

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046278.D
 Acq On : 19 May 2025 19:19
 Operator : JC/MD
 Sample : Q2053-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

Quant Time: May 19 23:17:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	65569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64239	52.551	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	5.379	113	47252	50.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	8.647	98	164969	50.577	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.160%			
62) 4-Bromofluorobenzene	11.079	95	66826	53.411	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.820%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	3141	18.305	ug/l	99
16) Acetone	2.380	43	37799	77.120	ug/l	98
18) Methyl Acetate	2.703	43	3358	2.952	ug/l	98
20) Methylene Chloride	2.782	84	9540	10.157	ug/l	96
25) 2-Butanone	4.568	43	10286	14.455	ug/l	93
40) Benzene	6.038	78	22668	6.112	ug/l	99
43) Isopropyl Acetate	6.349	43	14931	6.256	ug/l	97
52) Toluene	8.714	92	15899	6.991	ug/l	98
68) m/p-Xylenes	10.299	106	6425	3.648	ug/l	99
69) o-Xylene	10.640	106	5756	3.353	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	11150m	2.909	ug/l	

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

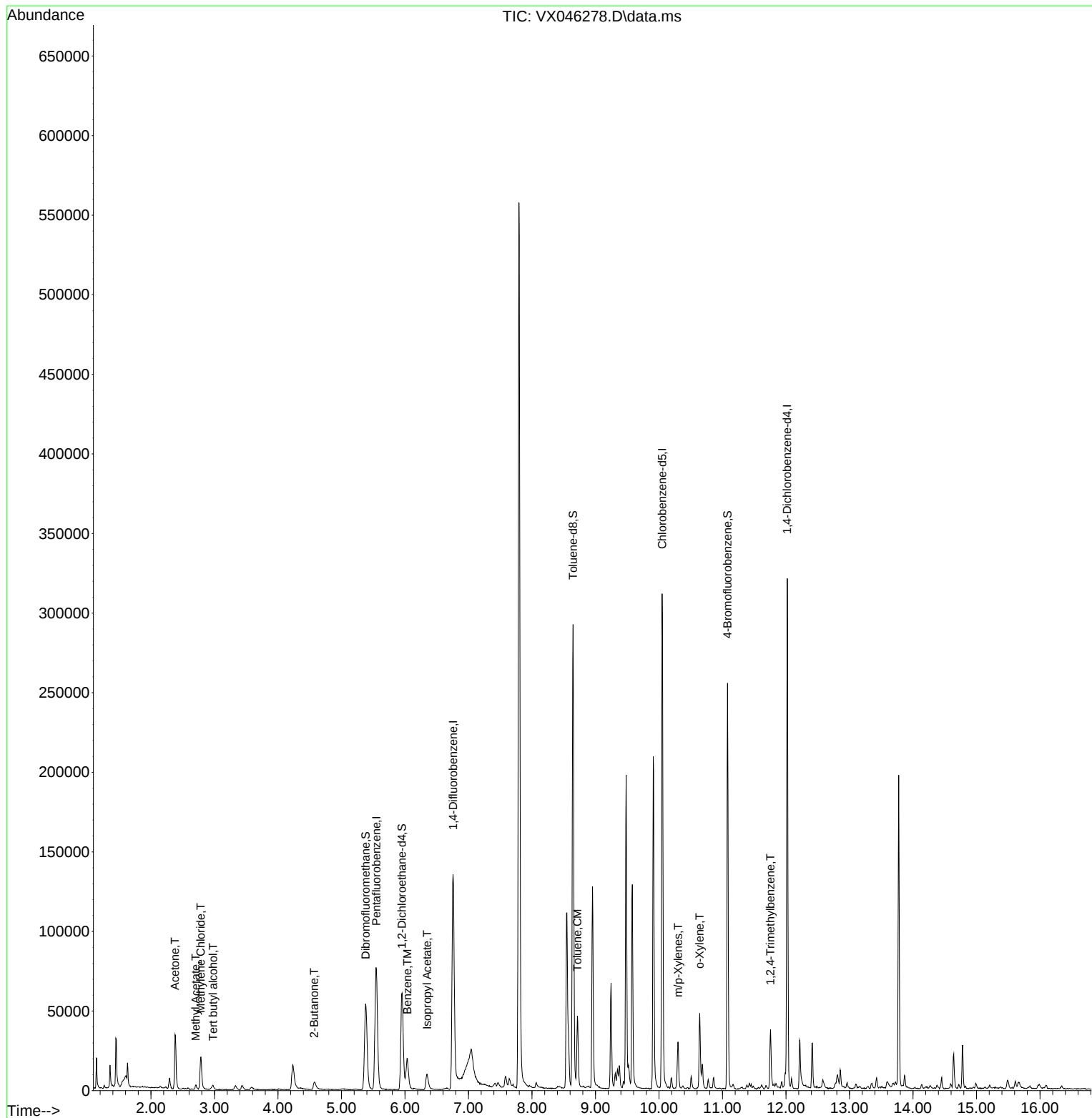
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046278.D
Acq On : 19 May 2025 19:19
Operator : JC/MD
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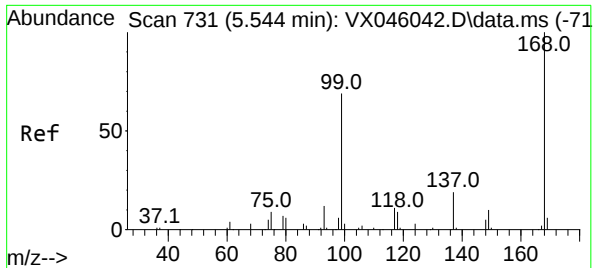
Instrument :
MSVOA_X
ClientSampleId :
SB-9

