

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046090.D
 Acq On : 08 May 2025 14:52
 Operator : JC/MD
 Sample : Q1972-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUB-WC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

Quant Time: May 09 01:57:33 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	62301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62457	53.773	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.540%			
35) Dibromofluoromethane	5.379	113	45627	51.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.647	98	157303	51.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.180%			
62) 4-Bromofluorobenzene	11.079	95	59377	50.279	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.560%			
Target Compounds						
16) Acetone	2.380	43	21180	45.480	ug/l	98
18) Methyl Acetate	2.703	43	1762	1.630	ug/l	96
20) Methylene Chloride	2.788	84	1990	2.230	ug/l #	92
25) 2-Butanone	4.587	43	3412m	5.047	ug/l	
43) Isopropyl Acetate	6.349	43	11561	5.132	ug/l	98

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

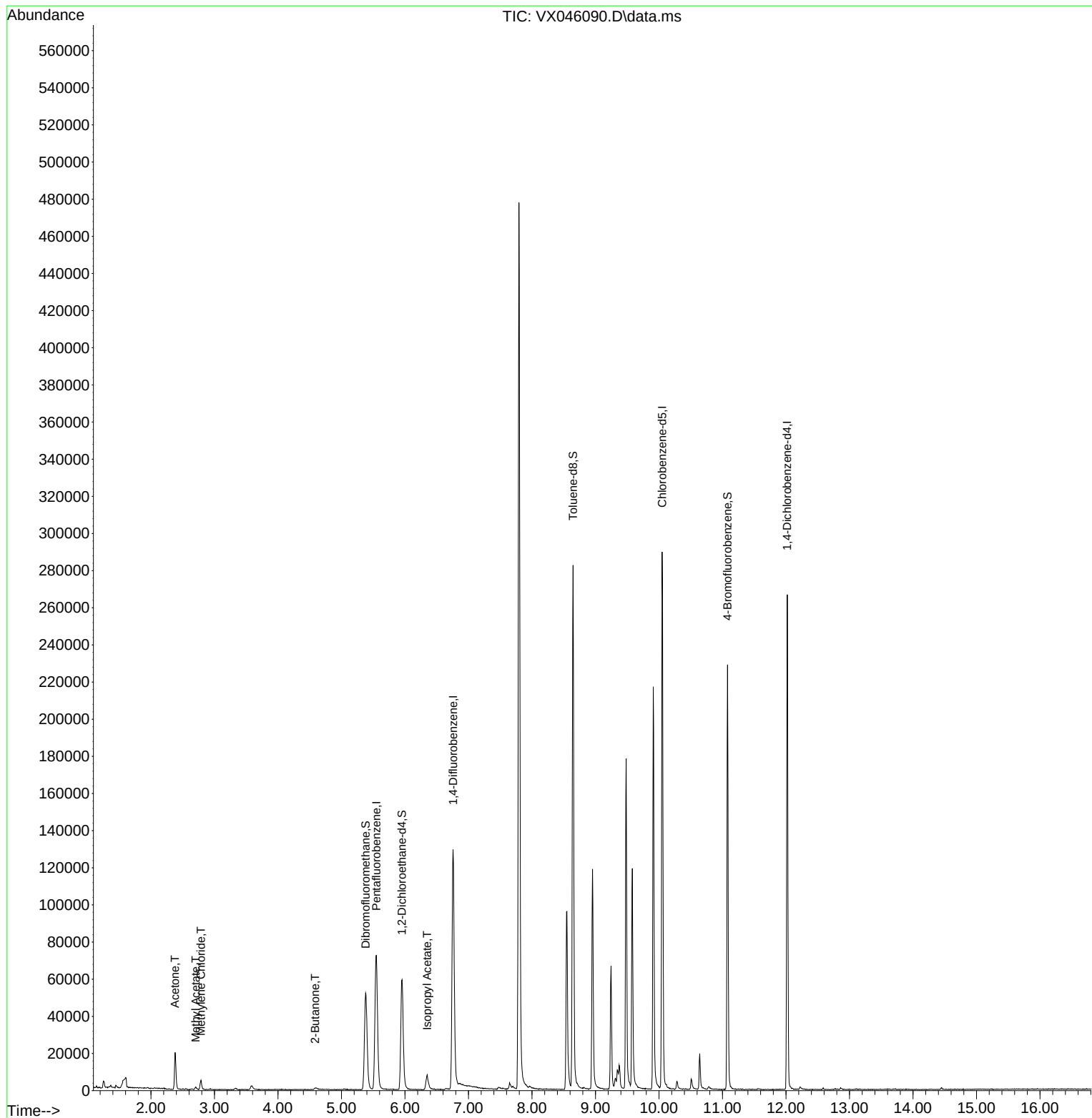
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
Data File : VX046090.D
Acq On : 08 May 2025 14:52
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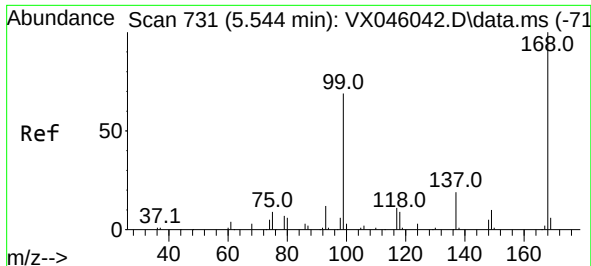
Instrument :
MSVOA_X
ClientSampleId :
SUB-WC

