

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046276.D
 Acq On : 19 May 2025 18:32
 Operator : JC/MD
 Sample : Q2053-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7

Quant Time: May 19 23:16:30 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	64888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63930	52.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.700%			
35) Dibromofluoromethane	5.379	113	47386	50.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.647	98	164708	50.650	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.079	95	66326	53.173	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.340%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	3463	20.394	ug/l	98
16) Acetone	2.380	43	37461	77.233	ug/l	98
18) Methyl Acetate	2.703	43	3907	3.471	ug/l	97
20) Methylene Chloride	2.788	84	10182	10.954	ug/l	97
25) 2-Butanone	4.568	43	9609	13.646	ug/l	95
40) Benzene	6.037	78	7185	1.943	ug/l	92
43) Isopropyl Acetate	6.348	43	16138	6.783	ug/l	99
52) Toluene	8.714	92	10473	4.619	ug/l	99
68) m/p-Xylenes	10.299	106	6388	3.637	ug/l	91
69) o-Xylene	10.640	106	6510	3.802	ug/l	87
84) 1,2,4-Trimethylbenzene	11.750	105	15696m	4.208	ug/l	
95) Naphthalene	13.774	128	174168	44.108	ug/l	100

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

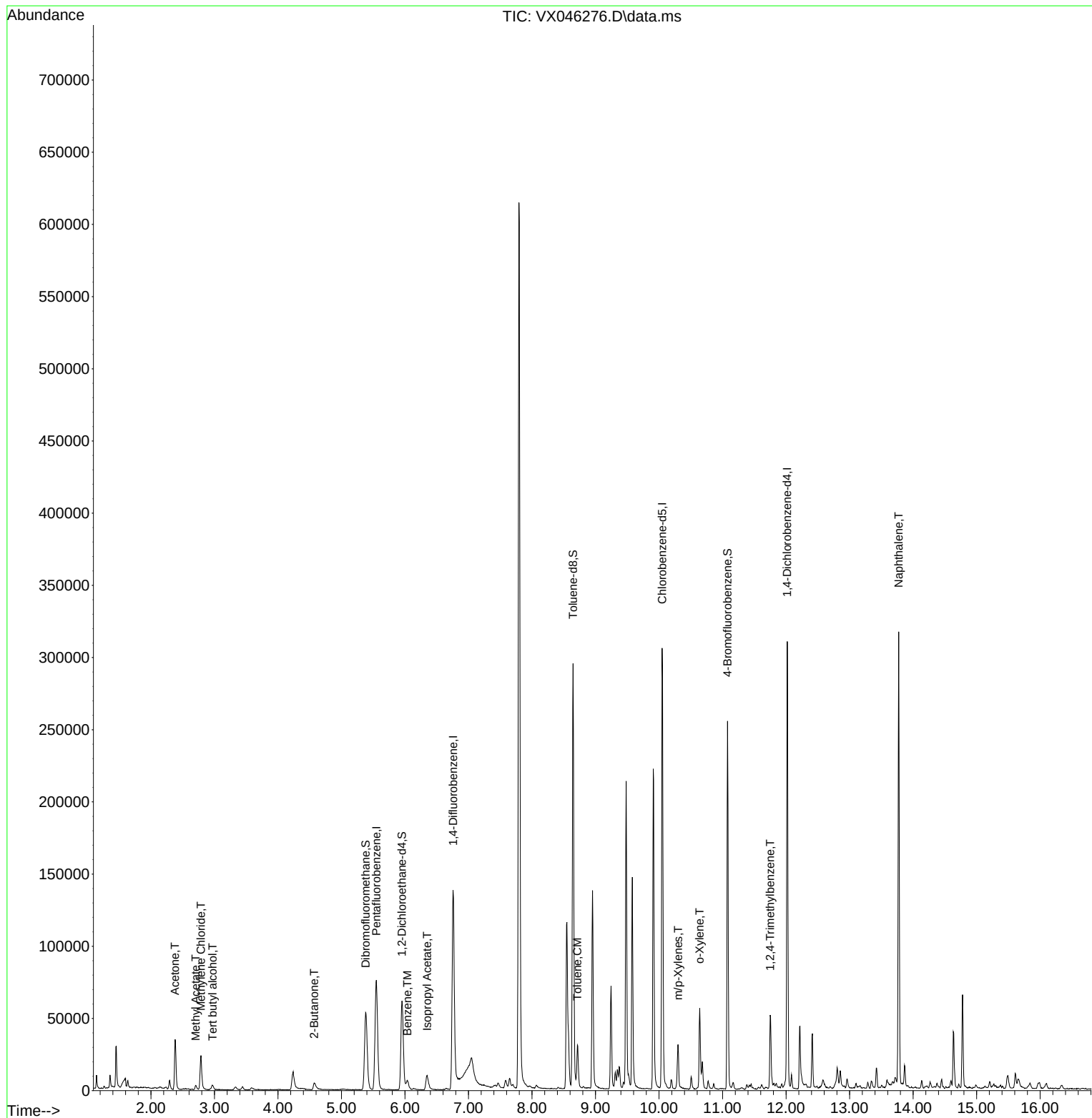
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046276.D
Acq On : 19 May 2025 18:32
Operator : JC/MD
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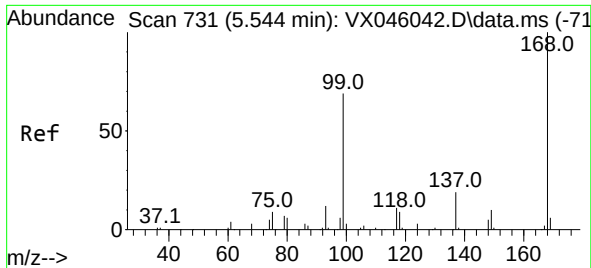
Instrument :
MSVOA_X
ClientSampleId :
SB-7

Quant Time: May 19 23:16:30 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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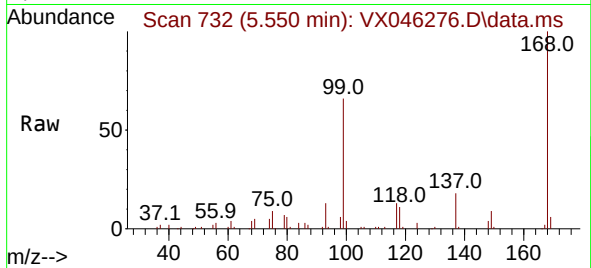
Reviewed By : John Carlone 05/21/2025
Supervised By : Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