Quant Time: May 19 23:17:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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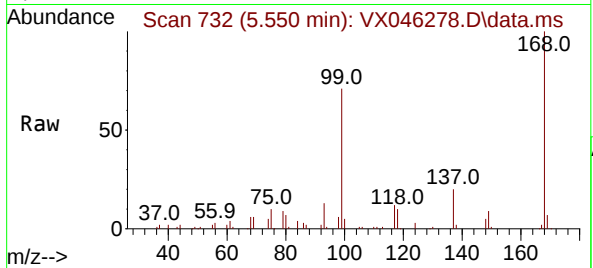
Reviewed By : John Carlone 05/21/2025
Supervised By : Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

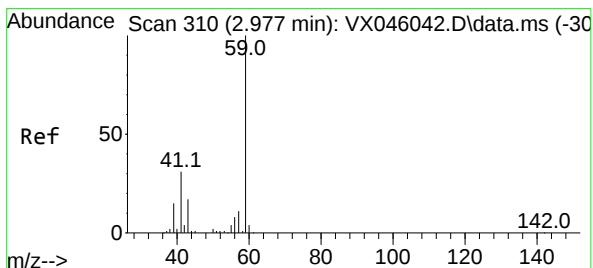
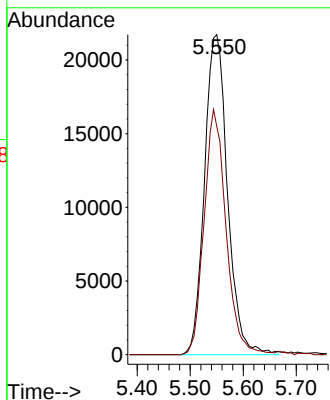
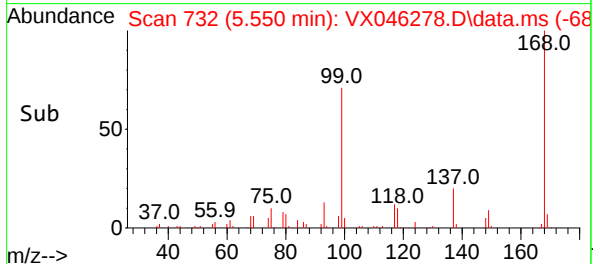
Instrument :
MSVOA_X
ClientSampleId :
SB-9



Tgt Ion:168 Resp: 6556
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3

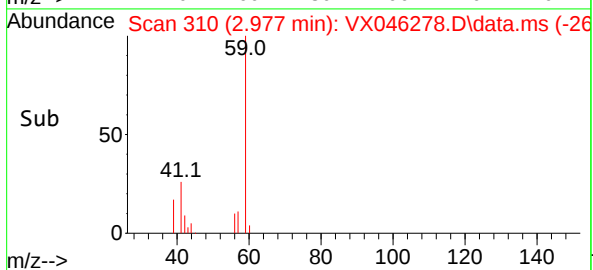
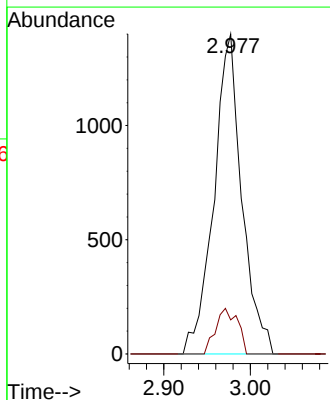
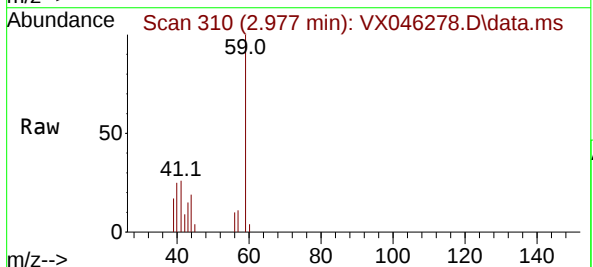
Manual Integrations
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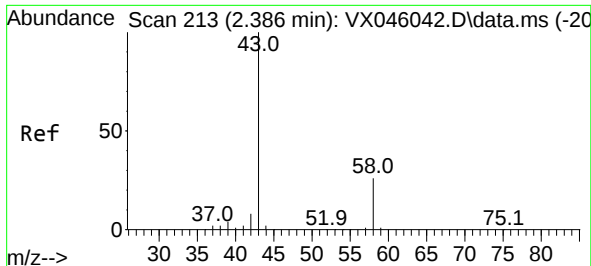
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#11
Tert butyl alcohol
Concen: 18.305 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

Tgt Ion: 59 Resp: 3141
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8





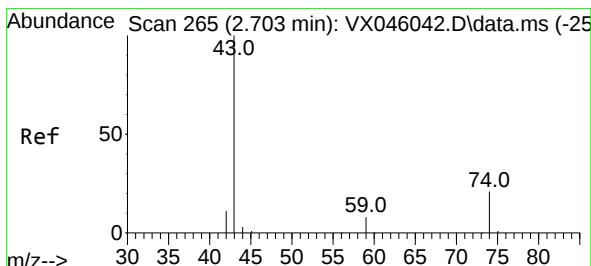
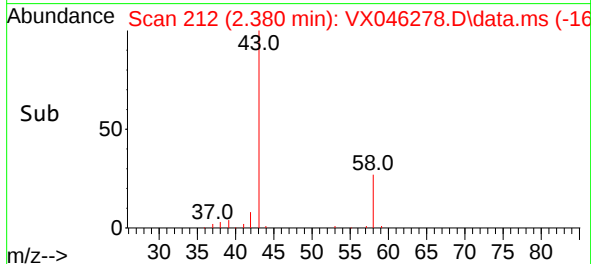
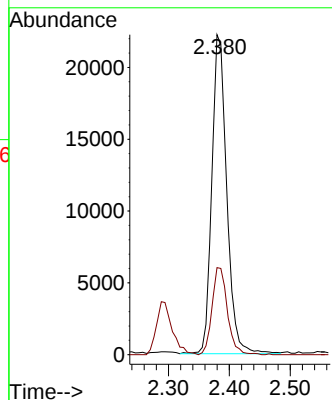
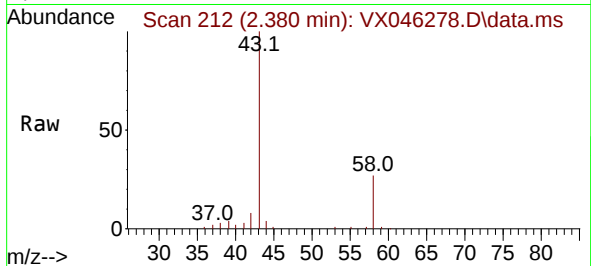
#16
Acetone
Concen: 77.120 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
SB-9

