

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046560.D
 Acq On : 07 Jun 2025 06:18
 Operator : JC/MD
 Sample : Q2240-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Jun 07 06:42:31 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	118791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	101293	47.929	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.860%		
35) Dibromofluoromethane	5.403	113	77051	45.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.840%		
50) Toluene-d8	8.653	98	293371	53.035	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.060%		
62) 4-Bromofluorobenzene	11.079	95	135451	59.183	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	118.360%		
Target Compounds						
8) Diethyl Ether	2.148	74	24469	27.972	ug/l	92
16) Acetone	2.392	43	16443	24.043	ug/l	98
18) Methyl Acetate	2.721	43	10863	4.315	ug/l	100
20) Methylene Chloride	2.812	84	2808	1.656	ug/l	87
37) Ethyl Acetate	4.757	43	6764m	2.892	ug/l	

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

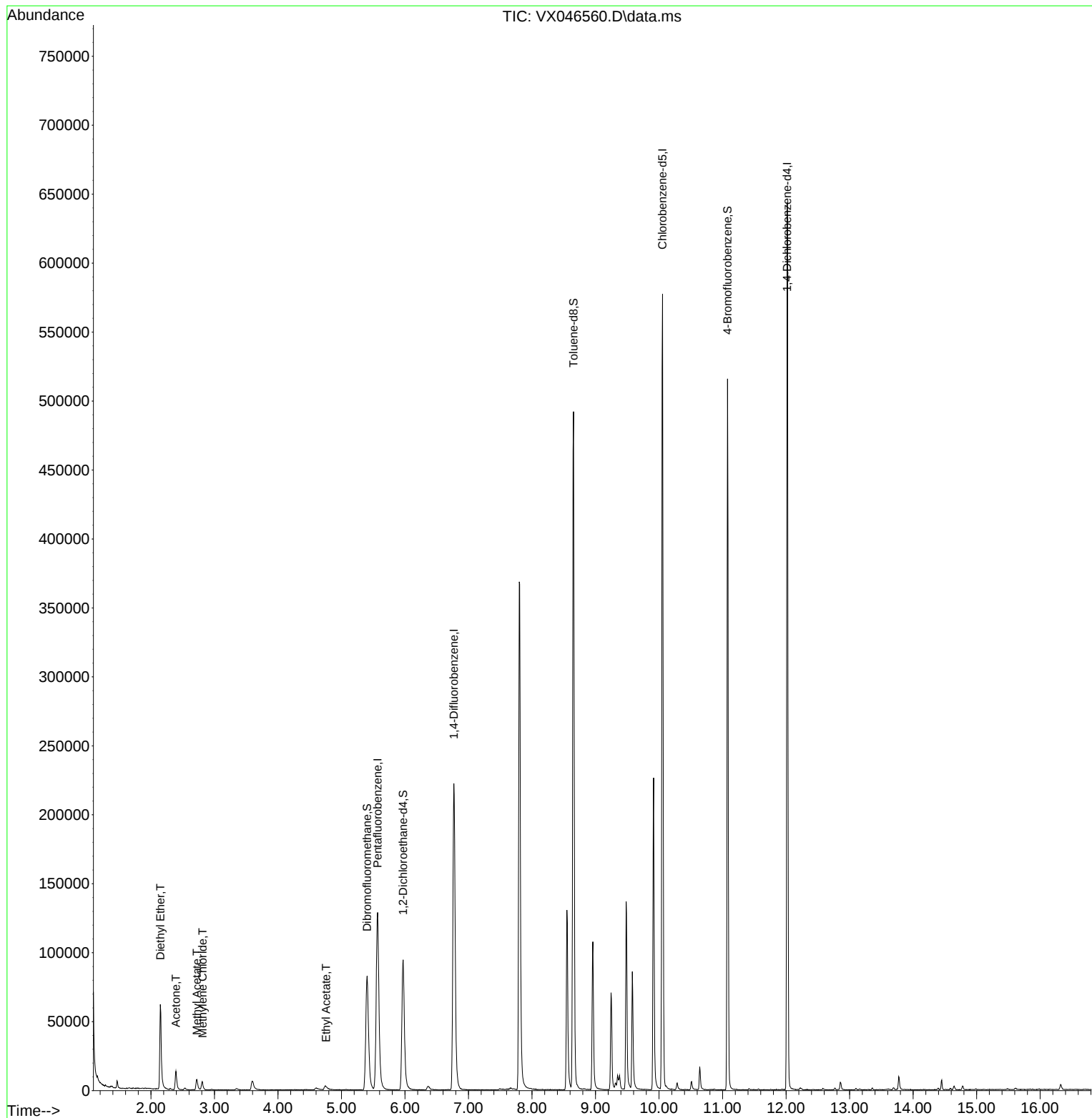
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
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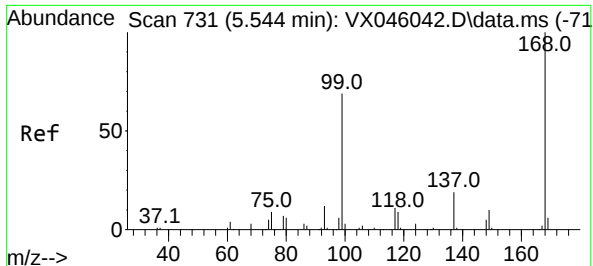
Instrument :
MSVOA_X
ClientSampleId :
TP-2