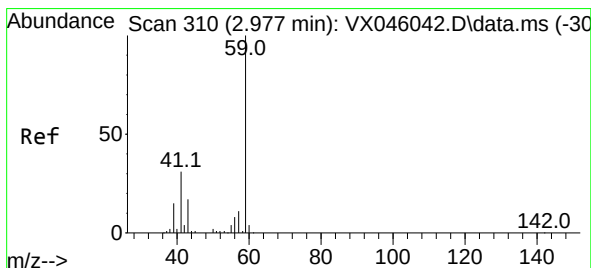
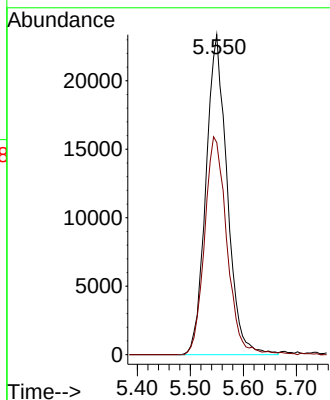
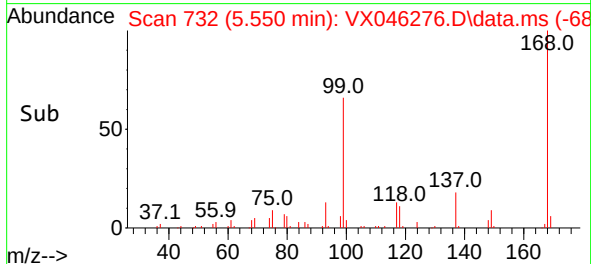
Instrument :
MSVOA_X
ClientSampleId :
SB-7



Tgt Ion:168 Resp: 6488
Ion Ratio Lower Upper
168 100
99 66.3 54.9 82.3

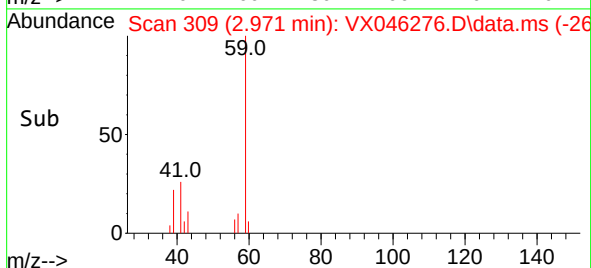
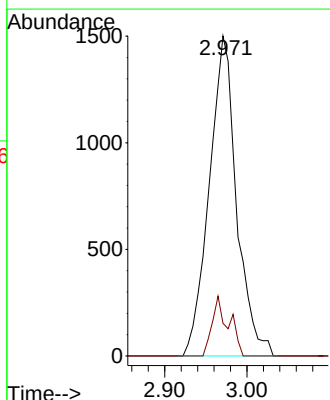
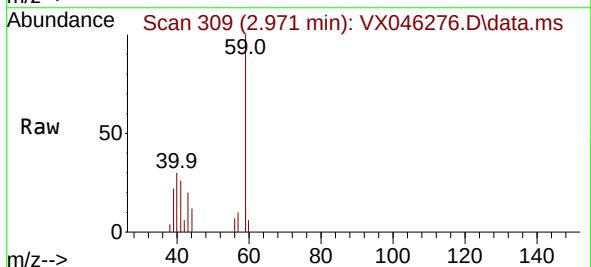
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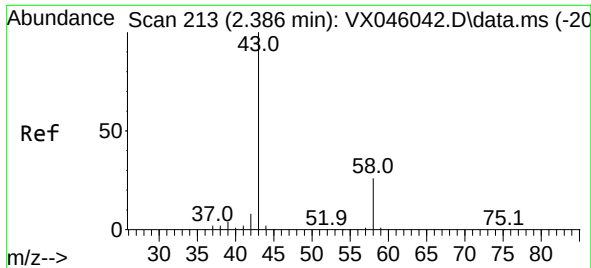
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#11
Tert butyl alcohol
Concen: 20.394 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

Tgt Ion: 59 Resp: 3463
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8





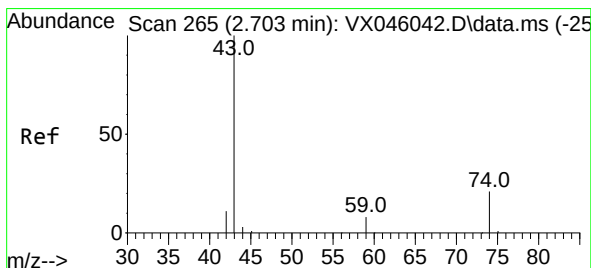
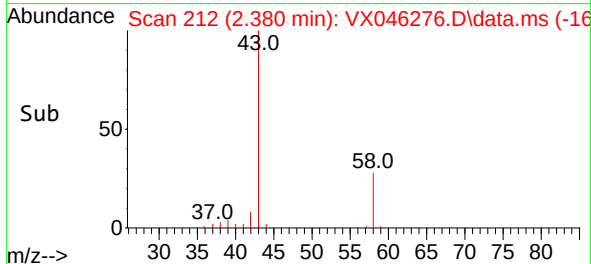
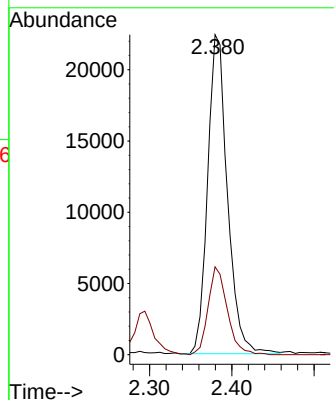
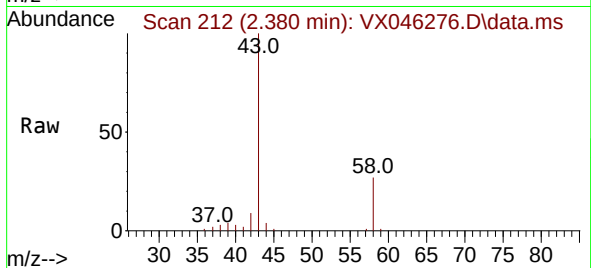
#16
Acetone
Concen: 77.233 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
SB-7