Tgt Ion: 43 Resp: 37799
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8

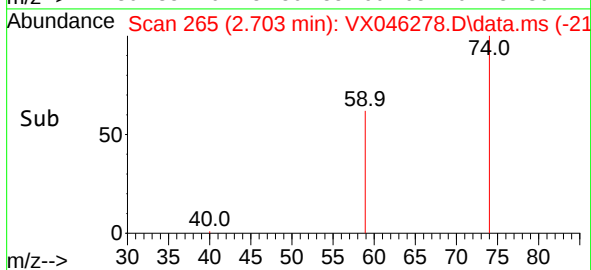
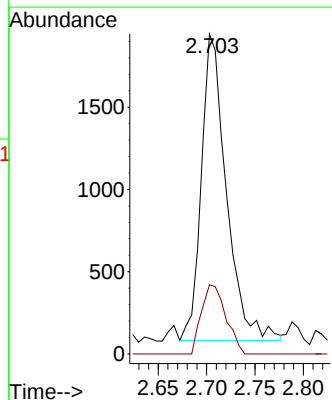
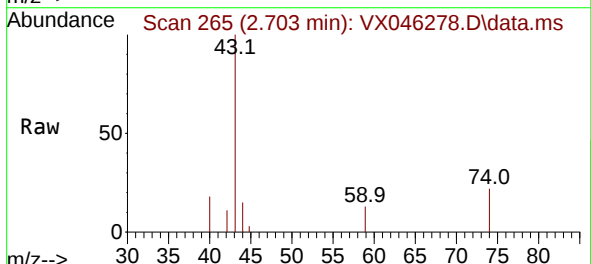
Manual Integrations
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Reviewed By :John Carlone 05/21/2025
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#18
Methyl Acetate
Concen: 2.952 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

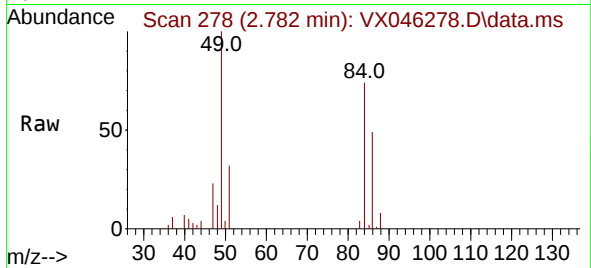
Tgt Ion: 43 Resp: 3358
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1





#20
Methylene Chloride
Concen: 10.157 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

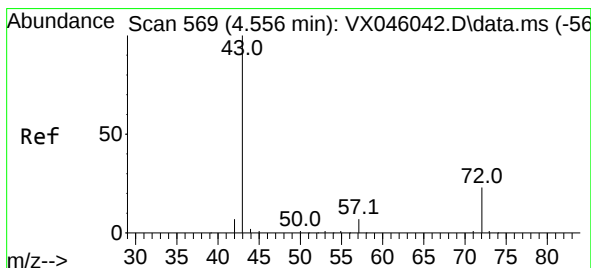
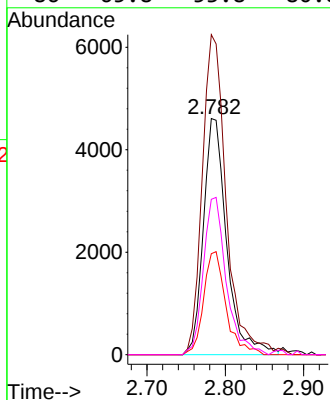
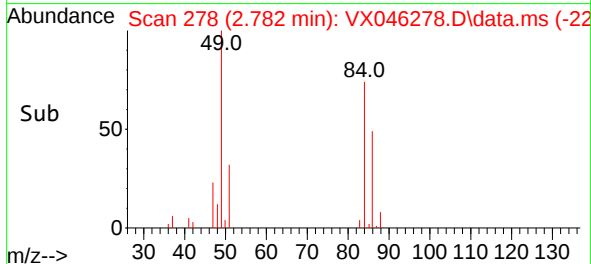
Instrument :
MSVOA_X
ClientSampleId :
SB-9



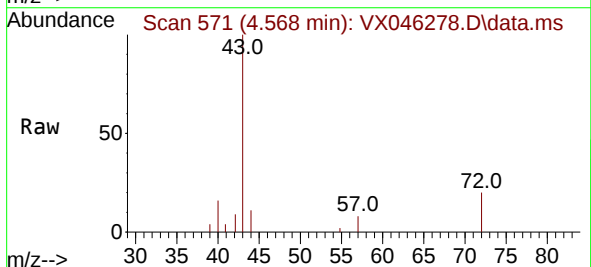
Tgt Ion: 84 Resp: 9540
Ion Ratio Lower Upper
84 100
49 135.5 113.9 170.9
51 42.8 33.5 50.3
86 65.8 53.8 80.8

Manual Integrations
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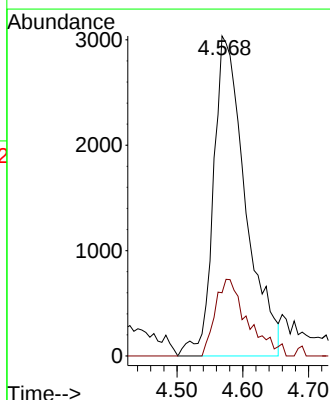
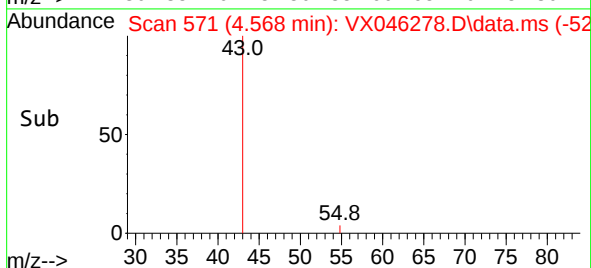
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

