

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046557.D
 Acq On : 07 Jun 2025 05:14
 Operator : JC/MD
 Sample : Q2228-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP08-MHI-WC

Quant Time: Jun 07 05:48:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	139557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	148371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	115693	46.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.200%		
35) Dibromofluoromethane	5.404	113	88331	44.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.720%		
50) Toluene-d8	8.653	98	344490	52.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.940%		
62) 4-Bromofluorobenzene	11.079	95	159013	58.540	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	117.080%		
Target Compounds						Qvalue
8) Diethyl Ether	2.148	74	26803	26.080	ug/l	93
16) Acetone	2.392	43	10693	15.360	ug/l #	88
18) Methyl Acetate	2.721	43	11227	3.796	ug/l	97
20) Methylene Chloride	2.806	84	3010	1.511	ug/l	93
37) Ethyl Acetate	4.745	43	6782m	2.443	ug/l	

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

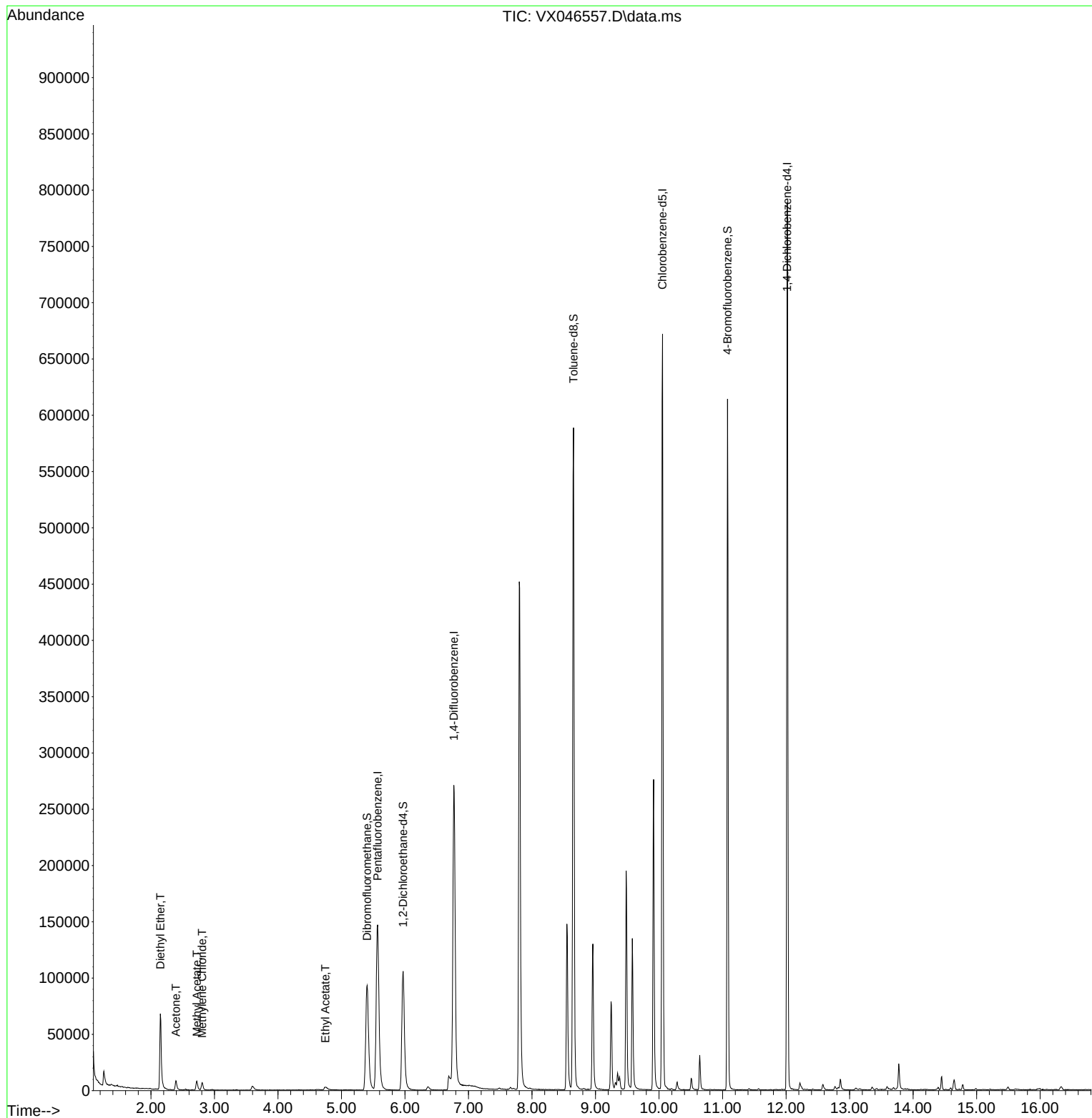
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046557.D
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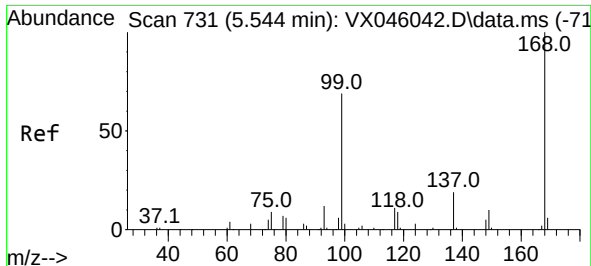
Instrument :
MSVOA_X
ClientSampleId :
TP08-MHI-WC