Quant Time: May 09 01:57:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
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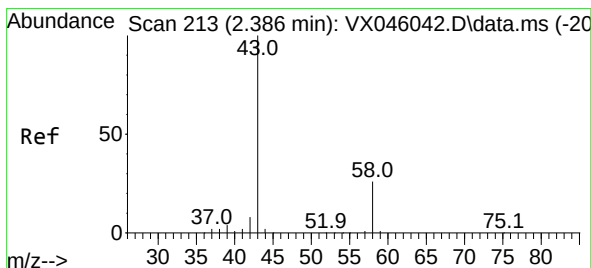
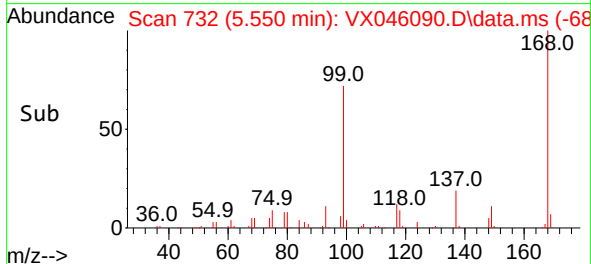
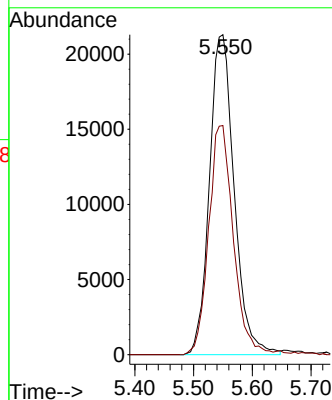
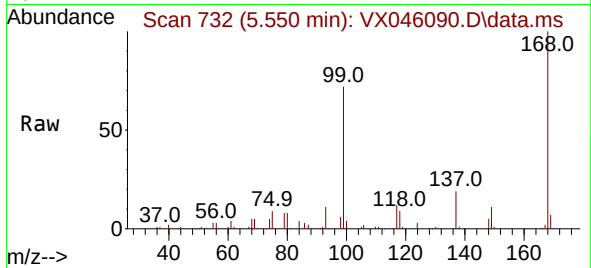
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
SUB-WC