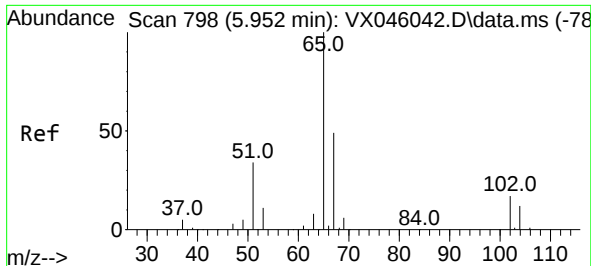


#25
2-Butanone
Concen: 14.455 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19



Tgt Ion: 43 Resp: 10286
Ion Ratio Lower Upper
43 100
72 19.8 18.4 27.6





#33

1,2-Dichloroethane-d4

Concen: 52.551 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046278.D

Acq: 19 May 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

SB-9

Tgt Ion: 65 Resp: 64239

Ion Ratio Lower Upper

65 100

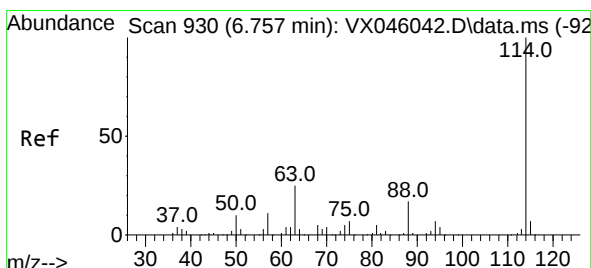
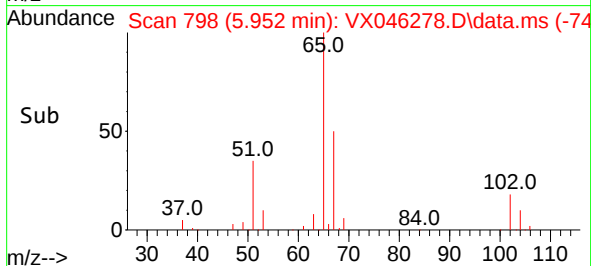
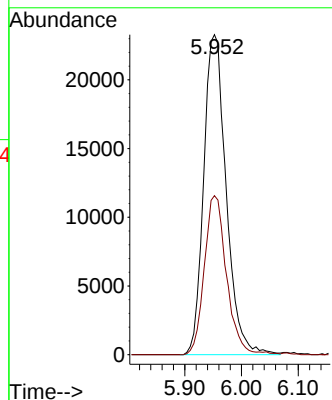
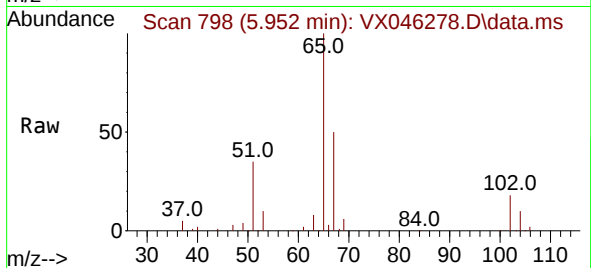
67 48.9 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046278.D

Acq: 19 May 2025 19:19

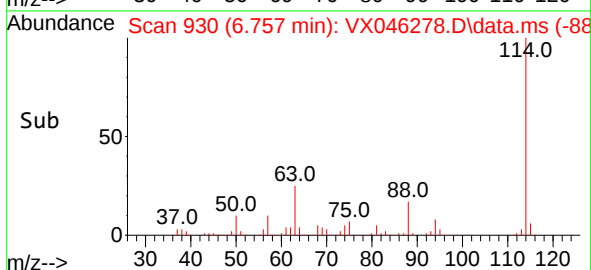
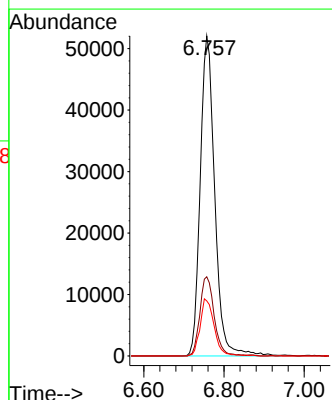
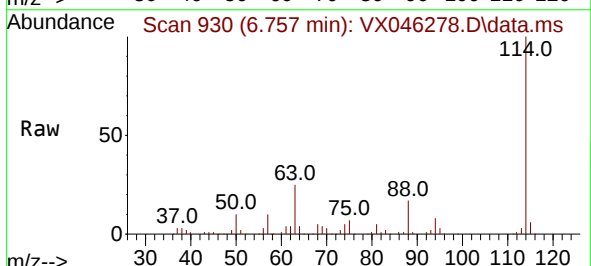
Tgt Ion:114 Resp: 130869

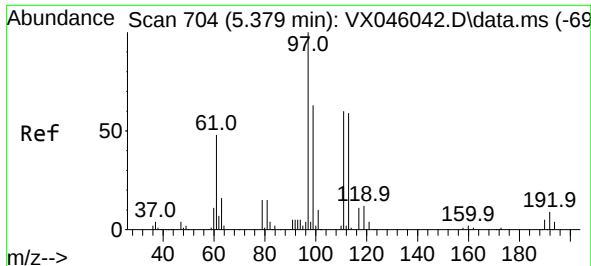
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