Quant Time: Jun 07 06:42:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
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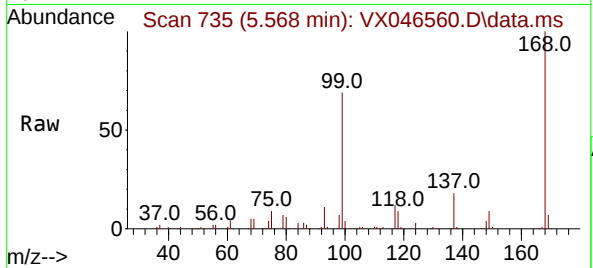
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

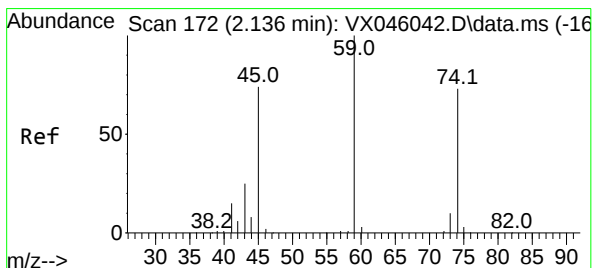
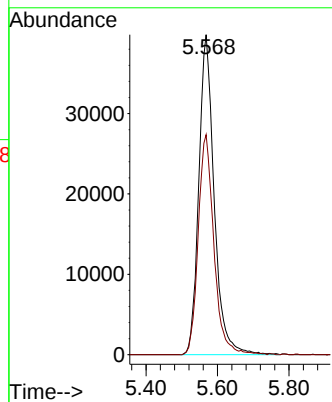
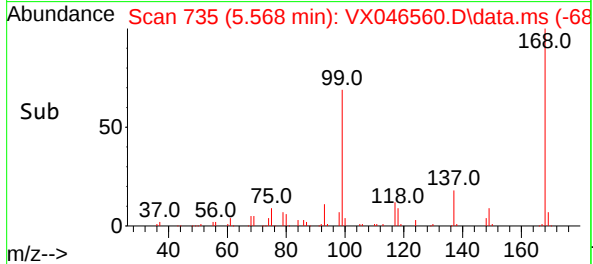
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion:168 Resp: 11879
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3