Tgt Ion:168 Resp: 6230
Ion Ratio Lower Upper
168 100
99 71.6 54.9 82.3

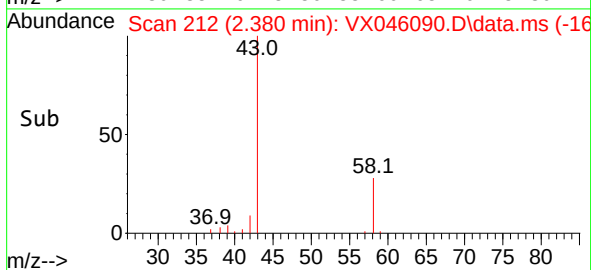
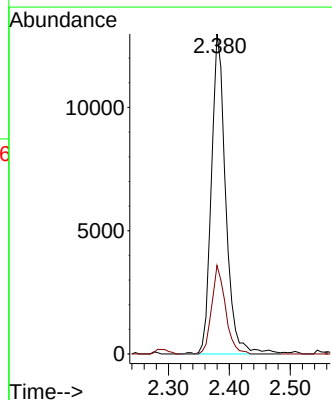
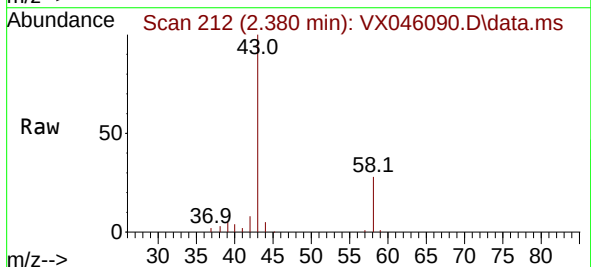
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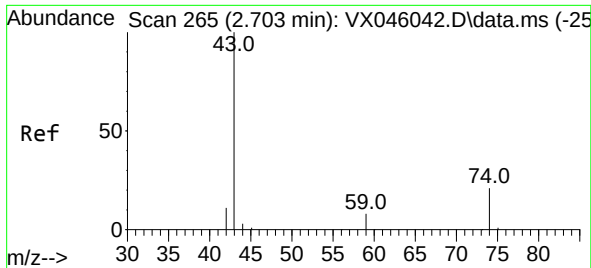
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
Acetone
Concen: 45.480 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

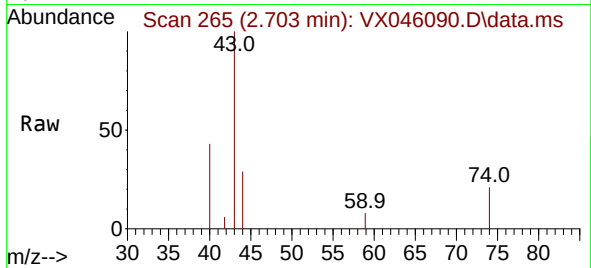
Tgt Ion: 43 Resp: 21180
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8





#18
Methyl Acetate
Concen: 1.630 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

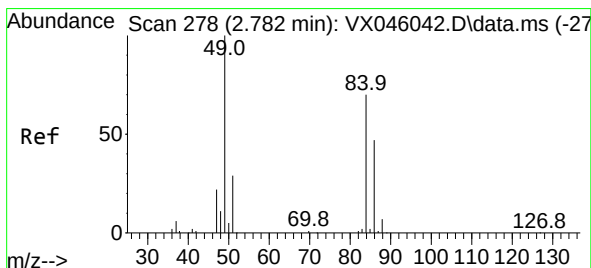
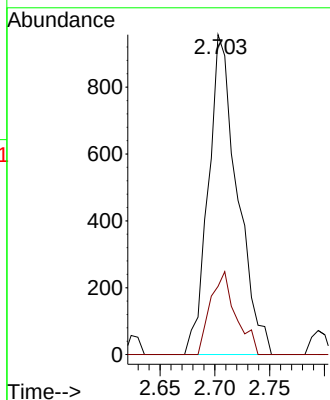
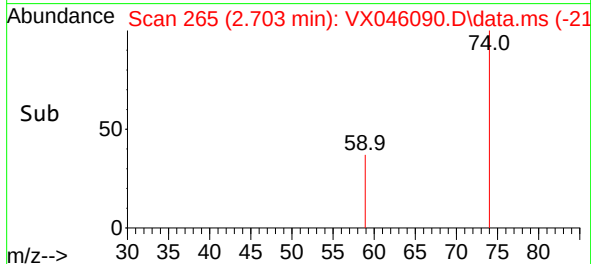
Instrument :
MSVOA_X
ClientSampleId :
SUB-WC



Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1

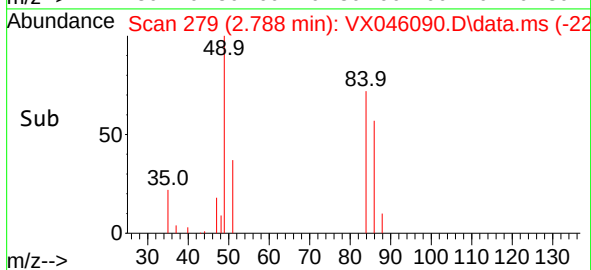
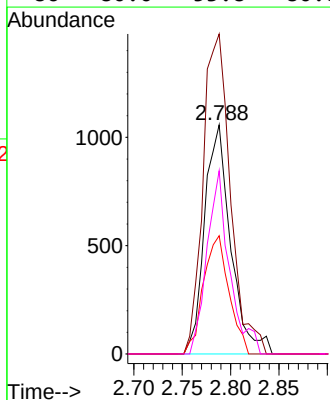
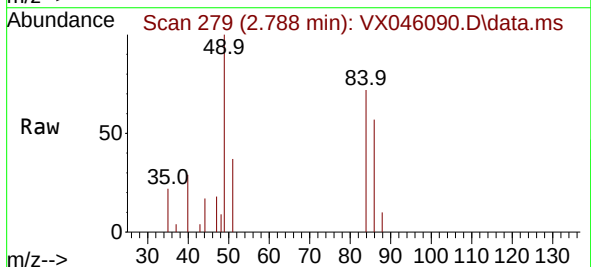
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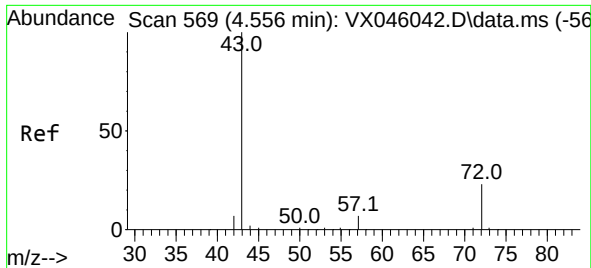
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#20
Methylene Chloride
Concen: 2.230 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

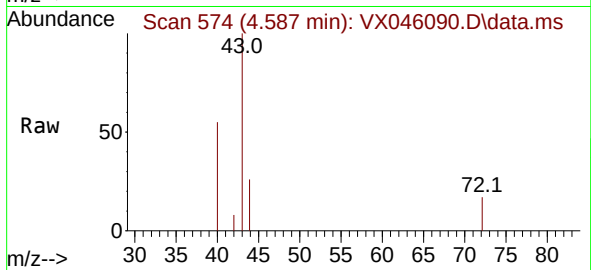
Tgt Ion: 84 Resp: 1990
Ion Ratio Lower Upper
84 100
49 139.6 113.9 170.9
51 51.6 33.5 50.3#
86 80.0 53.8 80.8





#25
2-Butanone
Concen: 5.047 ug/l m
RT: 4.587 min Scan# 511
Delta R.T. 0.031 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

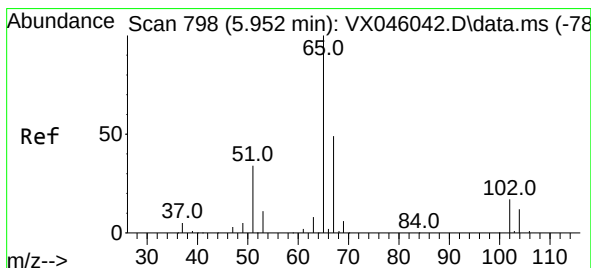
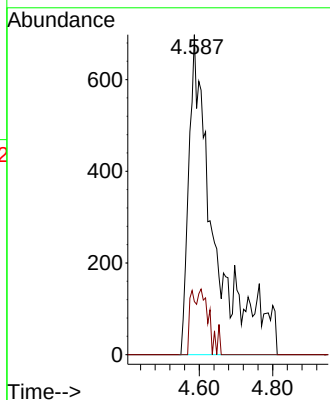
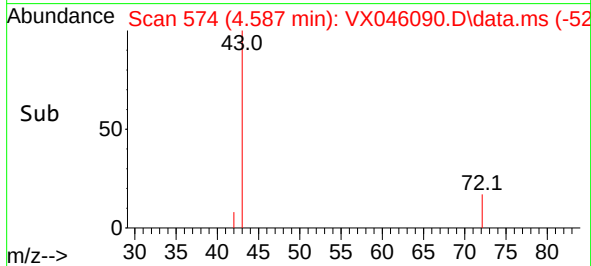
Instrument :
MSVOA_X
ClientSampleId :
SUB-WC