Tgt Ion: 43 Resp: 3746
Ion Ratio Lower Upper
43 100
58 27.5 21.2 31.8

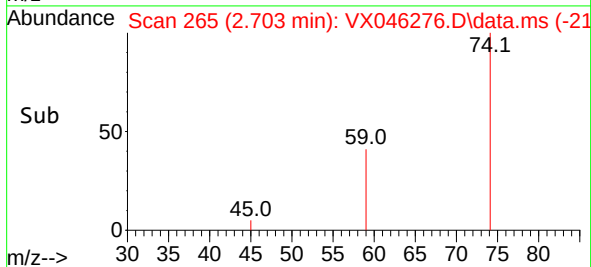
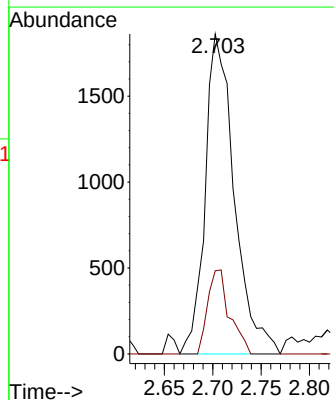
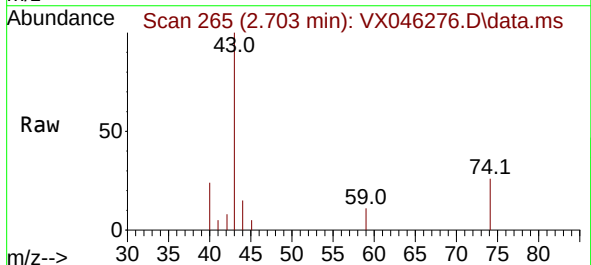
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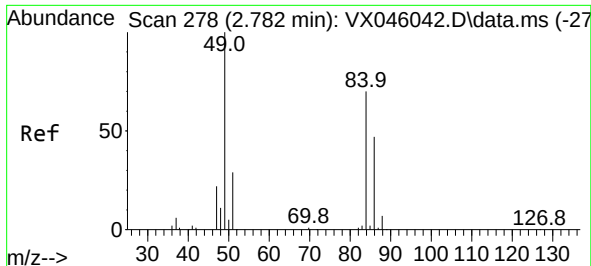
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#18
Methyl Acetate
Concen: 3.471 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

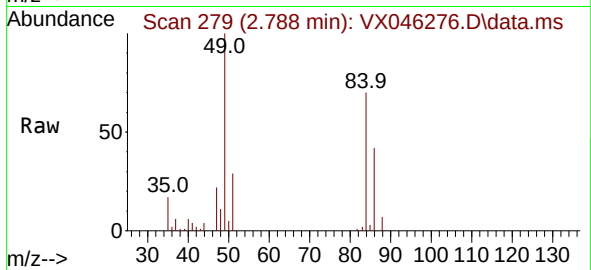
Tgt Ion: 43 Resp: 3907
Ion Ratio Lower Upper
43 100
74 19.7 16.7 25.1





#20
Methylene Chloride
Concen: 10.954 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

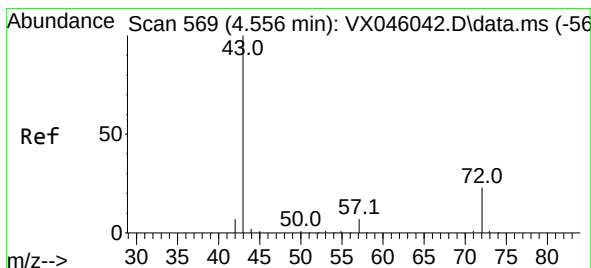
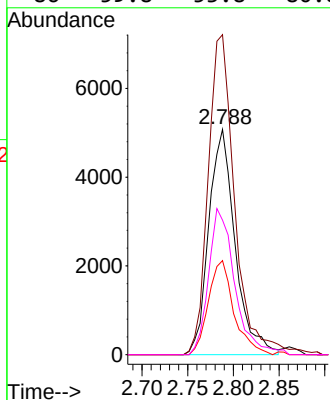
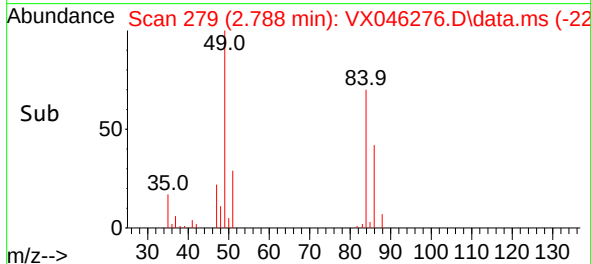
Instrument :
MSVOA_X
ClientSampleId :
SB-7



Tgt Ion: 84 Resp: 1018
Ion Ratio Lower Upper
84 100
49 142.0 113.9 170.9
51 41.7 33.5 50.3
86 59.8 53.8 80.8

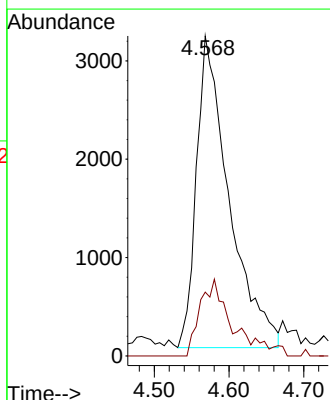
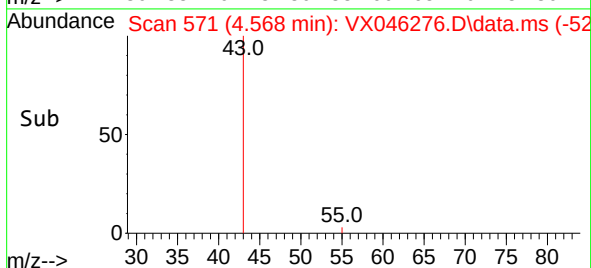
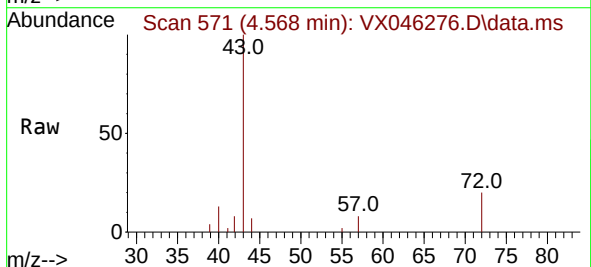
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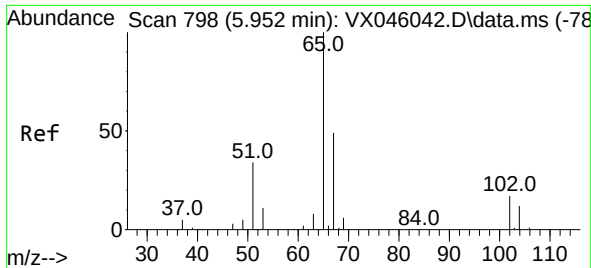
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#25
2-Butanone
Concen: 13.646 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