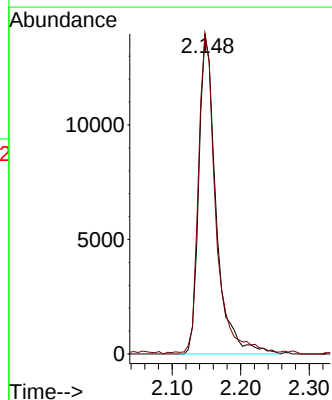
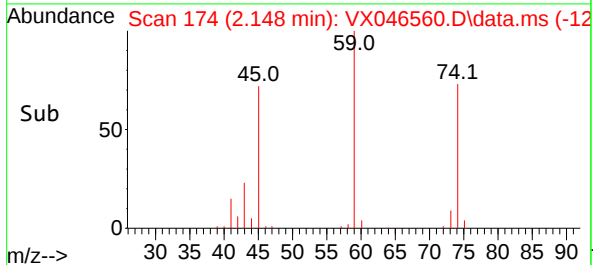
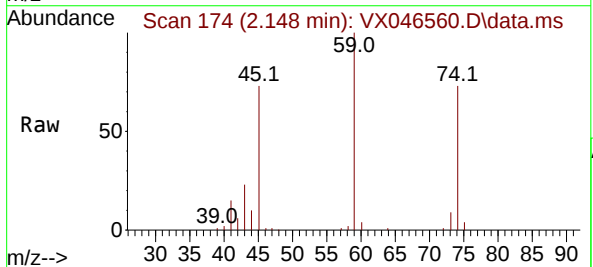
Manual Integrations
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Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 27.972 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

Tgt Ion: 74 Resp: 24469
Ion Ratio Lower Upper
74 100
45 101.4 54.9 164.8





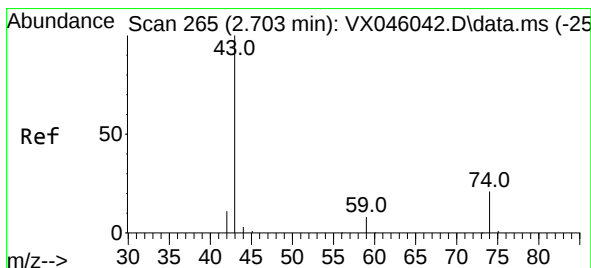
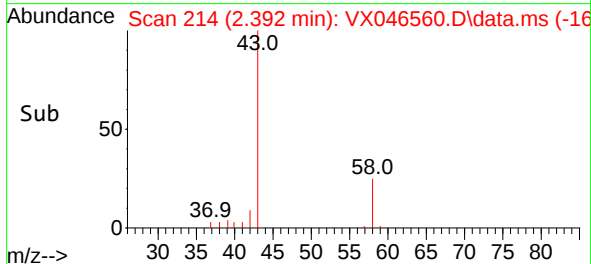
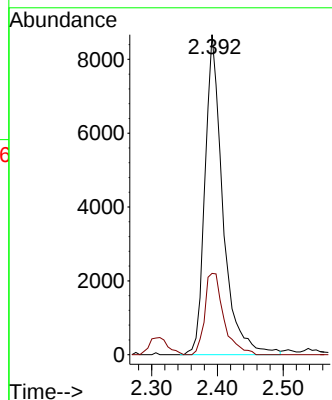
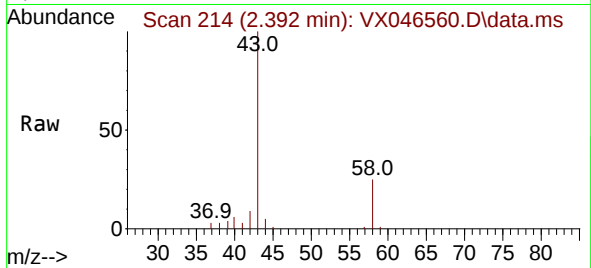
#16
Acetone
Concen: 24.043 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 25.4 21.2 31.8