Quant Time: Jun 07 05:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
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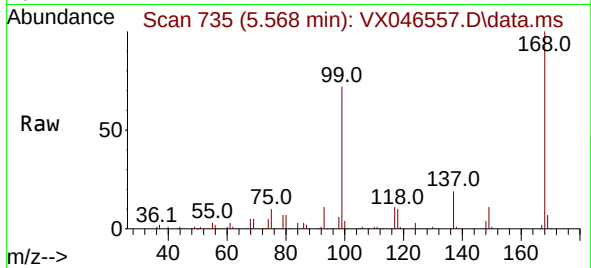
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

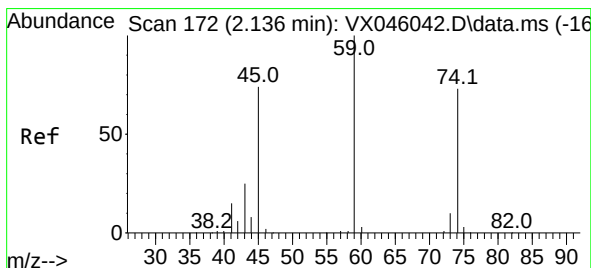
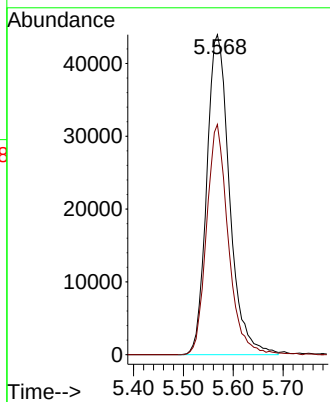
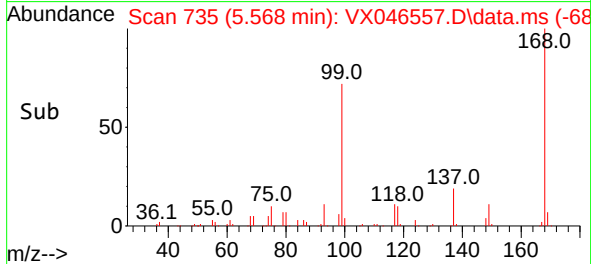
Instrument :
MSVOA_X
ClientSampleId :
TP08-MHI-WC