Tgt Ion: 43 Resp: 3412
Ion Ratio Lower Upper
43 100
72 16.6 18.4 27.6

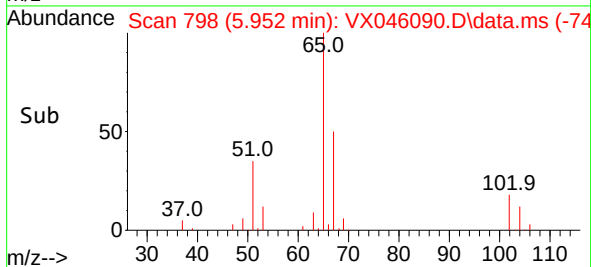
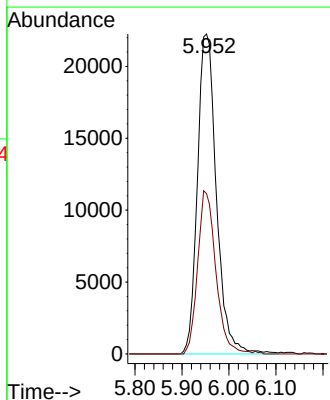
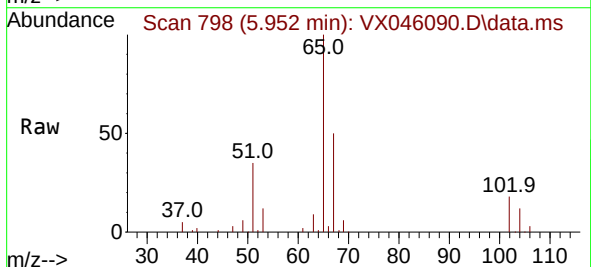
Manual Integrations
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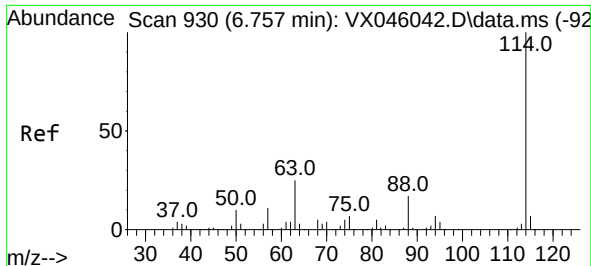
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#33
1,2-Dichloroethane-d4
Concen: 53.773 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

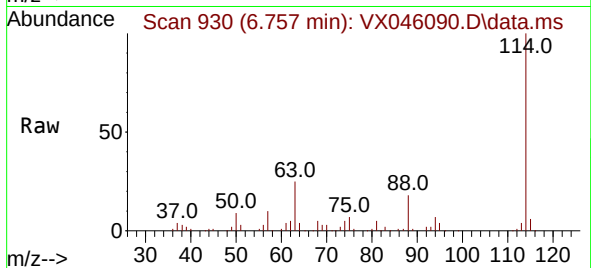
Tgt Ion: 65 Resp: 62457
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

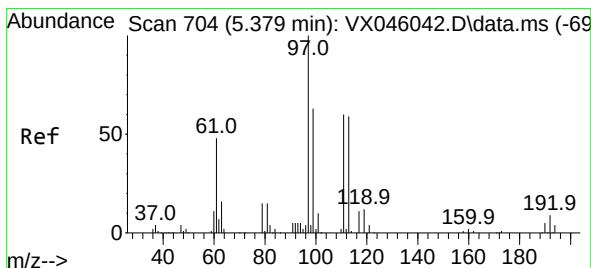
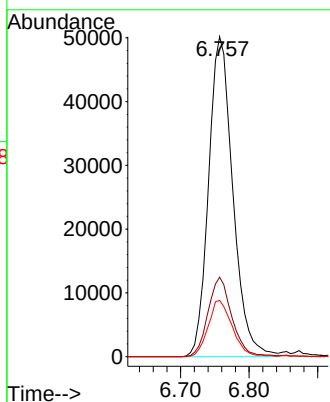
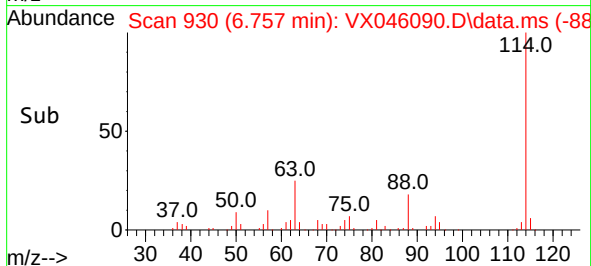
Instrument :
MSVOA_X
ClientSampleId :
SUB-WC