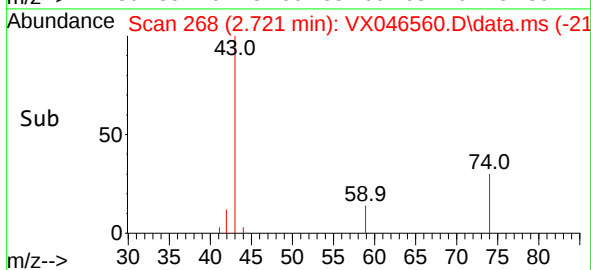
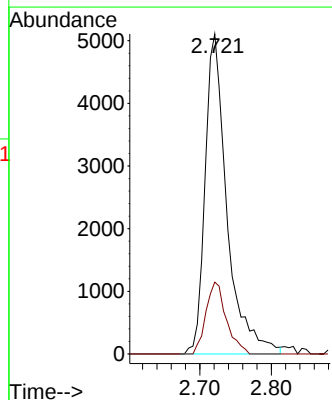
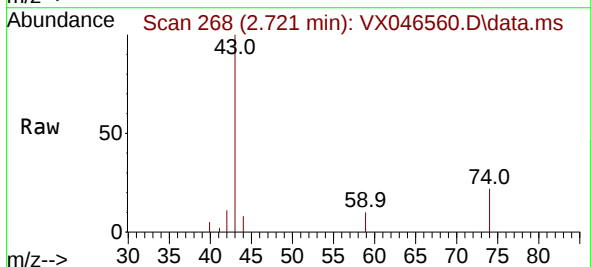
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#18
Methyl Acetate
Concen: 4.315 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

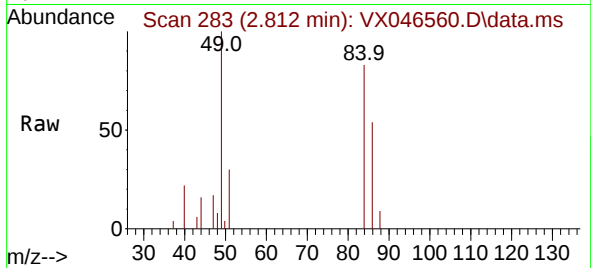
Tgt Ion: 43 Resp: 10863
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1





#20
Methylene Chloride
Concen: 1.656 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

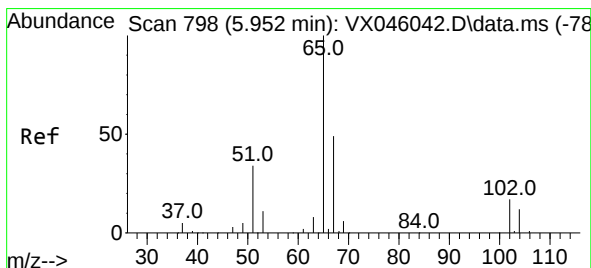
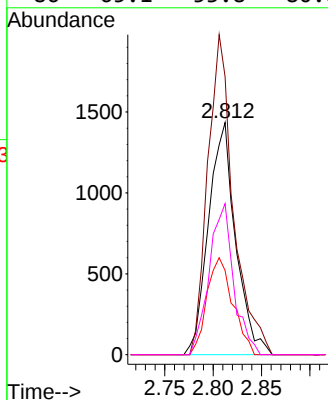
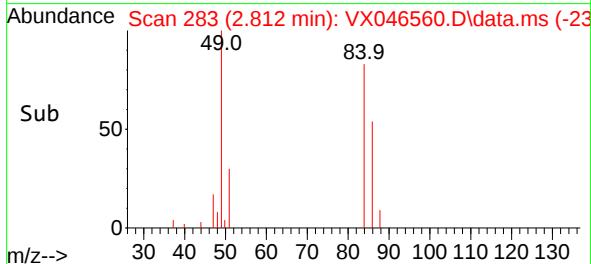
Instrument :
MSVOA_X
ClientSampleId :
TP-2



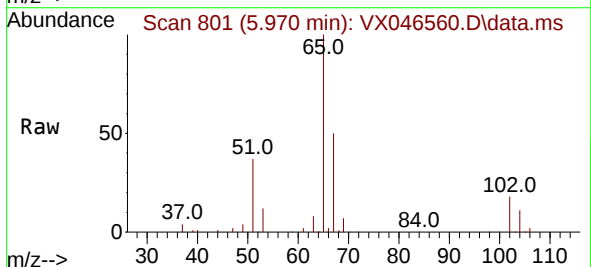
Tgt Ion: 84 Resp: 280
Ion Ratio Lower Upper
84 100
49 119.8 113.9 170.9
51 36.2 33.5 50.3
86 65.1 53.8 80.8