Tgt Ion:168 Resp: 13955
Ion Ratio Lower Upper
168 100
99 71.9 54.9 82.3

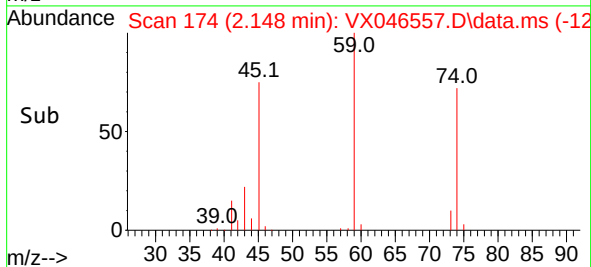
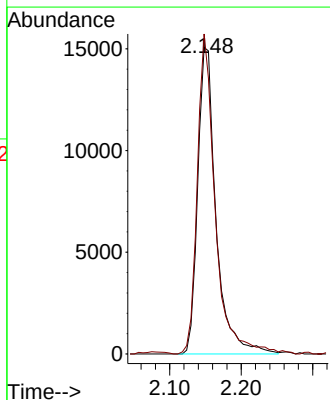
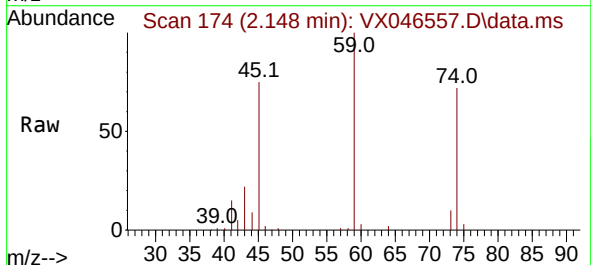
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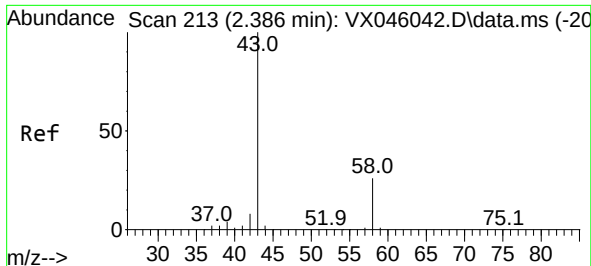
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 26.080 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

Tgt Ion: 74 Resp: 26803
Ion Ratio Lower Upper
74 100
45 102.5 54.9 164.8





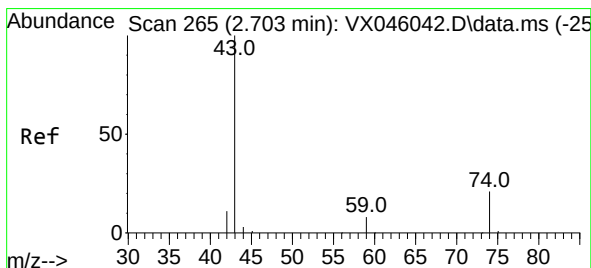
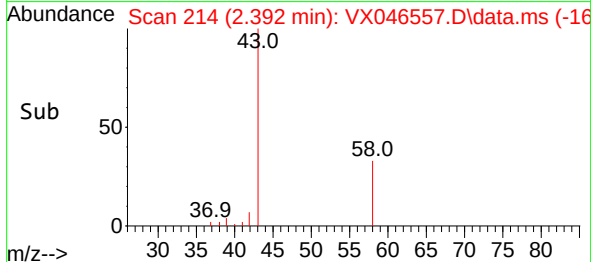
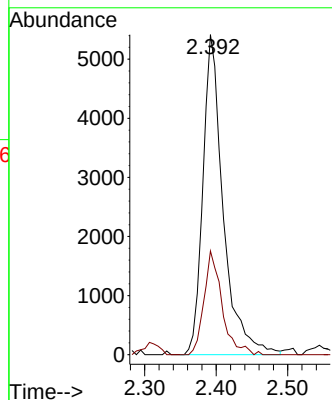
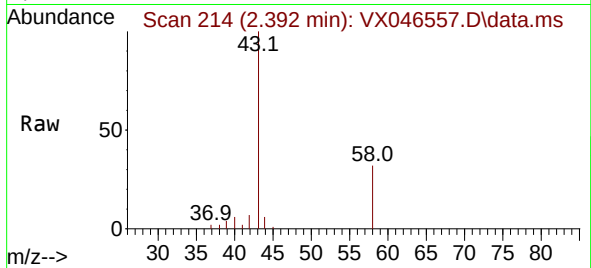
#16
Acetone
Concen: 15.360 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