Tgt Ion: 43 Resp: 9609
Ion Ratio Lower Upper
43 100
72 20.5 18.4 27.6





#33

1,2-Dichloroethane-d4

Concen: 52.847 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046276.D

Acq: 19 May 2025 18:32

Instrument :

MSVOA_X

ClientSampleId :

SB-7

Tgt Ion: 65 Resp: 63930

Ion Ratio Lower Upper

65 100

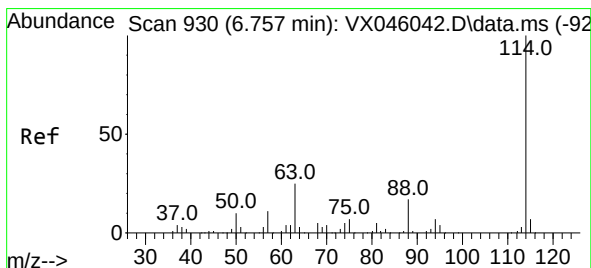
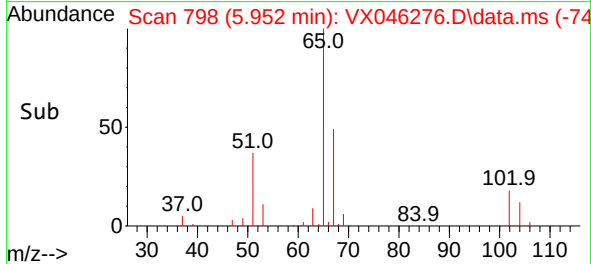
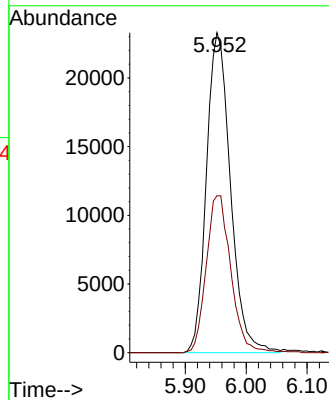
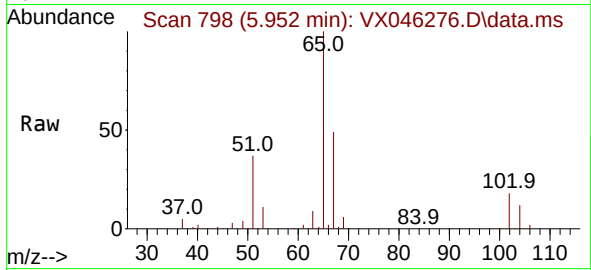
67 50.2 0.0 99.0

Manual Integrations

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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: VX046276.D

Acq: 19 May 2025 18:32

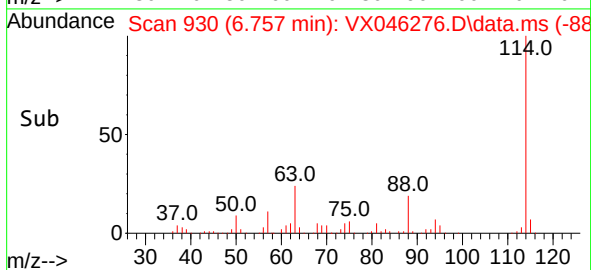
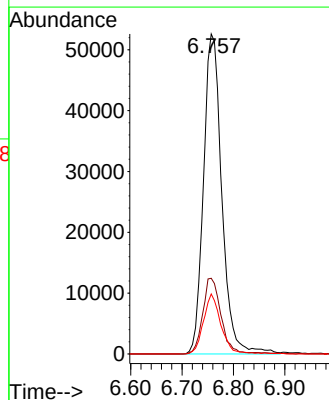
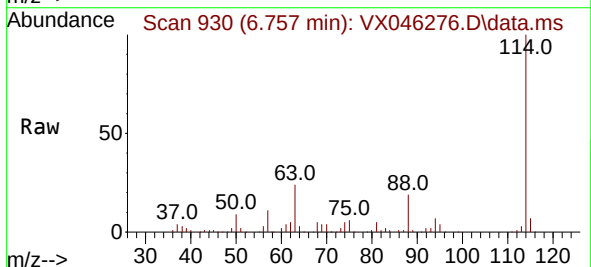
Tgt Ion:114 Resp: 130472

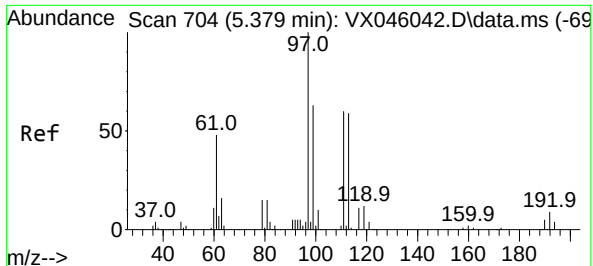
Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.2

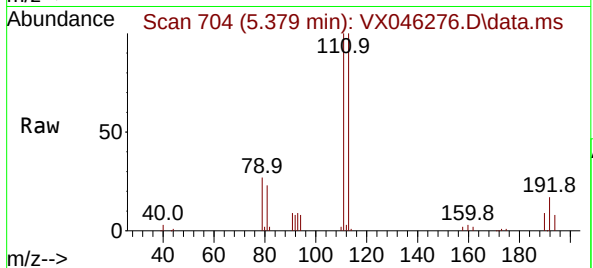
88 18.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 50.436 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