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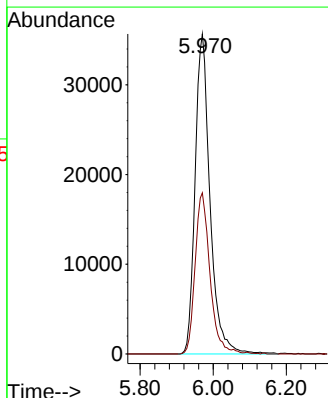
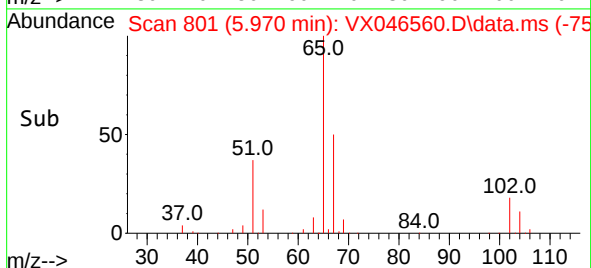
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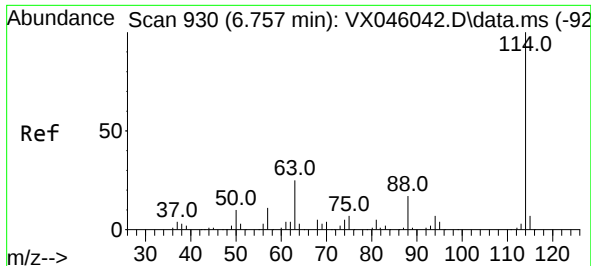


#33
1,2-Dichloroethane-d4
Concen: 47.929 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18



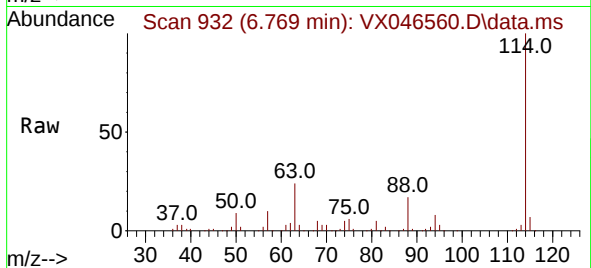
Tgt Ion: 65 Resp: 101293
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

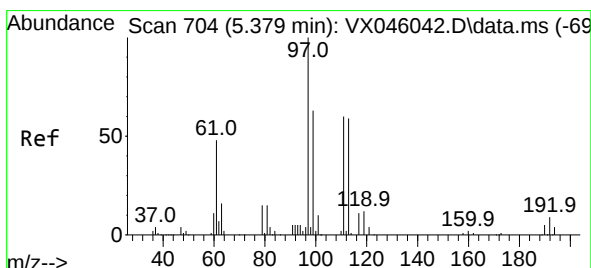
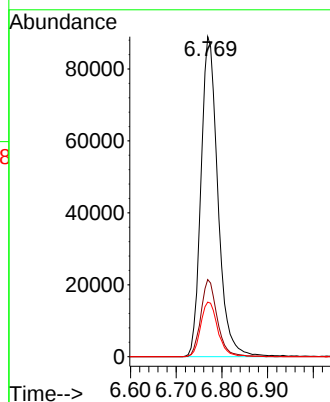
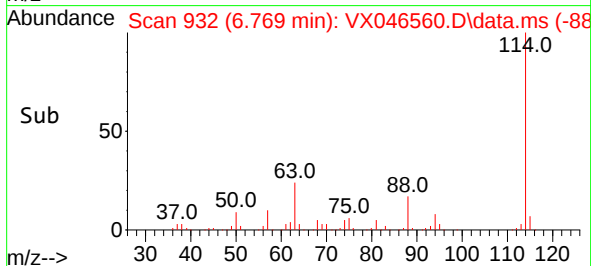
Instrument :
MSVOA_X
ClientSampleId :
TP-2