Instrument :
MSVOA_X
ClientSampleId :
TP08-MHI-WC

Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 32.4 21.2 31.8

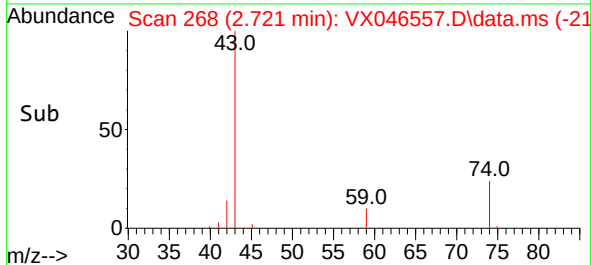
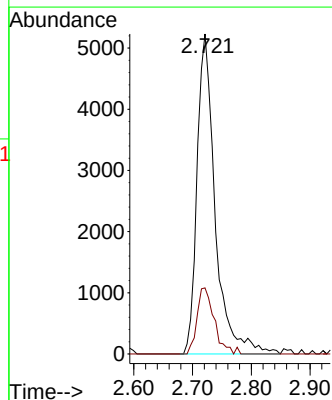
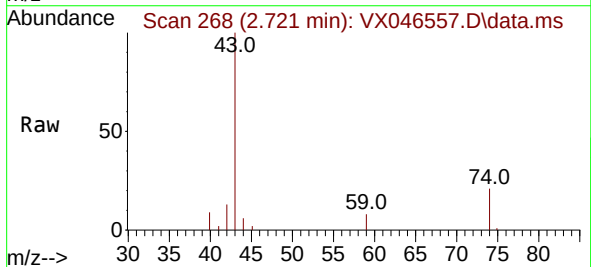
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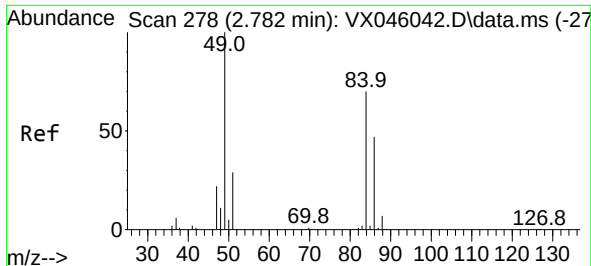
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 3.796 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

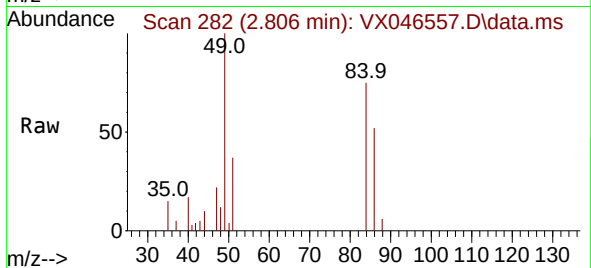
Tgt Ion: 43 Resp: 11227
Ion Ratio Lower Upper
43 100
74 19.6 16.7 25.1





#20
Methylene Chloride
Concen: 1.511 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

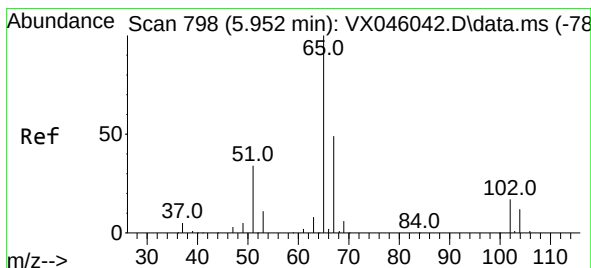
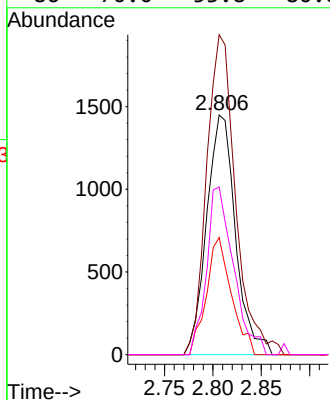
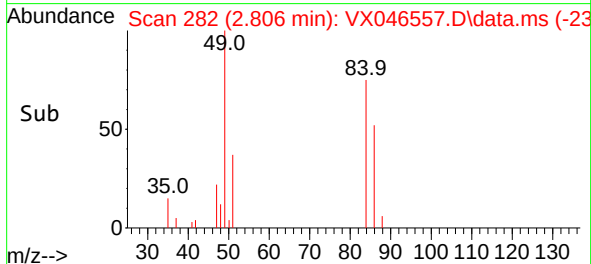
Instrument :
MSVOA_X
ClientSampleId :
TP08-MHI-WC



