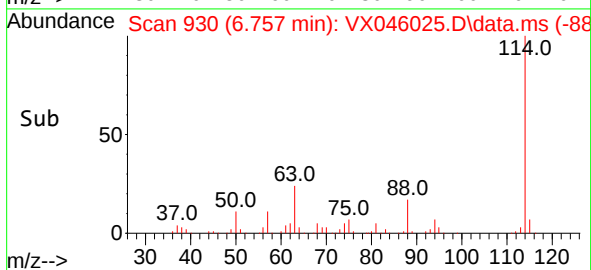
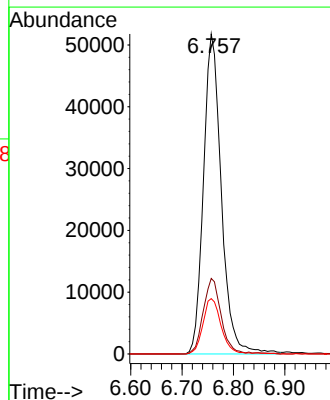
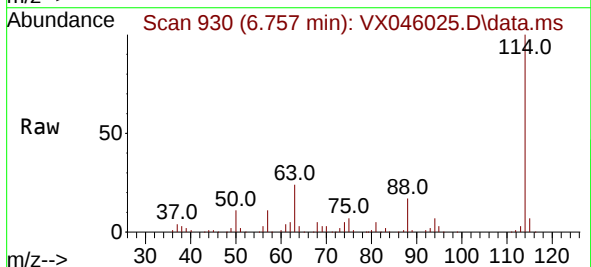
Tgt Ion:114 Resp: 125069

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.8

88 17.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.405 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046025.D

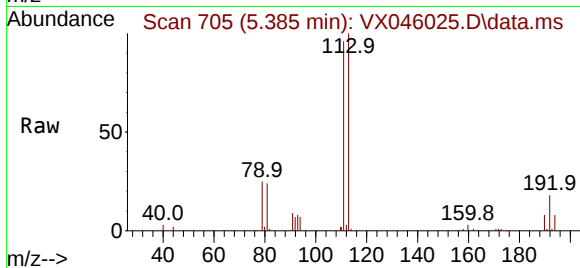
Acq: 02 May 2025 14:14

Instrument :

MSVOA_X

ClientSampleId :

AUD-25-0070



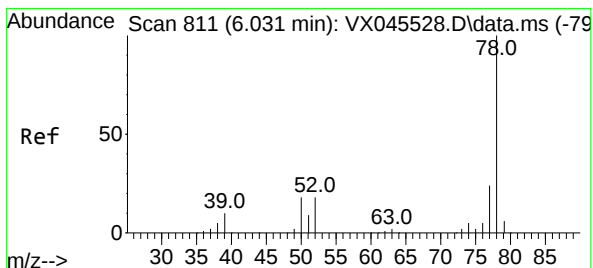
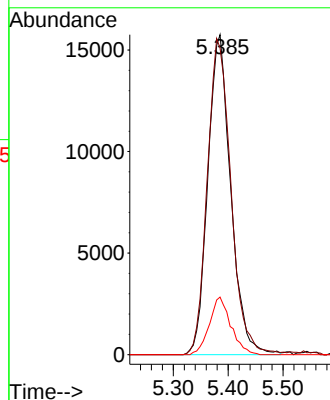
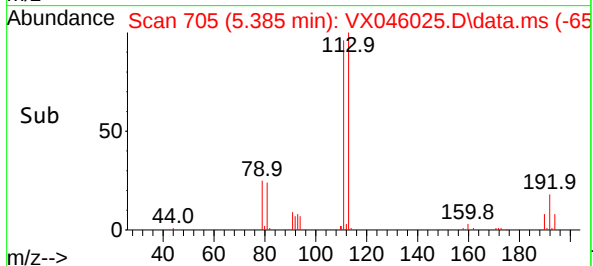
Tgt Ion:	113	Resp:	4561
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	16.9	13.8	20.6

Manual Integrations

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Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#40