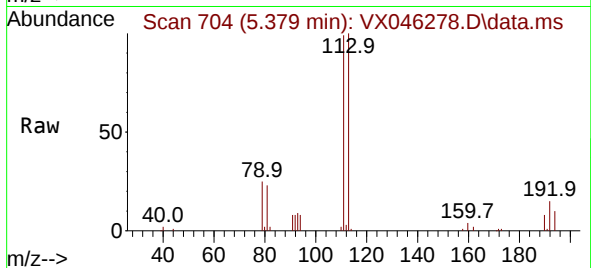
88 17.2 0.0 33.6





#35
Dibromofluoromethane
Concen: 50.140 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

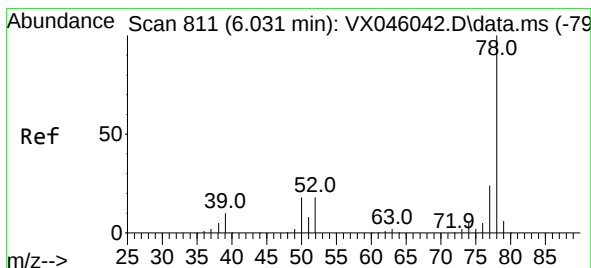
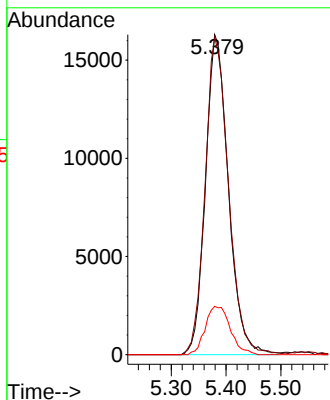
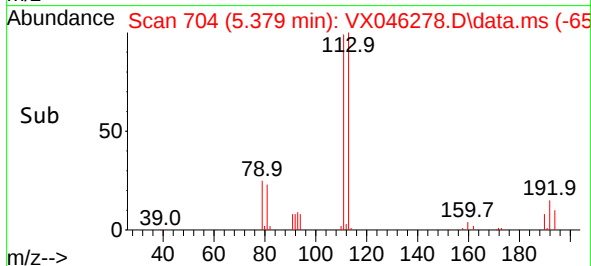
Instrument :
MSVOA_X
ClientSampleId :
SB-9



Tgt Ion:113 Resp: 4725
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 16.5 13.3 19.9

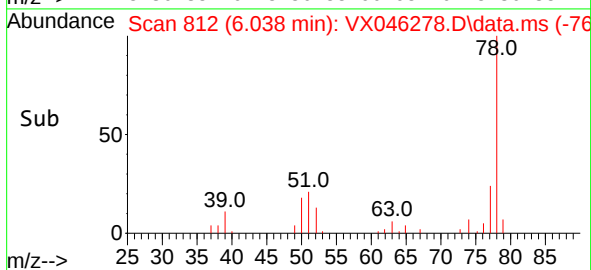
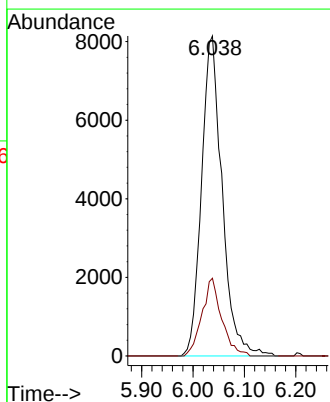
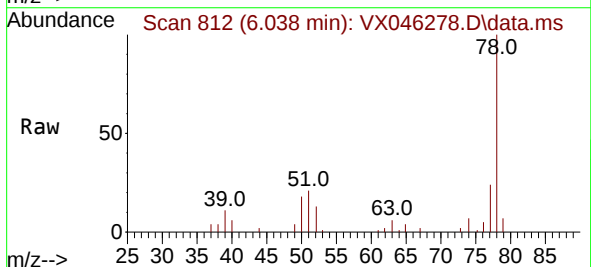
Manual Integrations
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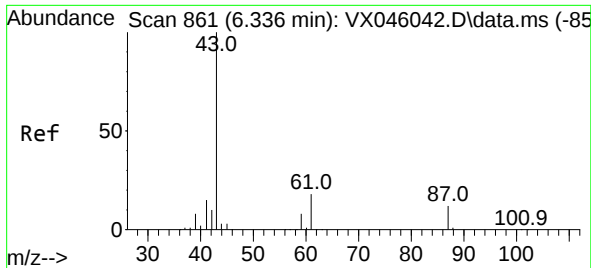
Reviewed By :John Carbone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40
Benzene
Concen: 6.112 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

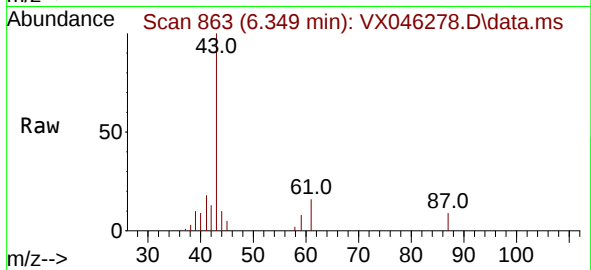
Tgt Ion: 78 Resp: 22668
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#43
Isopropyl Acetate
Concen: 6.256 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

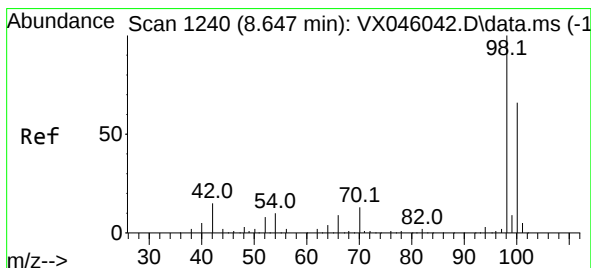
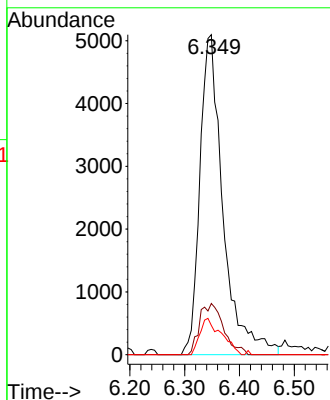
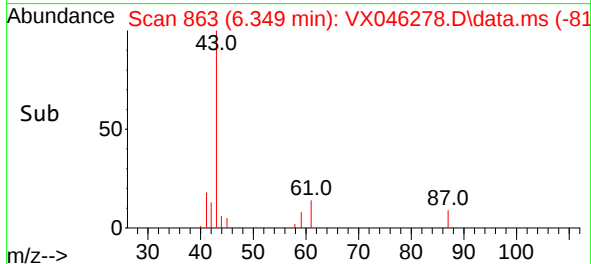
Instrument :
MSVOA_X
ClientSampleId :
SB-9