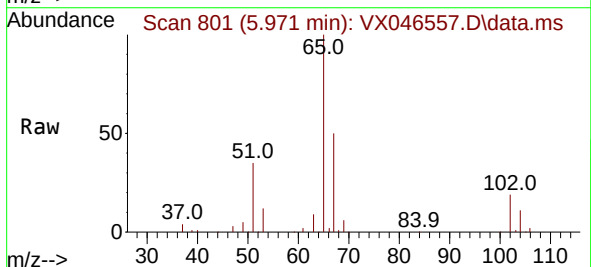
Tgt Ion: 84 Resp: 3010
Ion Ratio Lower Upper
84 100
49 133.5 113.9 170.9
51 48.9 33.5 50.3
86 70.0 53.8 80.8

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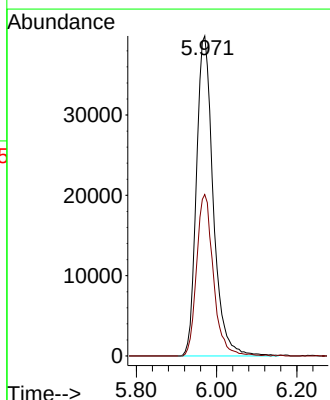
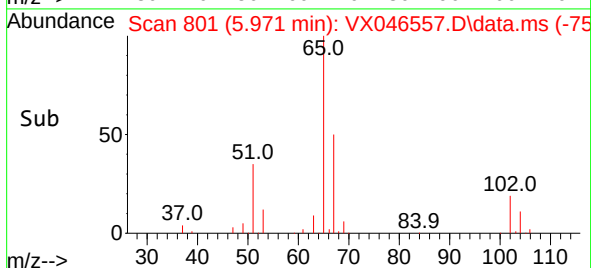
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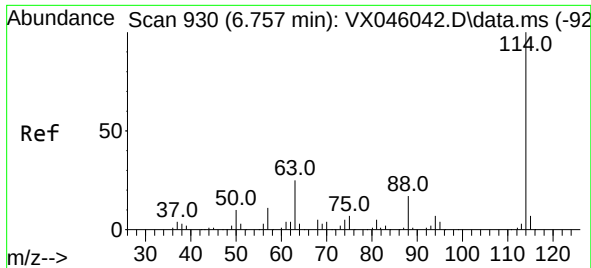


#33
1,2-Dichloroethane-d4
Concen: 46.597 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.001 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14



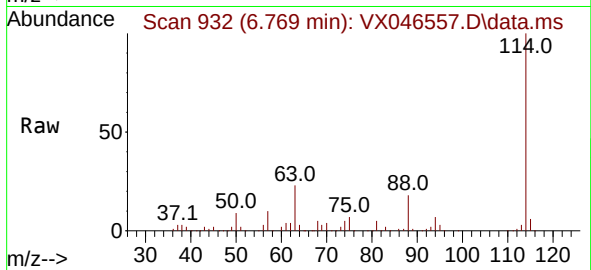
Tgt Ion: 65 Resp: 115693
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

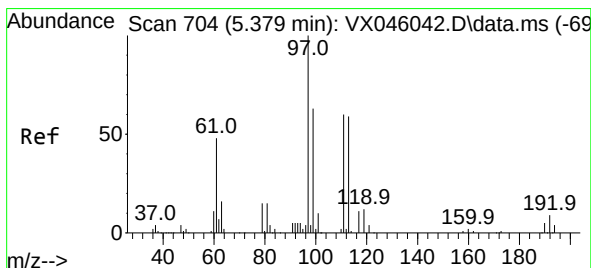
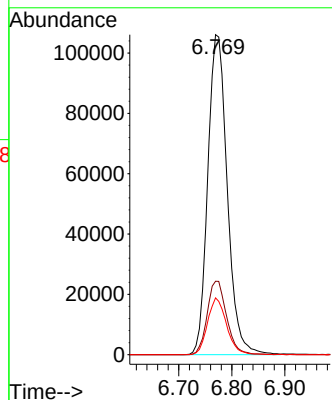
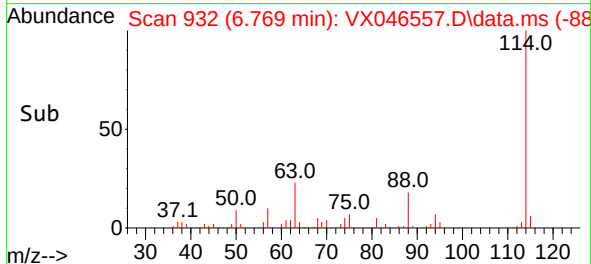
Instrument :
MSVOA_X
ClientSampleId :
TP08-MHI-WC