Benzene

Concen: 13.189 ug/l

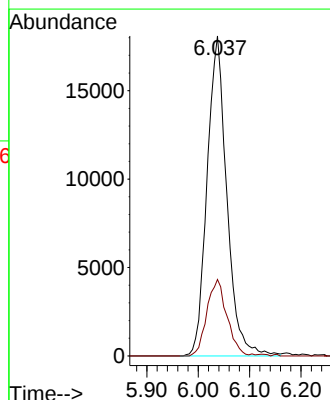
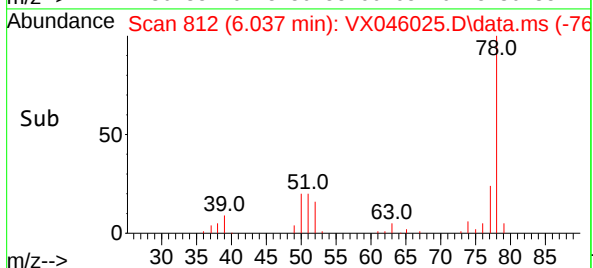
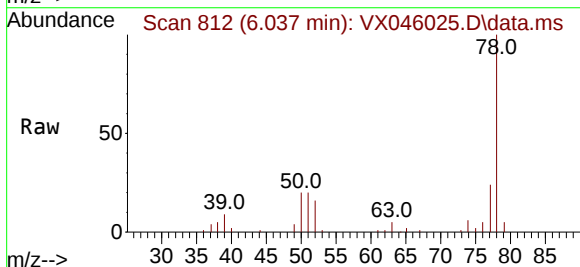
RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX046025.D

Acq: 02 May 2025 14:14

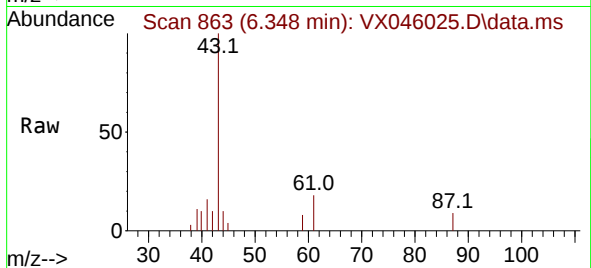
Tgt Ion:	78	Resp:	48261
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





#43
Isopropyl Acetate
Concen: 5.011 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

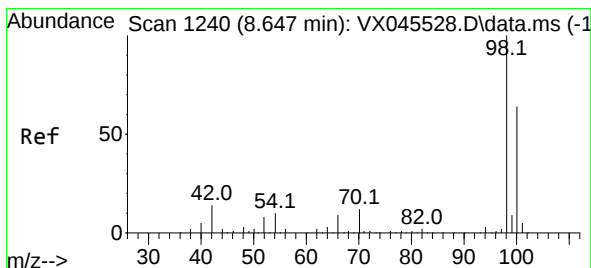
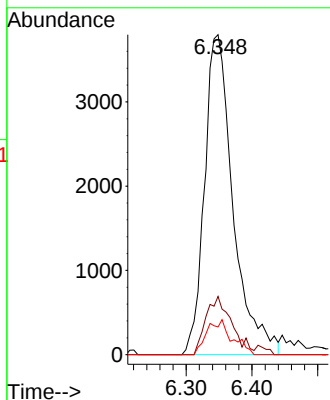
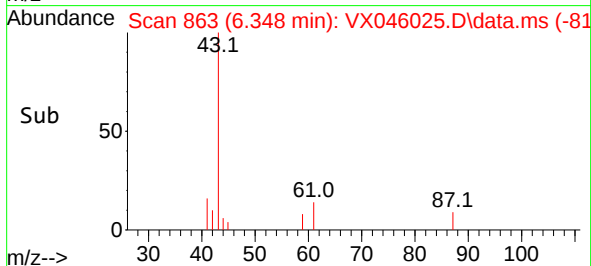
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0070



Tgt Ion: 43 Resp: 11468
Ion Ratio Lower Upper
43 100
61 16.5 14.1 21.1
87 9.6 9.2 13.8