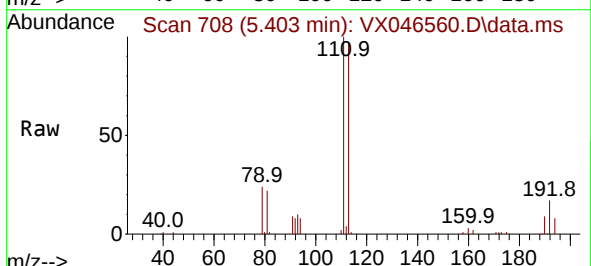
Tgt Ion:114 Resp: 228150
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 17.1 0.0 33.6

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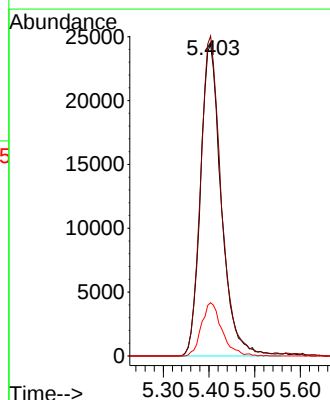
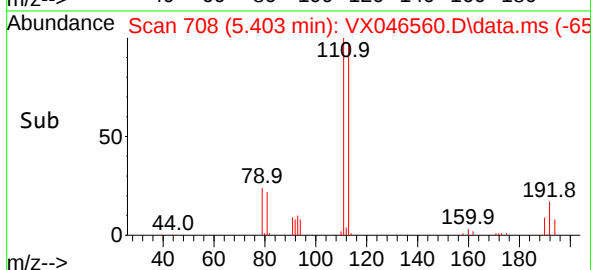
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

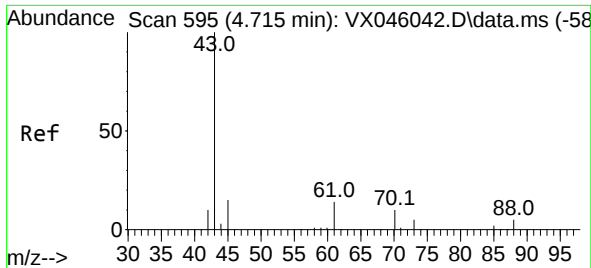


#35
Dibromofluoromethane
Concen: 45.922 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18



Tgt Ion:113 Resp: 77051
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.8 13.3 19.9





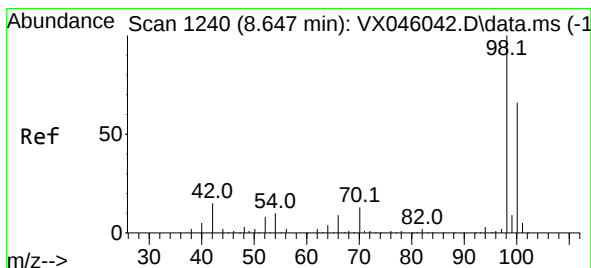
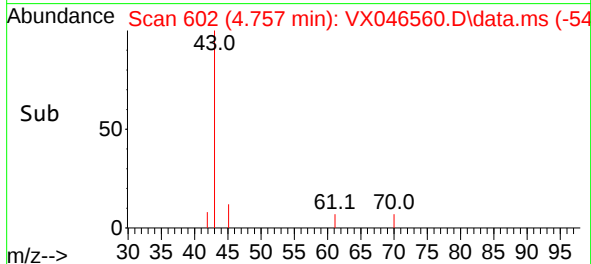
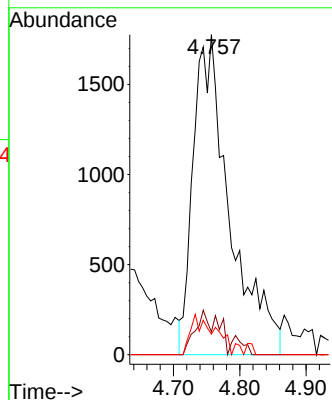
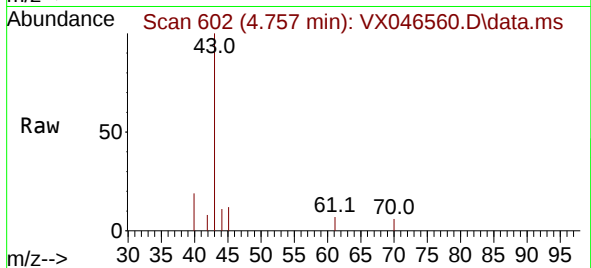
#37
Ethyl Acetate
Concen: 2.892 ug/l m
RT: 4.757 min Scan# 60
Delta R.T. 0.024 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 6764
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5
70 0.0 7.9 11.9