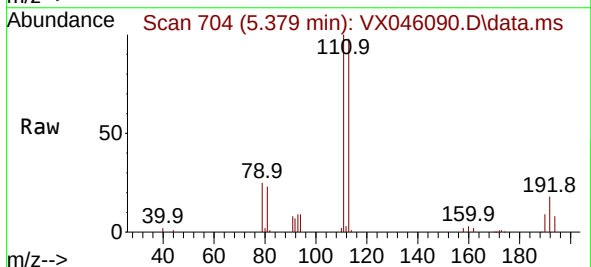
Tgt Ion:114 Resp: 123524
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.2
88 17.6 0.0 33.6

Manual Integrations
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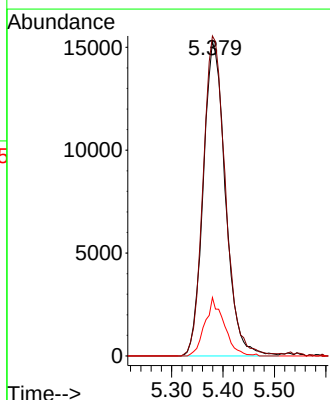
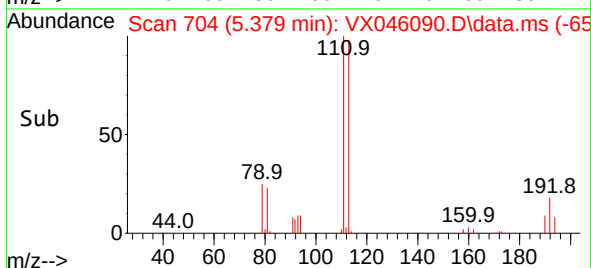
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

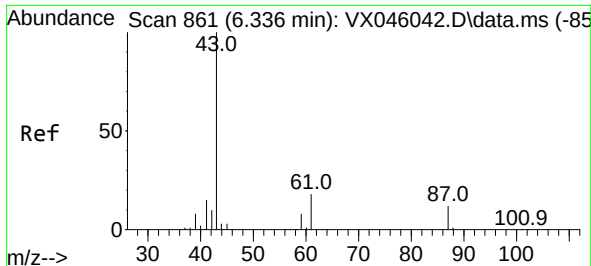


#35
Dibromofluoromethane
Concen: 51.295 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52



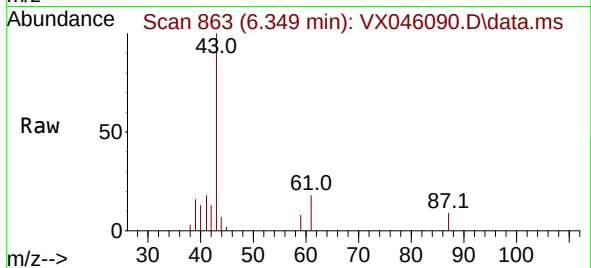
Tgt Ion:113 Resp: 45627
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 16.3 13.3 19.9





#43
Isopropyl Acetate
Concen: 5.132 ug/l
RT: 6.349 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

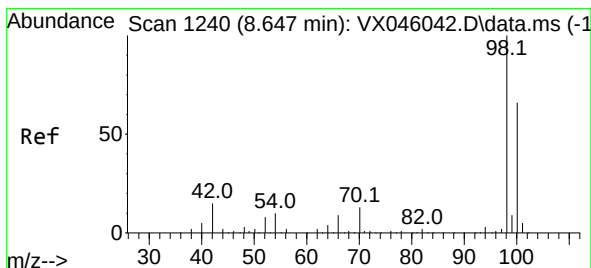
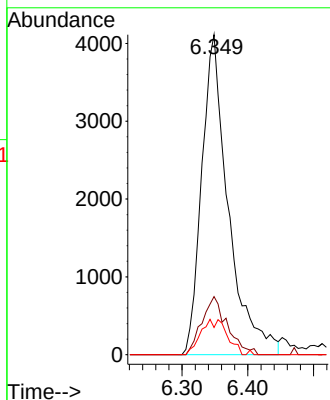
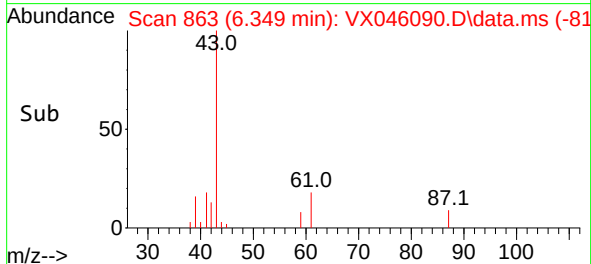
Instrument :
MSVOA_X
ClientSampleId :
SUB-WC



Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
61 17.5 14.3 21.5
87 10.9 9.5 14.3

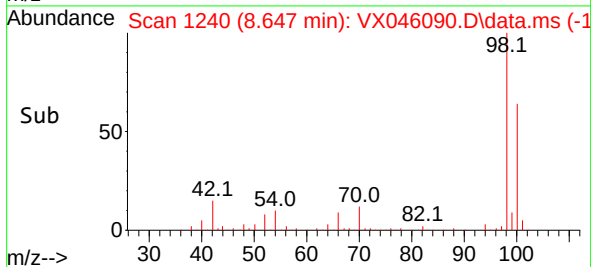
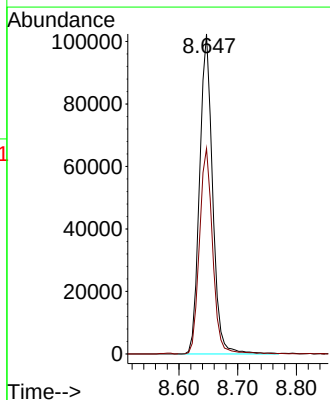
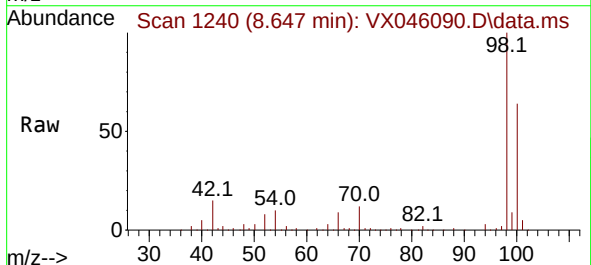
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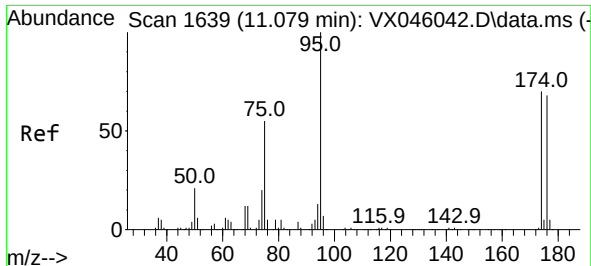
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
Toluene-d8
Concen: 51.094 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

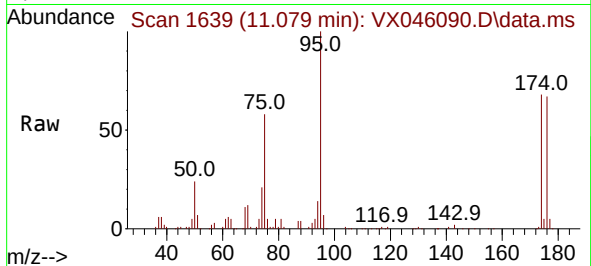
Tgt Ion: 98 Resp: 157303
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 50.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52