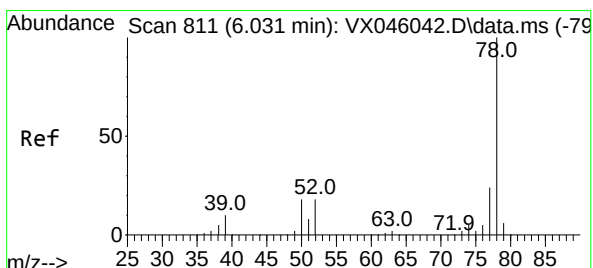
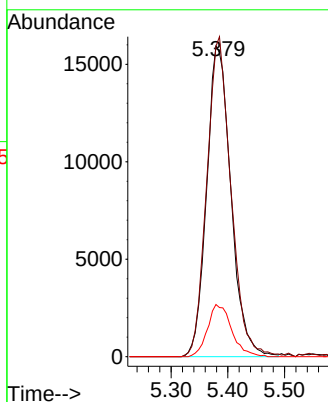
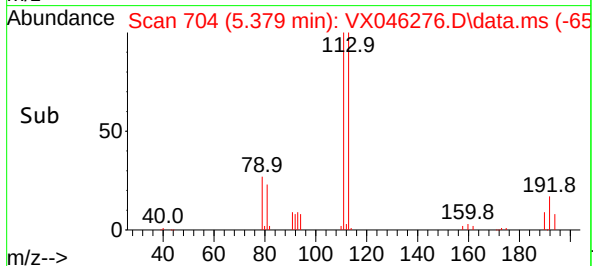
Instrument :
MSVOA_X
ClientSampleId :
SB-7



Tgt Ion:113 Resp: 47386
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.7 13.3 19.9

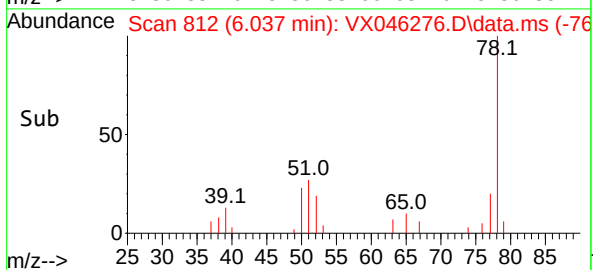
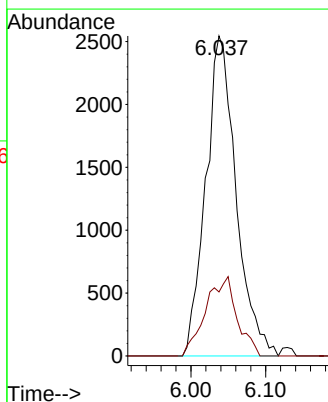
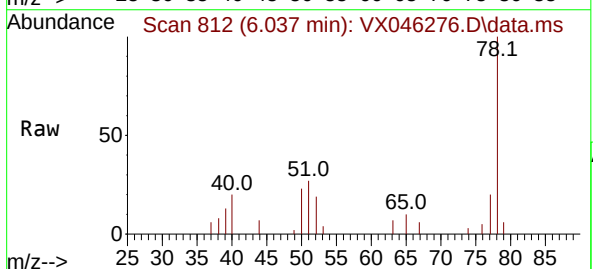
Manual Integrations
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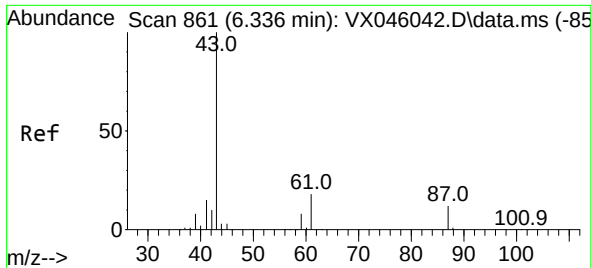
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40
Benzene
Concen: 1.943 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

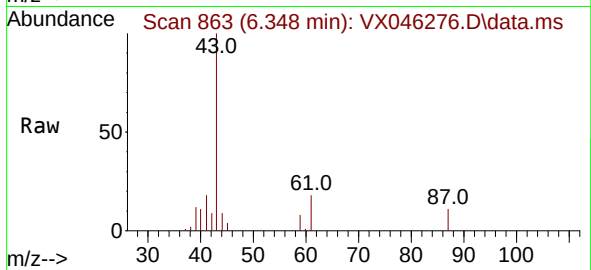
Tgt Ion: 78 Resp: 7185
Ion Ratio Lower Upper
78 100
77 20.0 19.0 28.4





#43
Isopropyl Acetate
Concen: 6.783 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

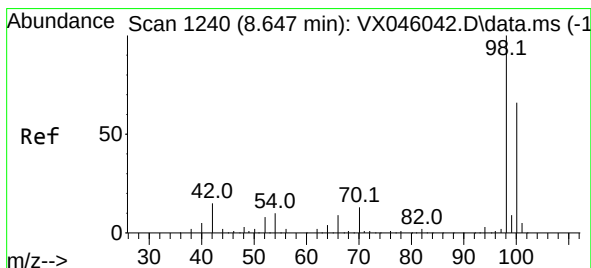
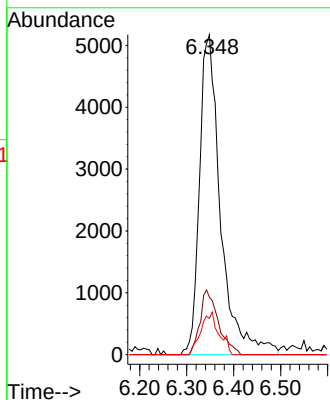
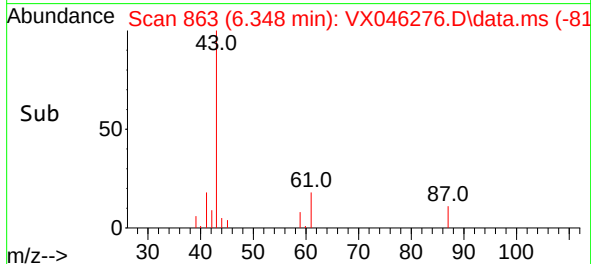
Instrument :
MSVOA_X
ClientSampleId :
SB-7