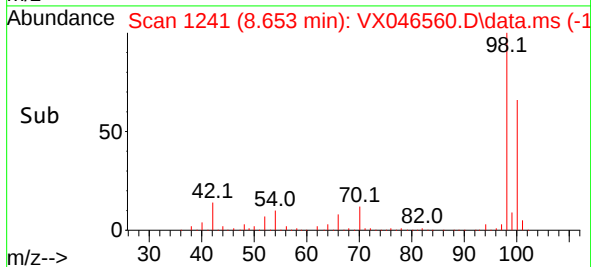
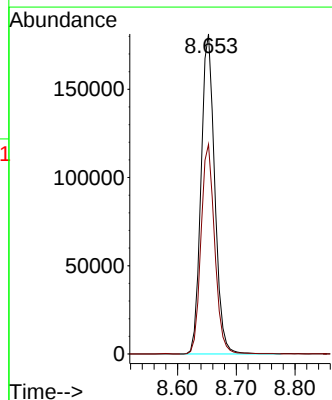
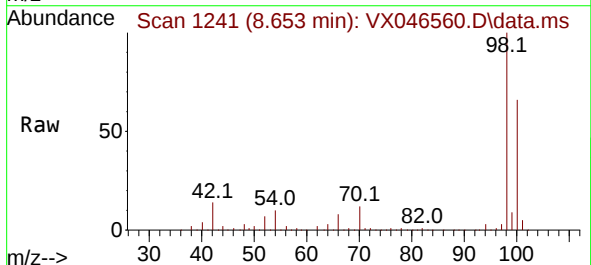
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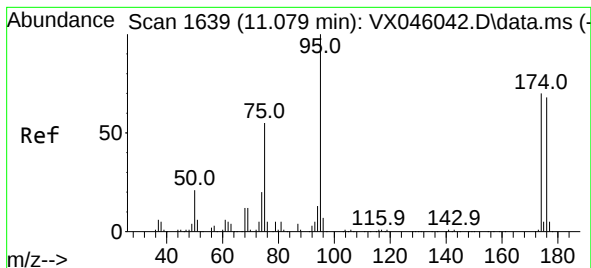
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#50
Toluene-d8
Concen: 53.035 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

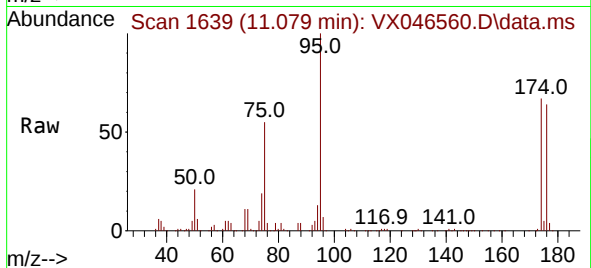
Tgt Ion: 98 Resp: 293371
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 59.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18