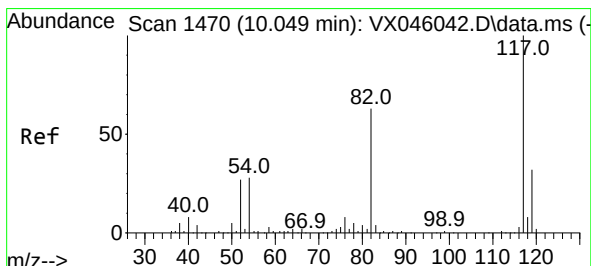
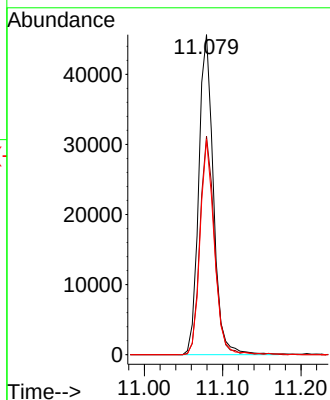
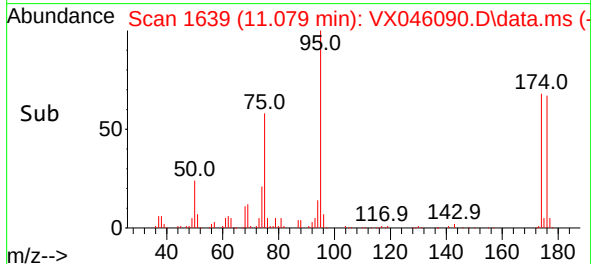
Instrument :
MSVOA_X
ClientSampleId :
SUB-WC



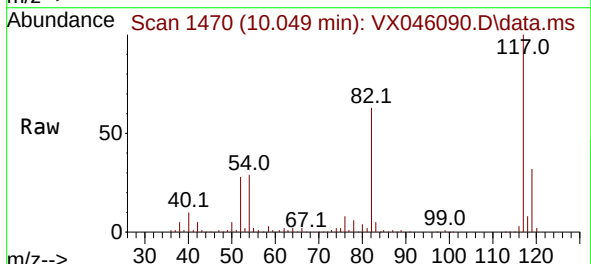
Tgt Ion: 95 Resp: 5937
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 65.2 0.0 131.4

Manual Integrations
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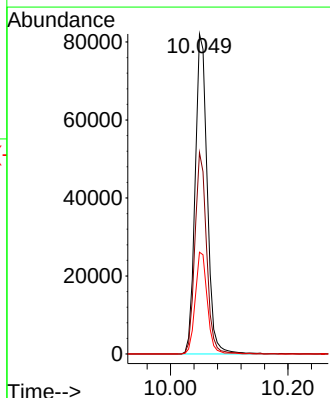
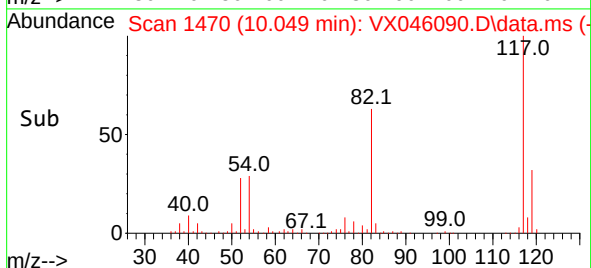
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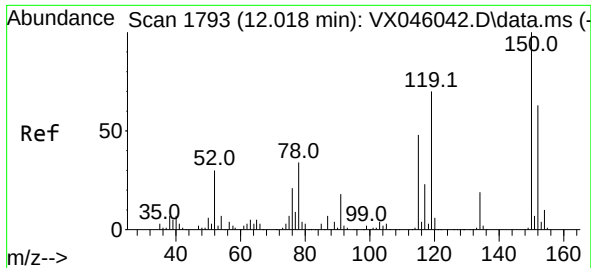


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046090.D
Acq: 08 May 2025 14:52



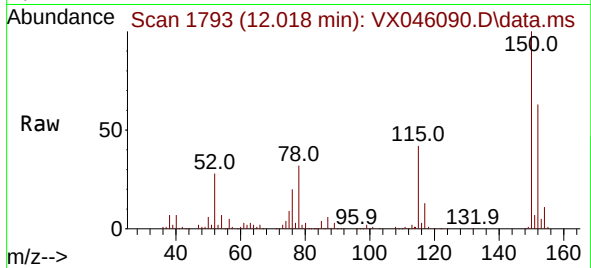
Tgt Ion:117 Resp: 116982
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 31.8 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046090.D
 Acq: 08 May 2025 14:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SUB-WC



Tgt Ion:152 Resp: 4953
 Ion Ratio Lower Upper
 152 100
 115 66.1 46.9 140.7
 150 156.5 0.0 351.0

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