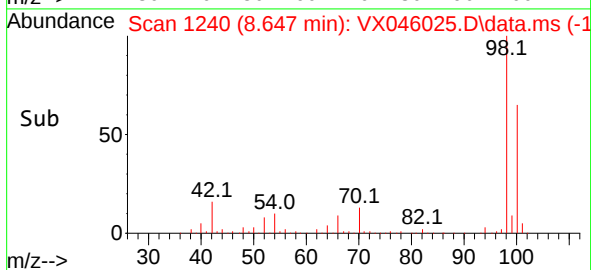
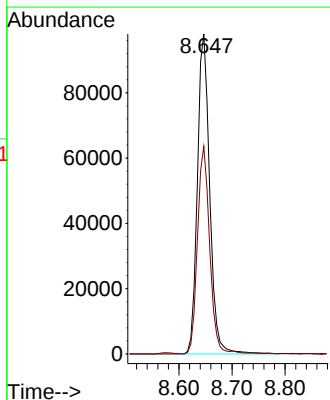
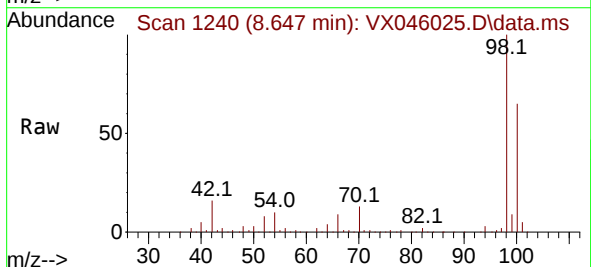
Manual Integrations
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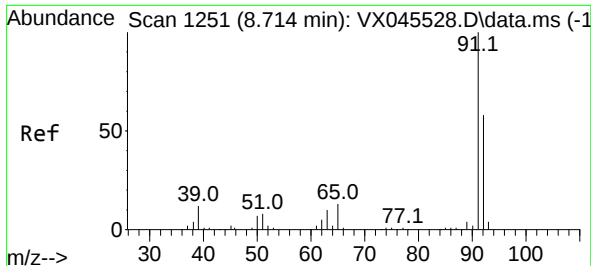
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 50.921 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

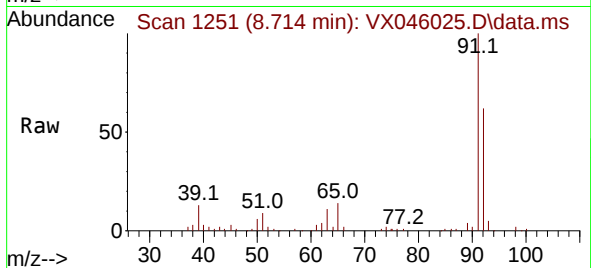
Tgt Ion: 98 Resp: 157715
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4





#52
Toluene
Concen: 13.486 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

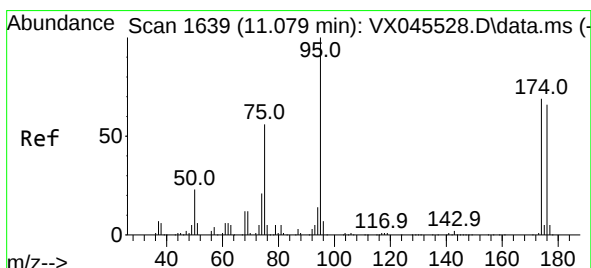
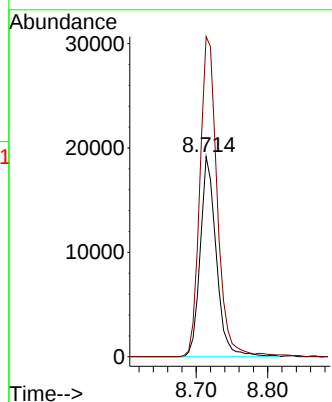
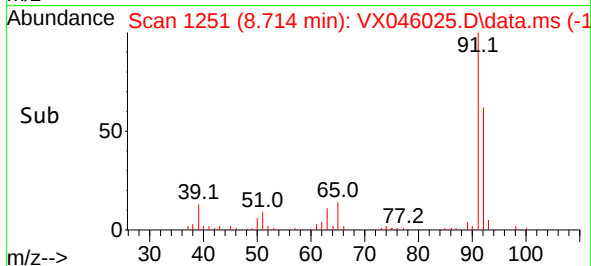
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0070