Tgt Ion: 43 Resp: 1493
Ion Ratio Lower Upper
43 100
61 16.6 14.3 21.5
87 10.6 9.5 14.3

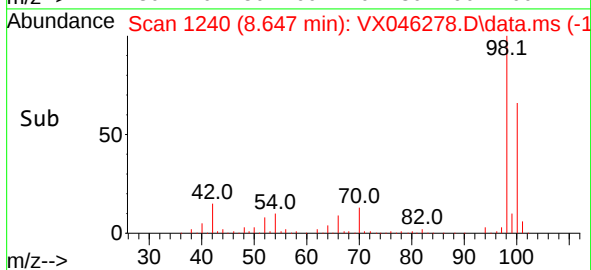
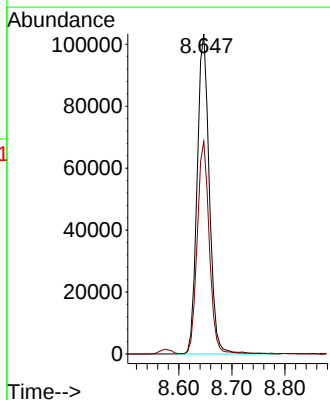
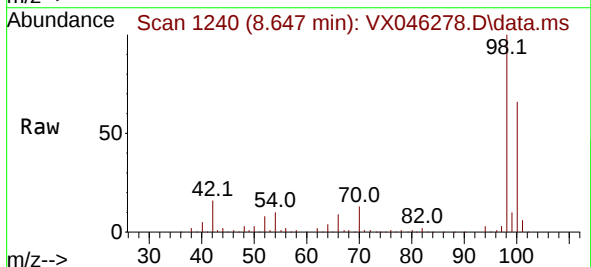
Manual Integrations
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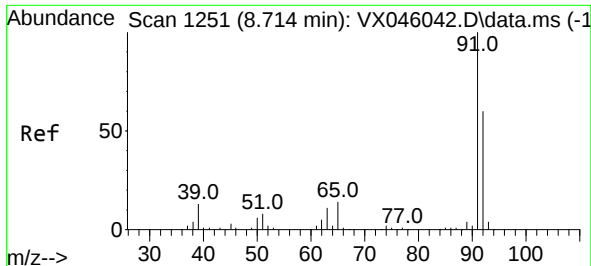
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 50.577 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

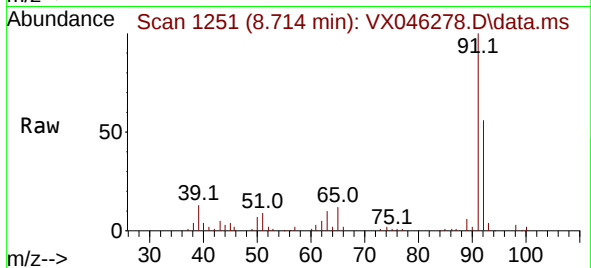
Tgt Ion: 98 Resp: 164969
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3





#52
Toluene
Concen: 6.991 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

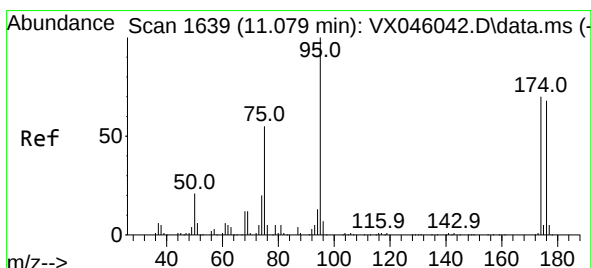
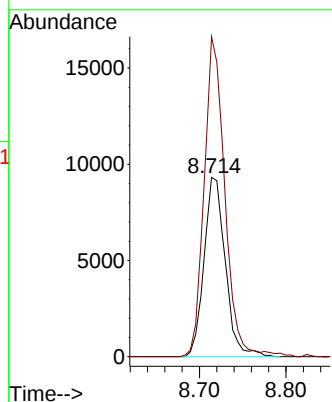
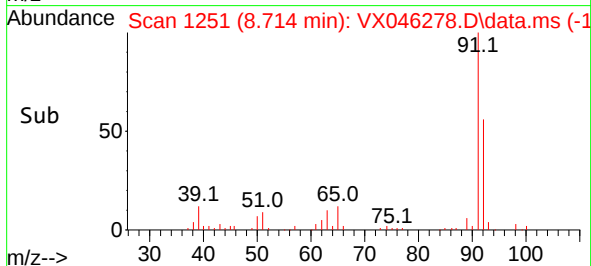
Instrument :
MSVOA_X
ClientSampleId :
SB-9



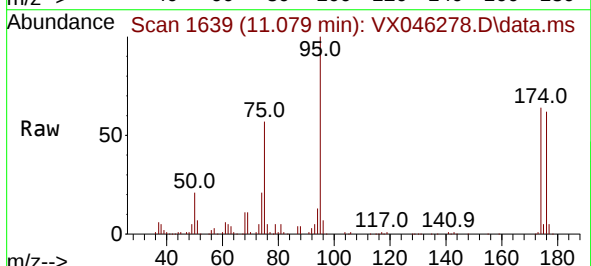
Tgt Ion: 92 Resp: 1589
Ion Ratio Lower Upper
92 100
91 173.5 136.6 205.0