Tgt Ion:114 Resp: 270784
Ion Ratio Lower Upper
114 100
63 22.9 0.0 49.2
88 17.8 0.0 33.6

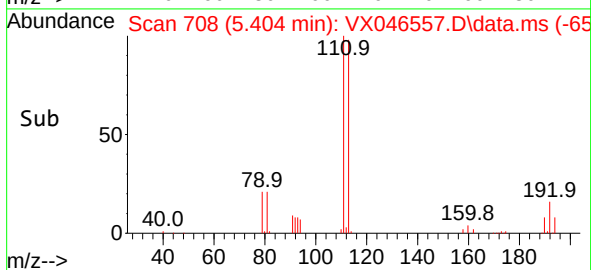
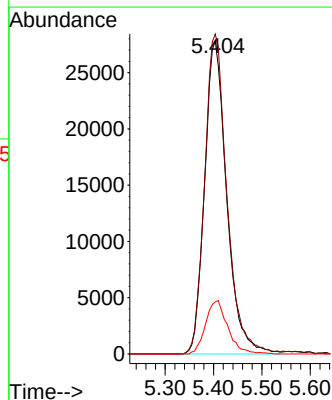
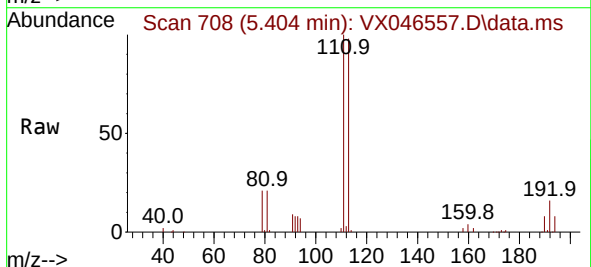
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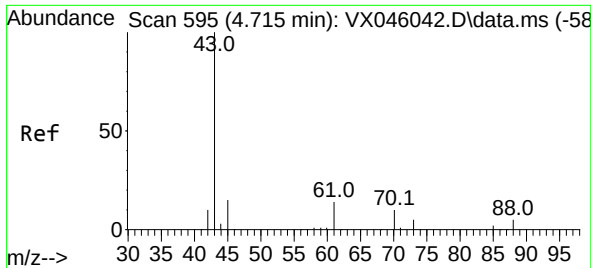
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 44.358 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

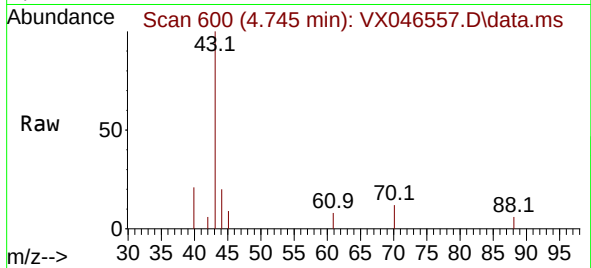
Tgt Ion:113 Resp: 88331
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 17.1 13.3 19.9





#37
Ethyl Acetate
Concen: 2.443 ug/l m
RT: 4.745 min Scan# 60
Delta R.T. 0.012 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

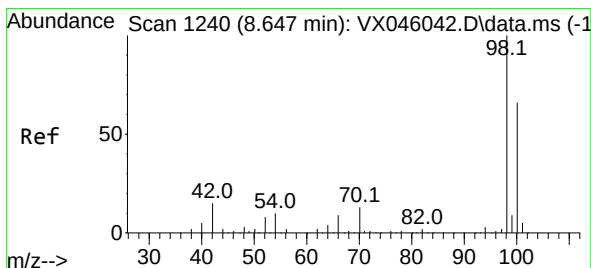
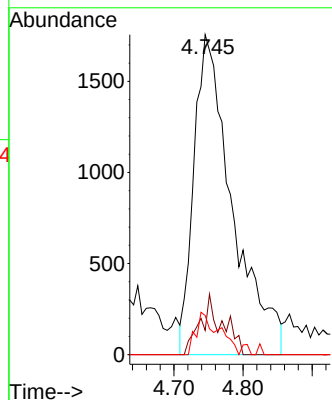
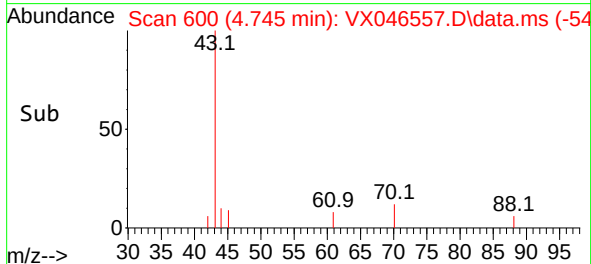
Instrument :
MSVOA_X
ClientSampleId :
TP08-MHI-WC



Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
61 7.1 10.3 15.5
70 5.0 7.9 11.9

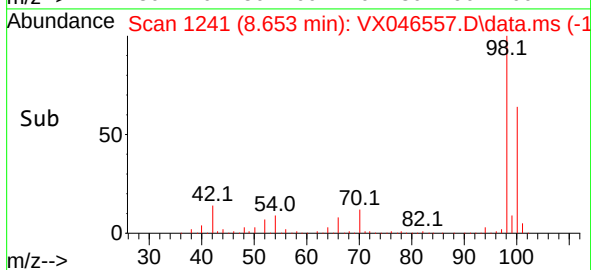
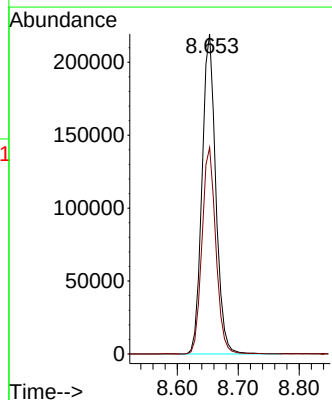
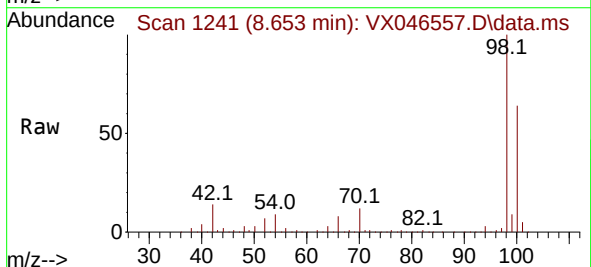
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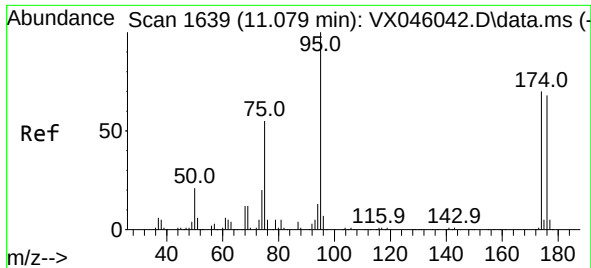
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#50
Toluene-d8
Concen: 52.472 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

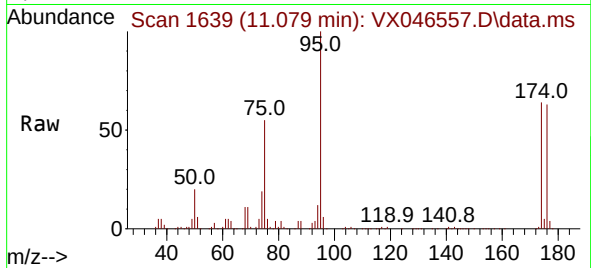
Tgt Ion: 98 Resp: 344490
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 58.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14