Tgt Ion: 92 Resp: 29860
Ion Ratio Lower Upper
92 100
91 171.2 138.7 208.1

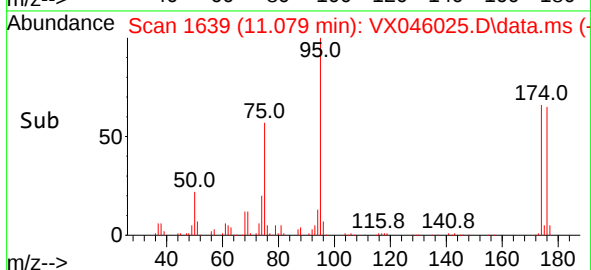
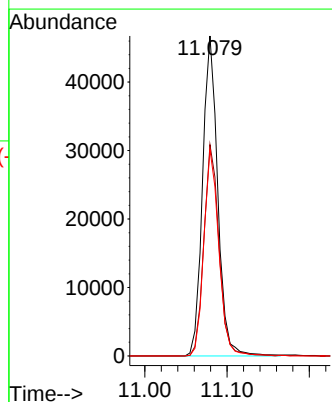
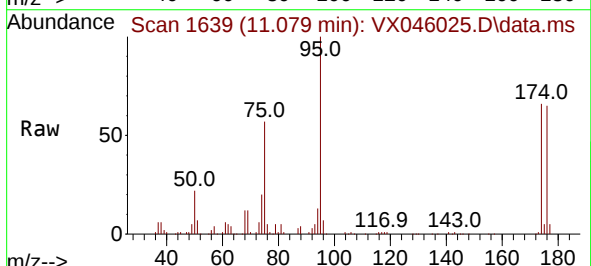
Manual Integrations
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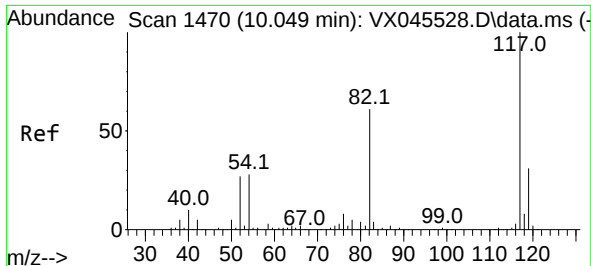
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#62
4-Bromofluorobenzene
Concen: 53.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

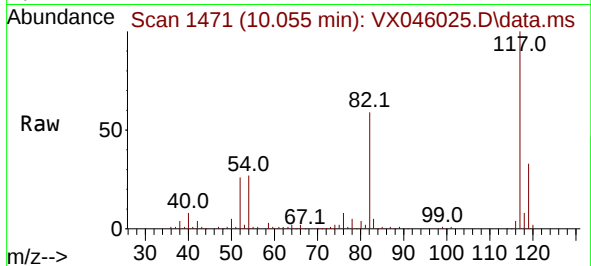
Tgt Ion: 95 Resp: 60082
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 63.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

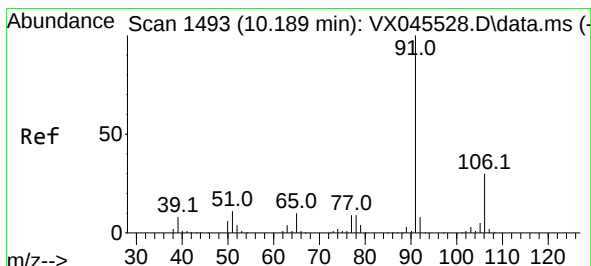
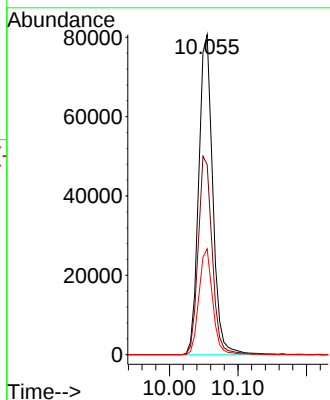
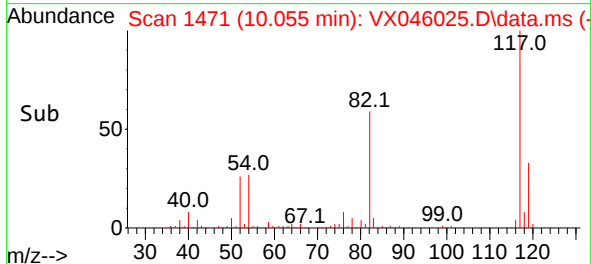
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0070