Tgt Ion: 43 Resp: 16138
Ion Ratio Lower Upper
43 100
61 17.5 14.3 21.5
87 11.5 9.5 14.3

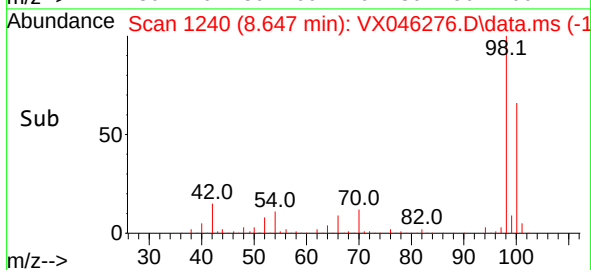
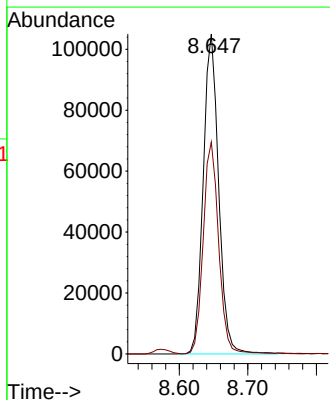
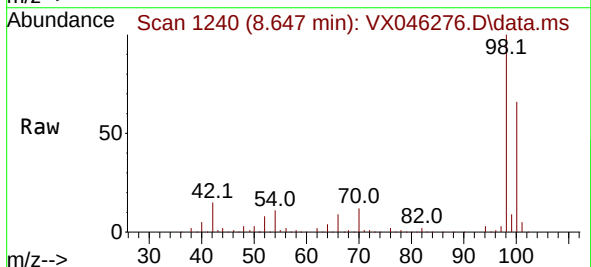
Manual Integrations
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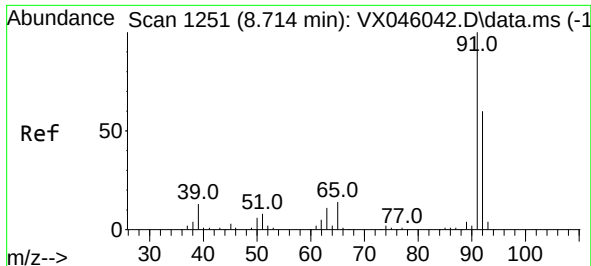
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 50.650 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

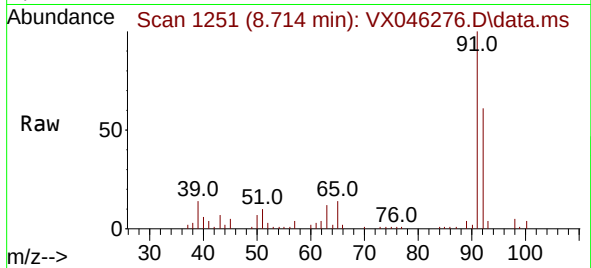
Tgt Ion: 98 Resp: 164708
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3





#52
Toluene
Concen: 4.619 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

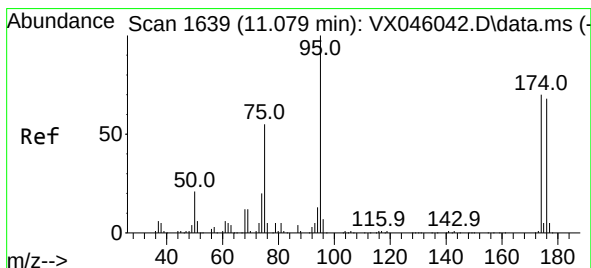
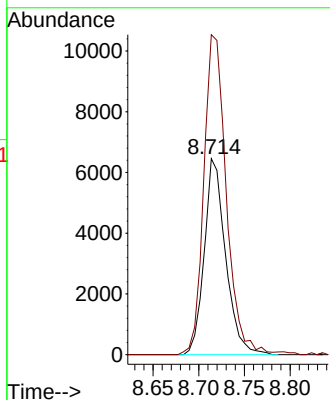
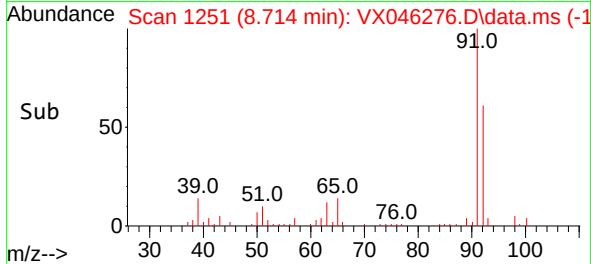
Instrument :
MSVOA_X
ClientSampleId :
SB-7



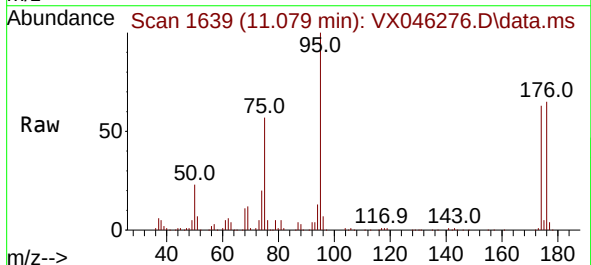
Tgt Ion: 92 Resp: 1047
Ion Ratio Lower Upper
92 100
91 172.8 136.6 205.0

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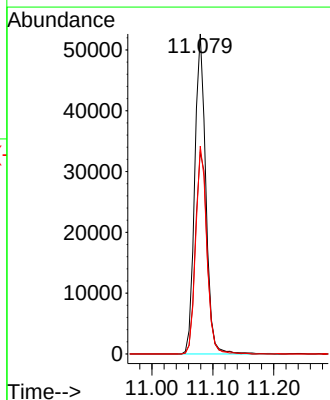
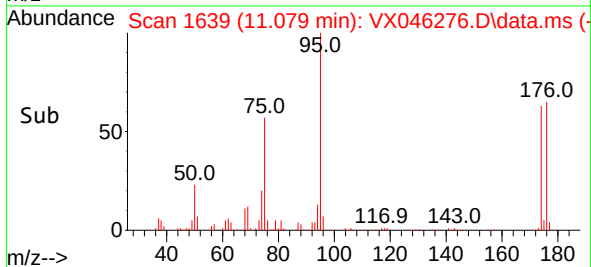
Reviewed By :John Carlone 05/21/2025
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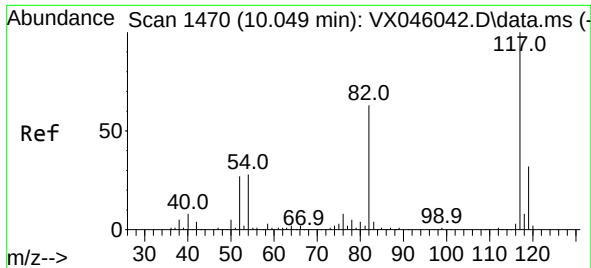