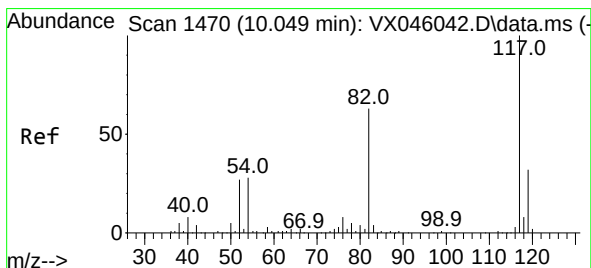
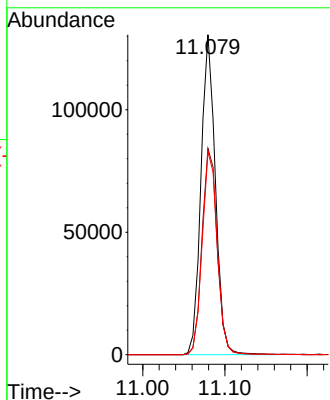
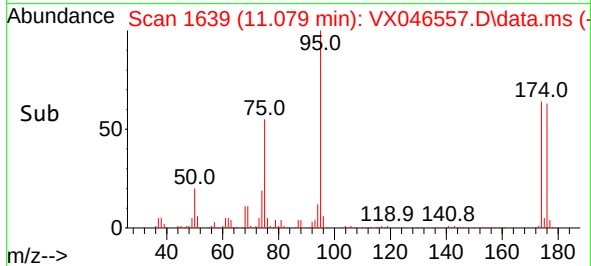
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MSVOA_X
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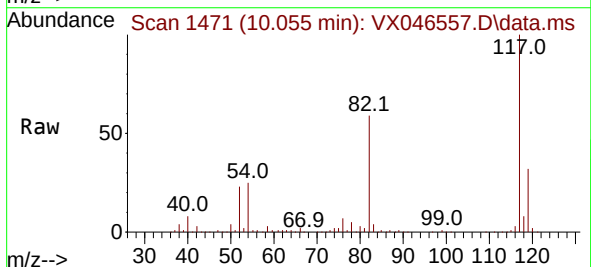
Tgt Ion: 95 Resp: 159011
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 66.3 0.0 131.4

Manual Integrations
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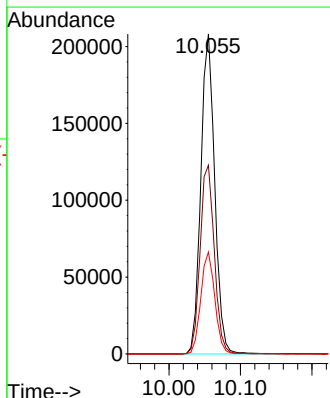
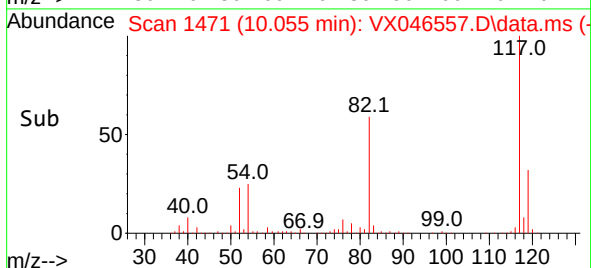
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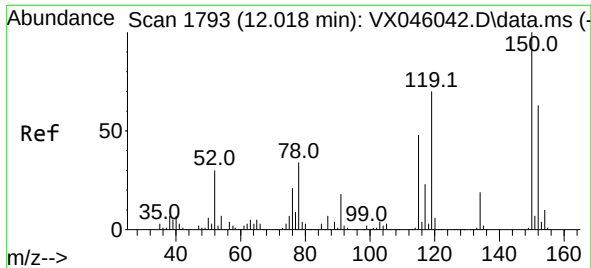


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046557.D
Acq: 07 Jun 2025 05:14



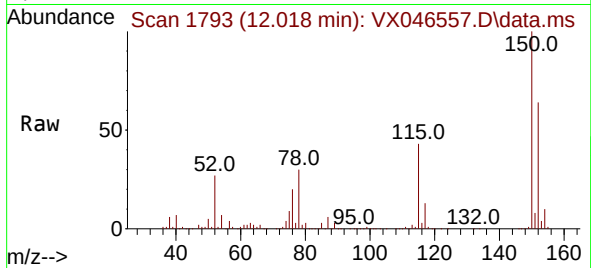
Tgt Ion:117 Resp: 280619
Ion Ratio Lower Upper
117 100
82 59.0 50.6 76.0
119 31.9 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046557.D
 Acq: 07 Jun 2025 05:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TP08-MHI-WC



Tgt Ion:152 Resp: 14837
 Ion Ratio Lower Upper
 152 100
 115 64.0 46.9 140.7
 150 155.7 0.0 351.0

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