Manual Integrations
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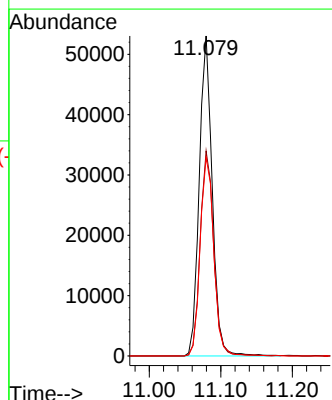
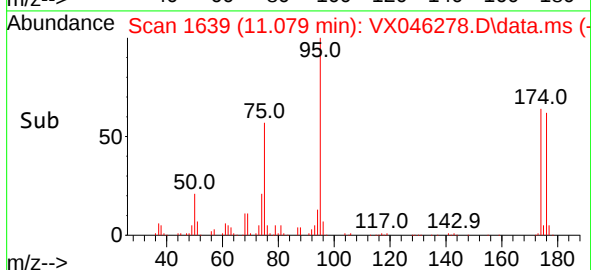
Reviewed By :John Carlone 05/21/2025
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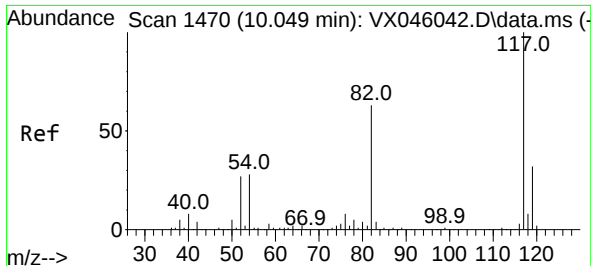


#62
4-Bromofluorobenzene
Concen: 53.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19



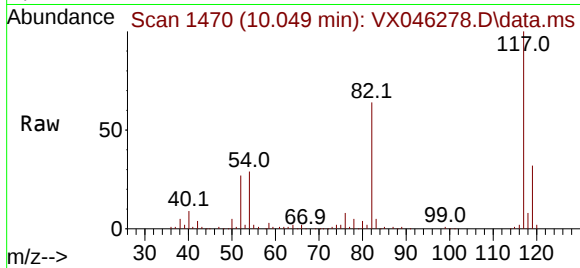
Tgt Ion: 95 Resp: 66826
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 64.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

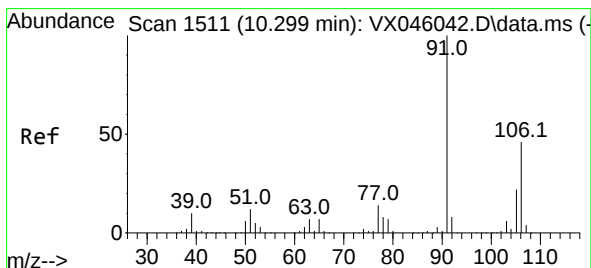
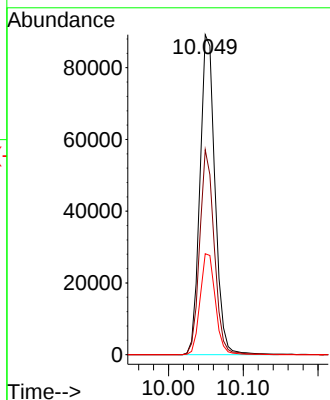
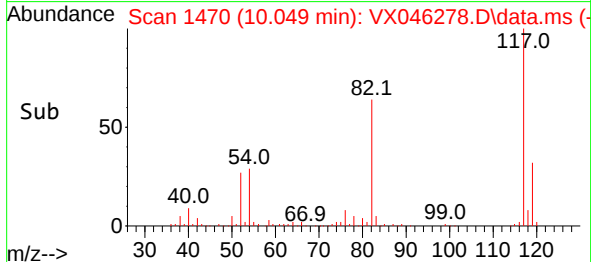
Instrument :
MSVOA_X
ClientSampleId :
SB-9



Tgt Ion:117 Resp: 124790
Ion Ratio Lower Upper
117 100
82 64.1 50.6 76.0
119 31.5 25.8 38.6

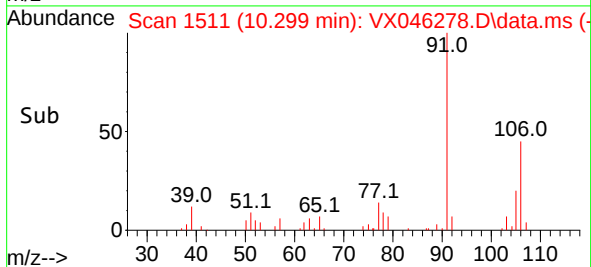
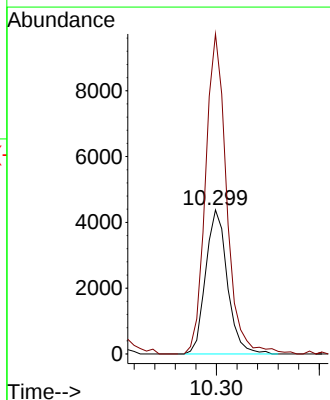
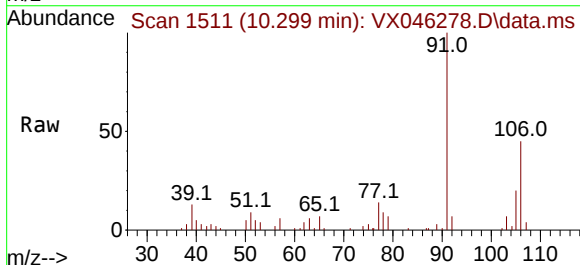
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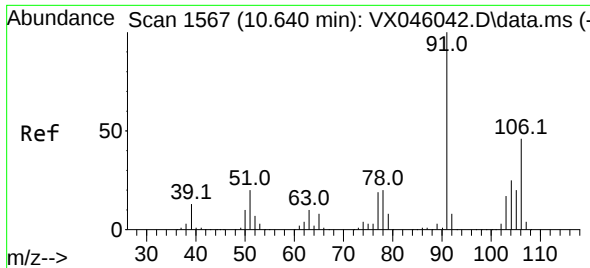
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#68
m/p-Xylenes
Concen: 3.648 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