#62
4-Bromofluorobenzene
Concen: 53.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32



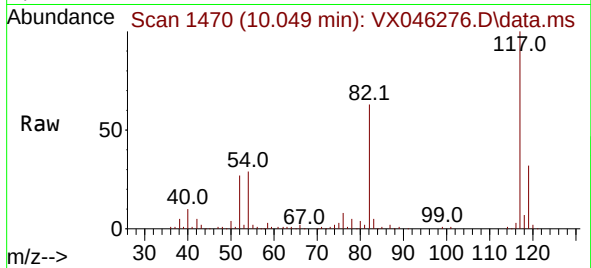
Tgt Ion: 95 Resp: 66326
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 65.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

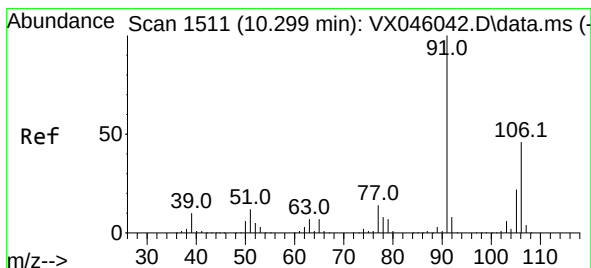
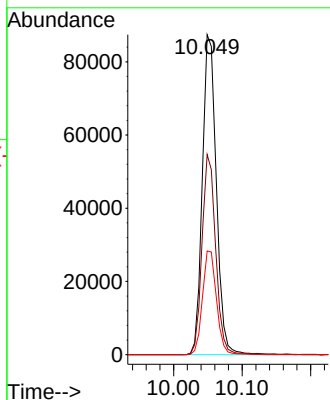
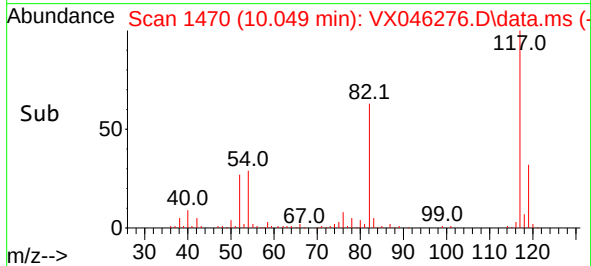
Instrument :
MSVOA_X
ClientSampleId :
SB-7



Tgt Ion:117 Resp: 12445
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 32.4 25.8 38.6

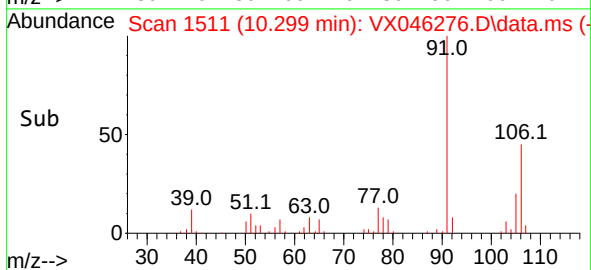
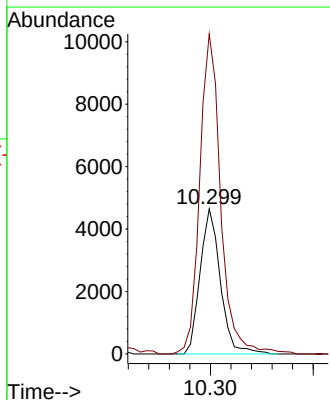
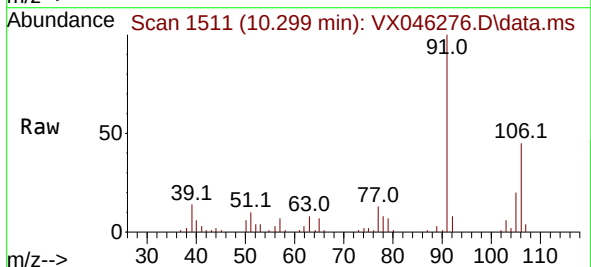
Manual Integrations
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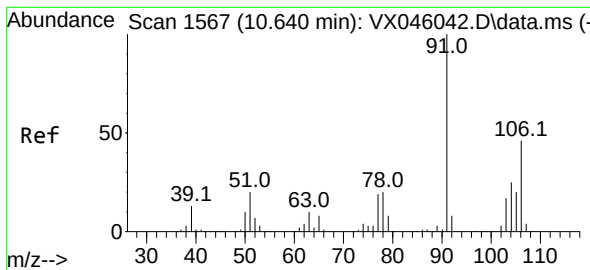
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#68
m/p-Xylenes
Concen: 3.637 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