Tgt Ion:117 Resp: 115348
Ion Ratio Lower Upper
117 100
82 59.4 49.2 73.8
119 33.1 25.1 37.7

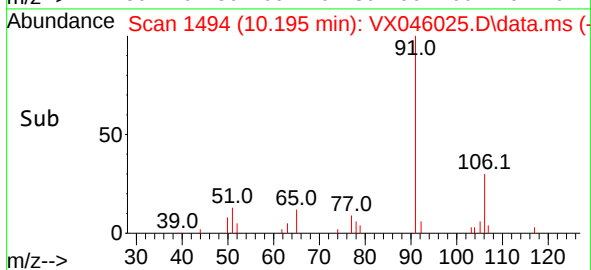
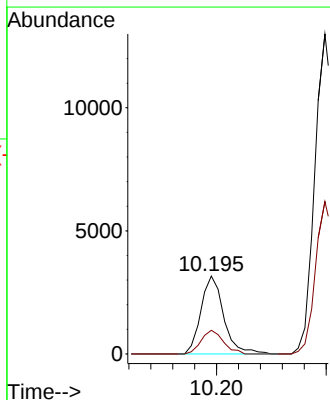
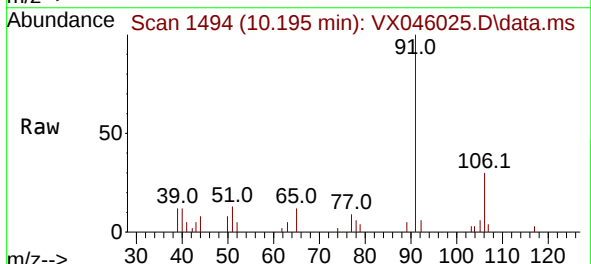
Manual Integrations
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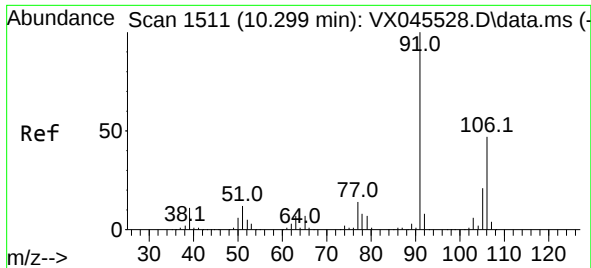
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#67
Ethyl Benzene
Concen: 1.033 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

Tgt Ion: 91 Resp: 4559
Ion Ratio Lower Upper
91 100
106 30.4 23.7 35.5





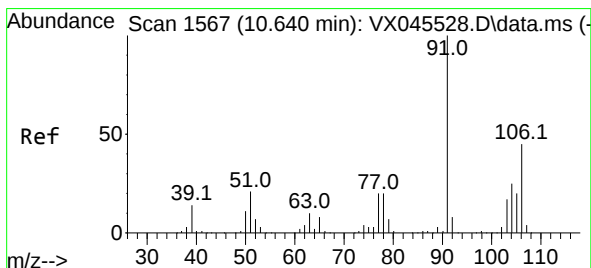
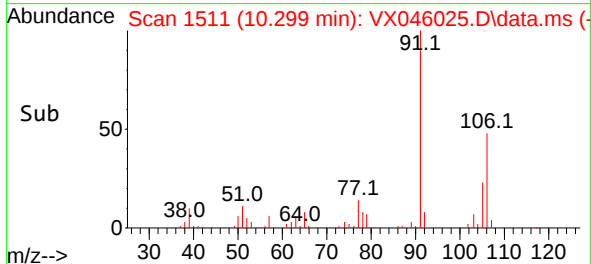
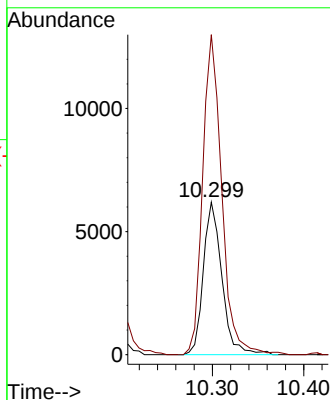
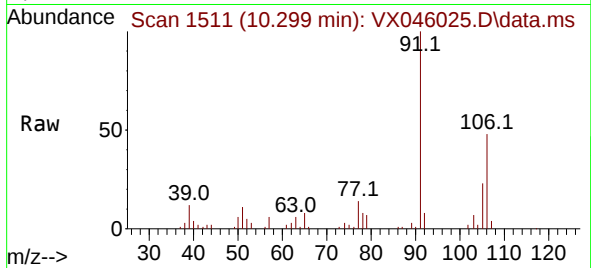
#68
m/p-Xylenes
Concen: 5.437 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0070