Tgt Ion:106 Resp: 6425
Ion Ratio Lower Upper
106 100
91 216.0 171.2 256.8





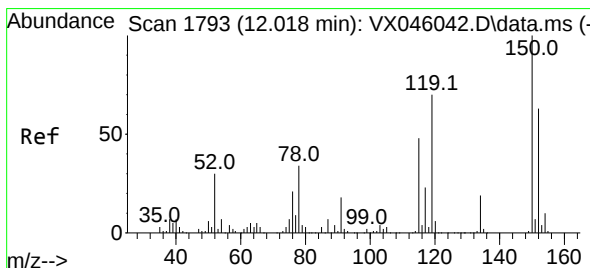
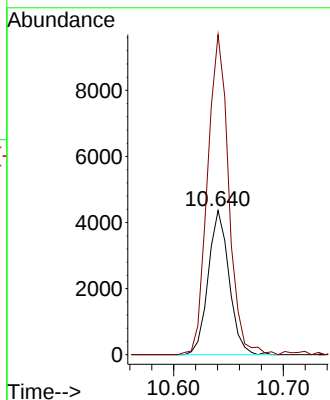
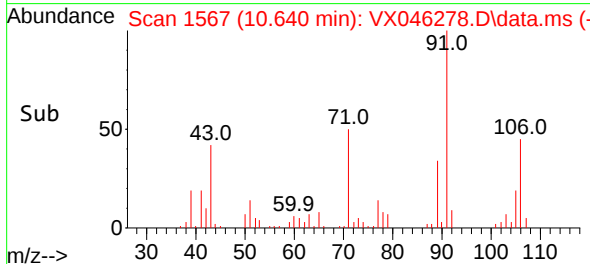
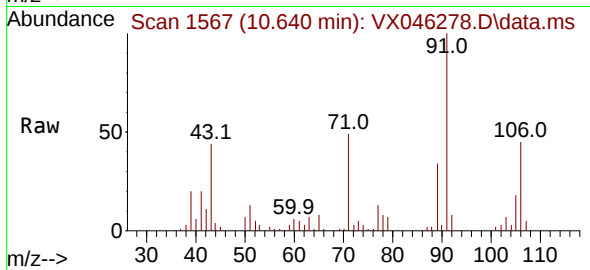
#69
o-Xylene
Concen: 3.353 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
SB-9

Tgt Ion:106 Resp: 5750
Ion Ratio Lower Upper
106 100
91 225.5 112.7 338.1

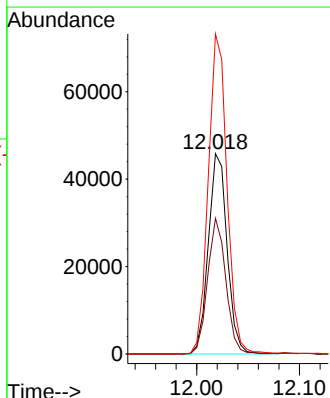
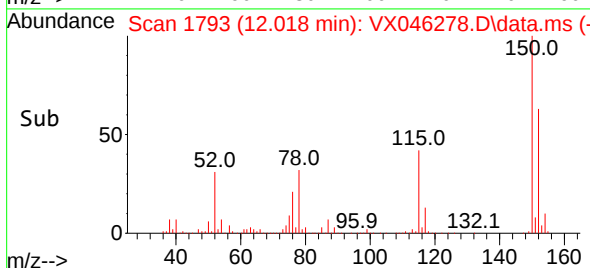
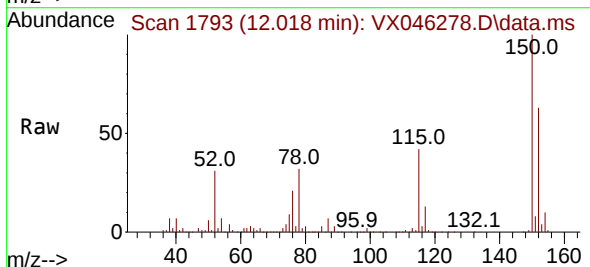
Manual Integrations
APPROVED

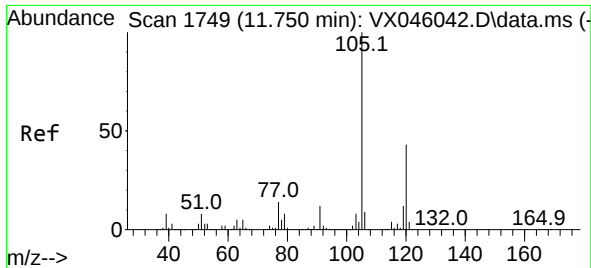
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046278.D
Acq: 19 May 2025 19:19

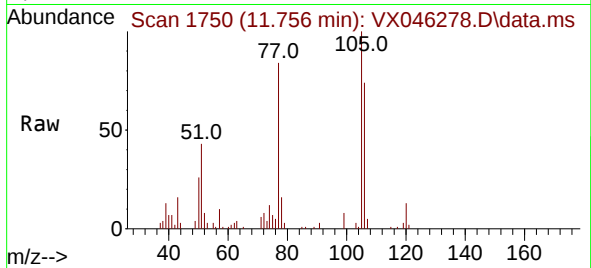
Tgt Ion:152 Resp: 58201
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 159.1 0.0 351.0





#84
 1,2,4-Trimethylbenzene
 Concen: 2.909 ug/l m
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046278.D
 Acq: 19 May 2025 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9



Tgt Ion:105 Resp: 11150
 Ion Ratio Lower Upper
 105 100
 120 2.1 21.2 63.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