Tgt Ion:106 Resp: 6388
Ion Ratio Lower Upper
106 100
91 227.9 171.2 256.8





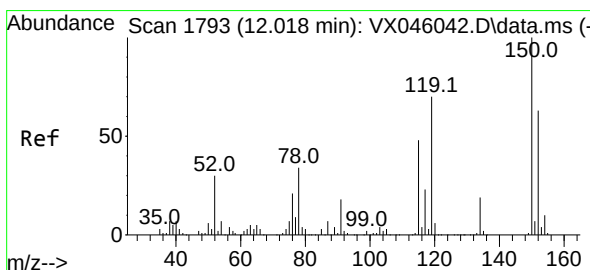
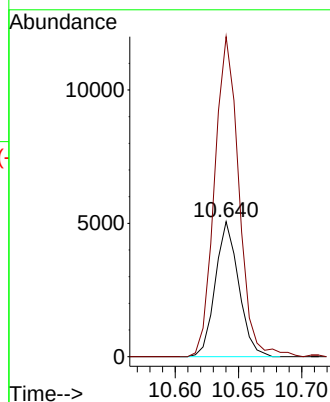
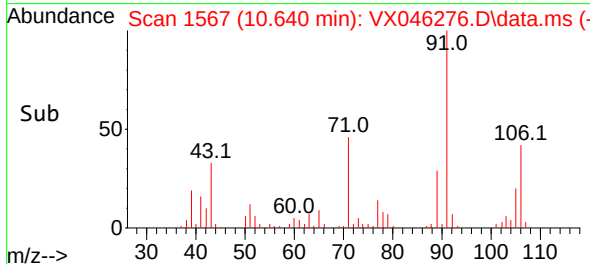
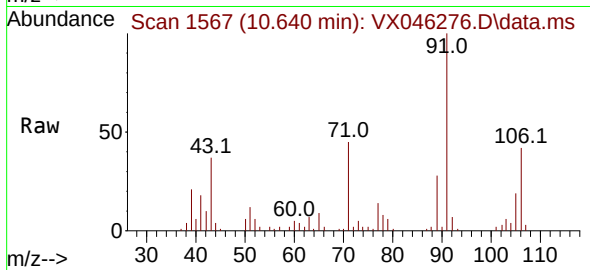
#69
o-Xylene
Concen: 3.802 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
SB-7

Tgt Ion:106 Resp: 6510
Ion Ratio Lower Upper
106 100
91 246.2 112.7 338.1

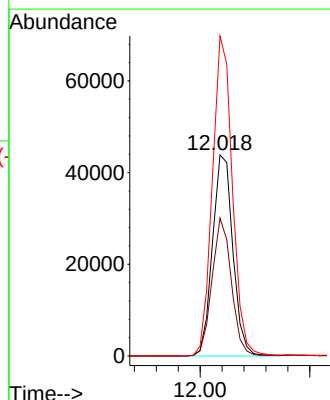
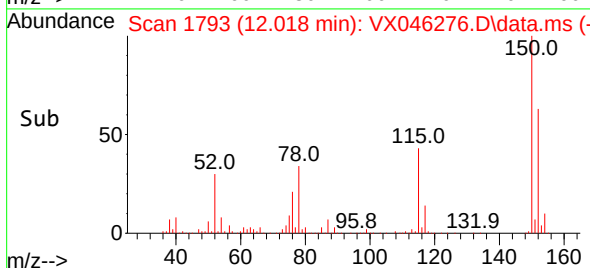
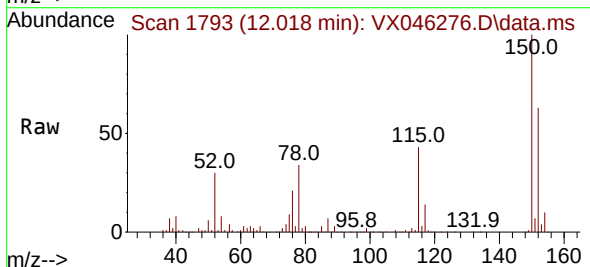
Manual Integrations
APPROVED

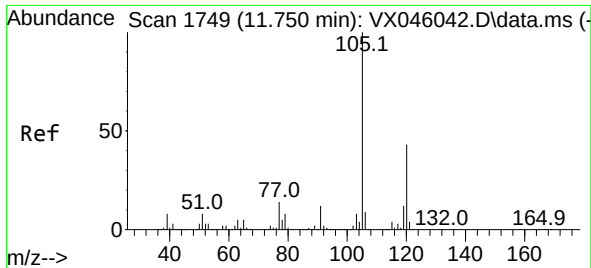
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

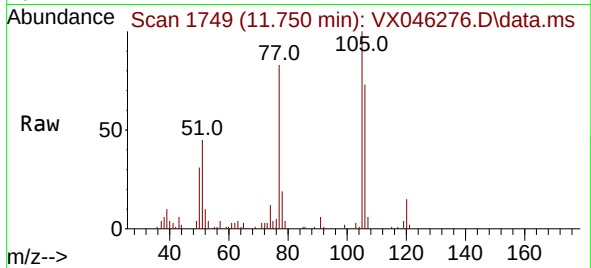
Tgt Ion:152 Resp: 56627
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 156.6 0.0 351.0





#84
1,2,4-Trimethylbenzene
Concen: 4.208 ug/l m
RT: 11.750 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

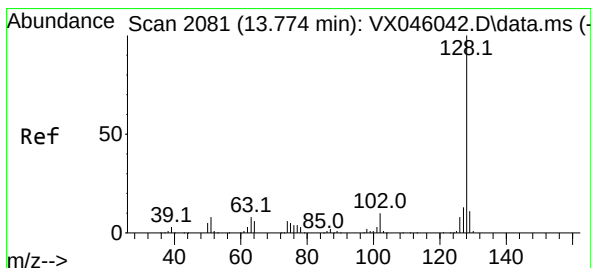
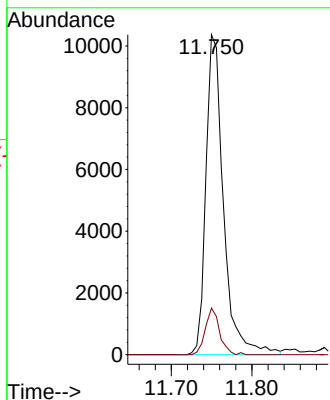
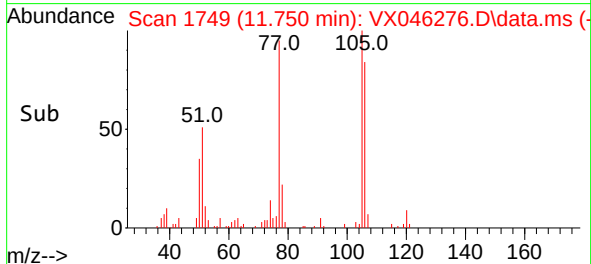
Instrument :
MSVOA_X
ClientSampleId :
SB-7



Tgt Ion:105 Resp: 15690
Ion Ratio Lower Upper
105 100
120 2.0 21.2 63.6

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 44.108 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046276.D
Acq: 19 May 2025 18:32

Tgt Ion:128 Resp: 174168
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0