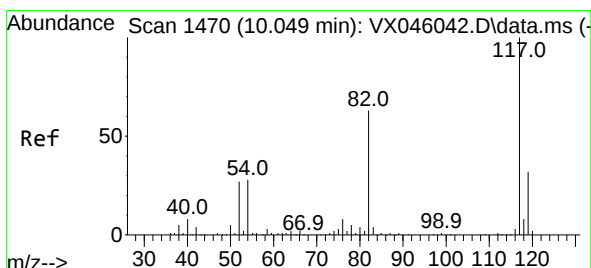
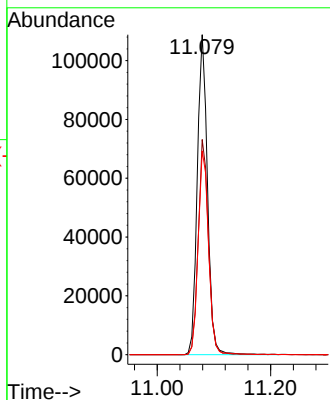
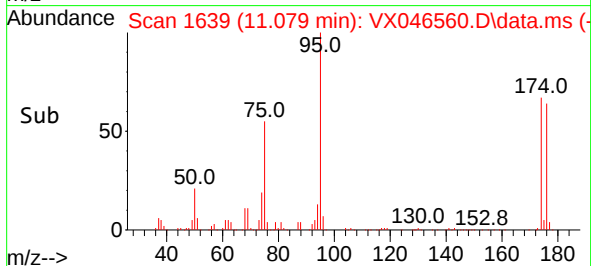
Instrument :
MSVOA_X
ClientSampleId :
TP-2



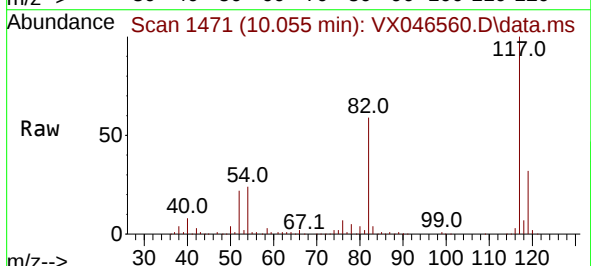
Tgt Ion: 95 Resp: 13545
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 65.2 0.0 131.4

Manual Integrations
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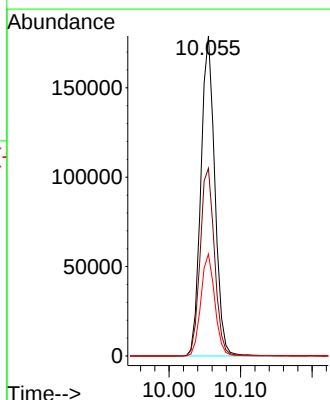
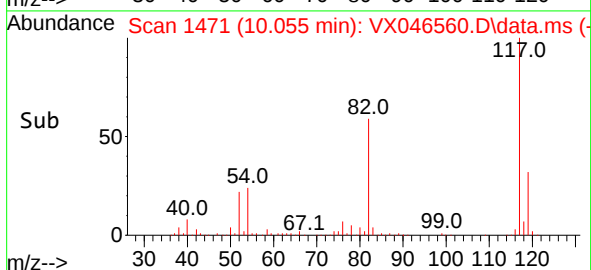
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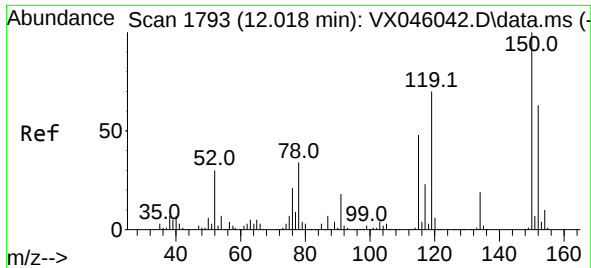


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046560.D
Acq: 07 Jun 2025 06:18



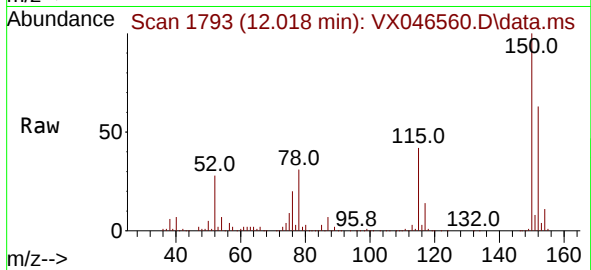
Tgt Ion:117 Resp: 243076
Ion Ratio Lower Upper
117 100
82 58.7 50.6 76.0
119 31.8 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046560.D
 Acq: 07 Jun 2025 06:18

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 122784
 Ion Ratio Lower Upper
 152 100
 115 65.8 46.9 140.7
 150 158.4 0.0 351.0

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