Tgt Ion:106 Resp: 8729
Ion Ratio Lower Upper
106 100
91 215.7 172.6 258.8

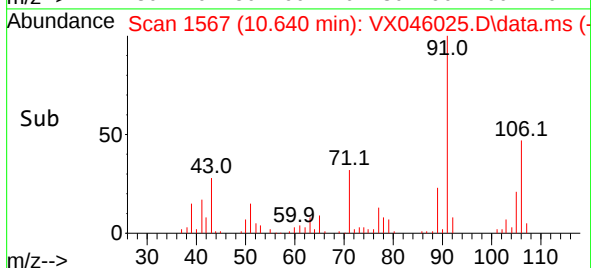
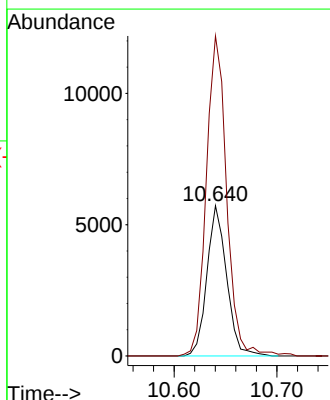
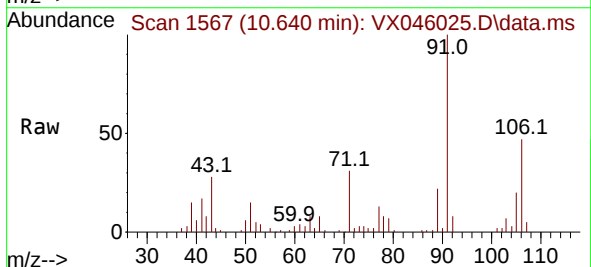
Manual Integrations
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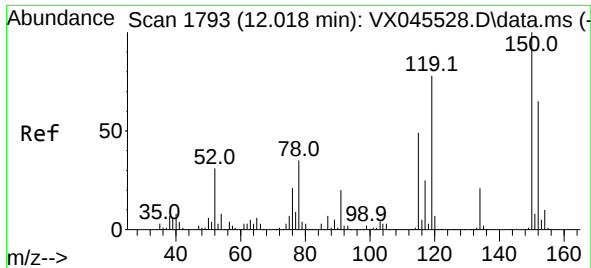
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#69
o-Xylene
Concen: 4.834 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

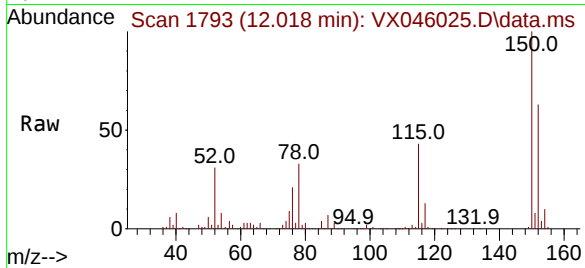
Tgt Ion:106 Resp: 7646
Ion Ratio Lower Upper
106 100
91 219.9 113.6 340.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VX046025.D
 Acq: 02 May 2025 14:14

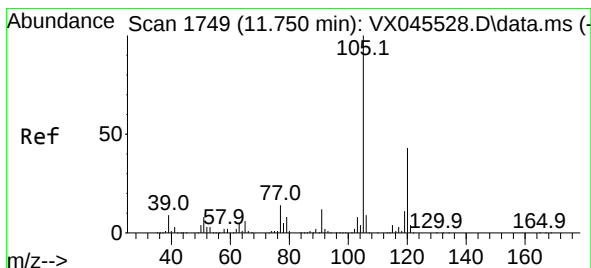
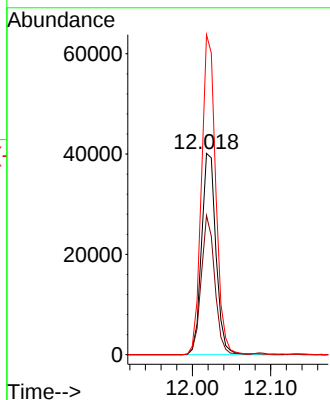
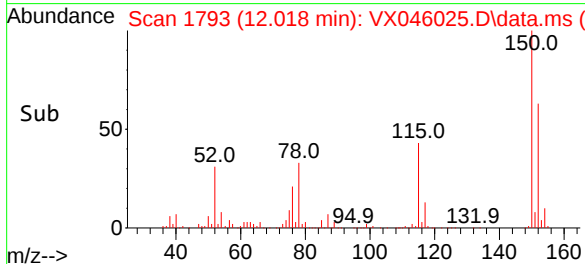
Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-25-0070



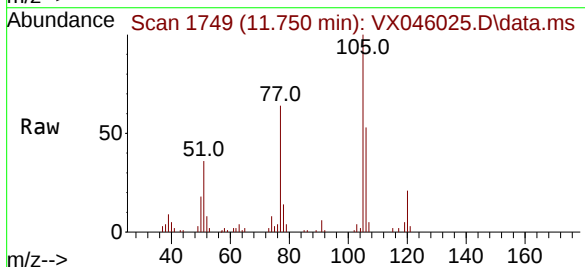
Tgt Ion:152 Resp: 5130
 Ion Ratio Lower Upper
 152 100
 115 65.1 46.9 140.7
 150 156.6 0.0 349.4

Manual Integrations
 APPROVED

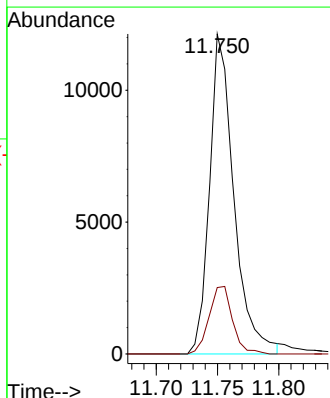
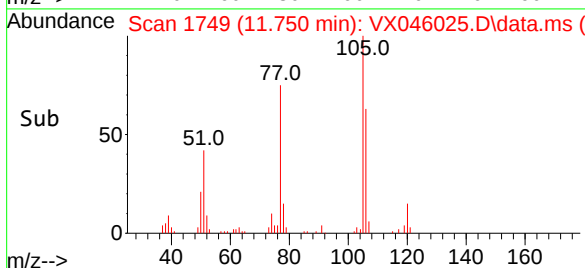
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

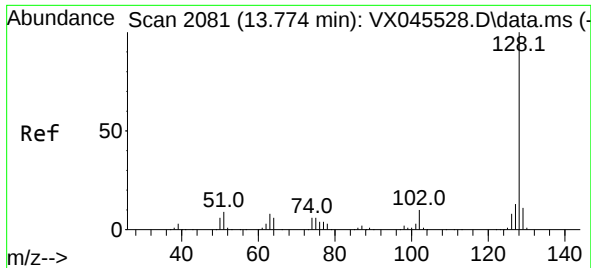


#84
 1,2,4-Trimethylbenzene
 Concen: 4.926 ug/l m
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046025.D
 Acq: 02 May 2025 14:14



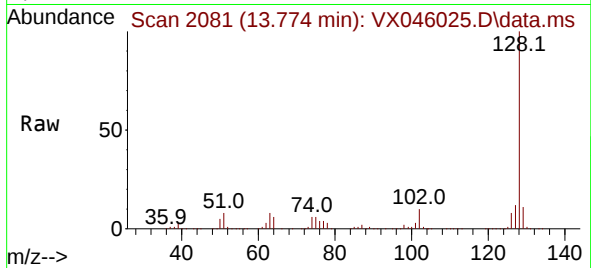
Tgt Ion:105 Resp: 16801
 Ion Ratio Lower Upper
 105 100
 120 3.5 21.4 64.3#





#95
Naphthalene
Concen: 118.575 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046025.D
Acq: 02 May 2025 14:14

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0070



Tgt Ion:128 Resp: 422100
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

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

