

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046561.D
 Acq On : 07 Jun 2025 06:40
 Operator : JC/MD
 Sample : Q2240-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jun 07 07:04:36 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	115644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	101017	49.099	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.200%
35) Dibromofluoromethane	5.403	113	75315	45.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.240%
50) Toluene-d8	8.653	98	289609	52.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.260%
62) 4-Bromofluorobenzene	11.079	95	132076	58.007	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.020%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.148	74	28148	33.053	ug/l	96
16) Acetone	2.392	43	11674	18.778	ug/l	93
18) Methyl Acetate	2.715	43	11233	4.584	ug/l	100
20) Methylene Chloride	2.806	84	2916	1.767	ug/l	98
37) Ethyl Acetate	4.745	43	6697m	2.878	ug/l	
43) Isopropyl Acetate	6.360	43	4278	1.054	ug/l	98

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

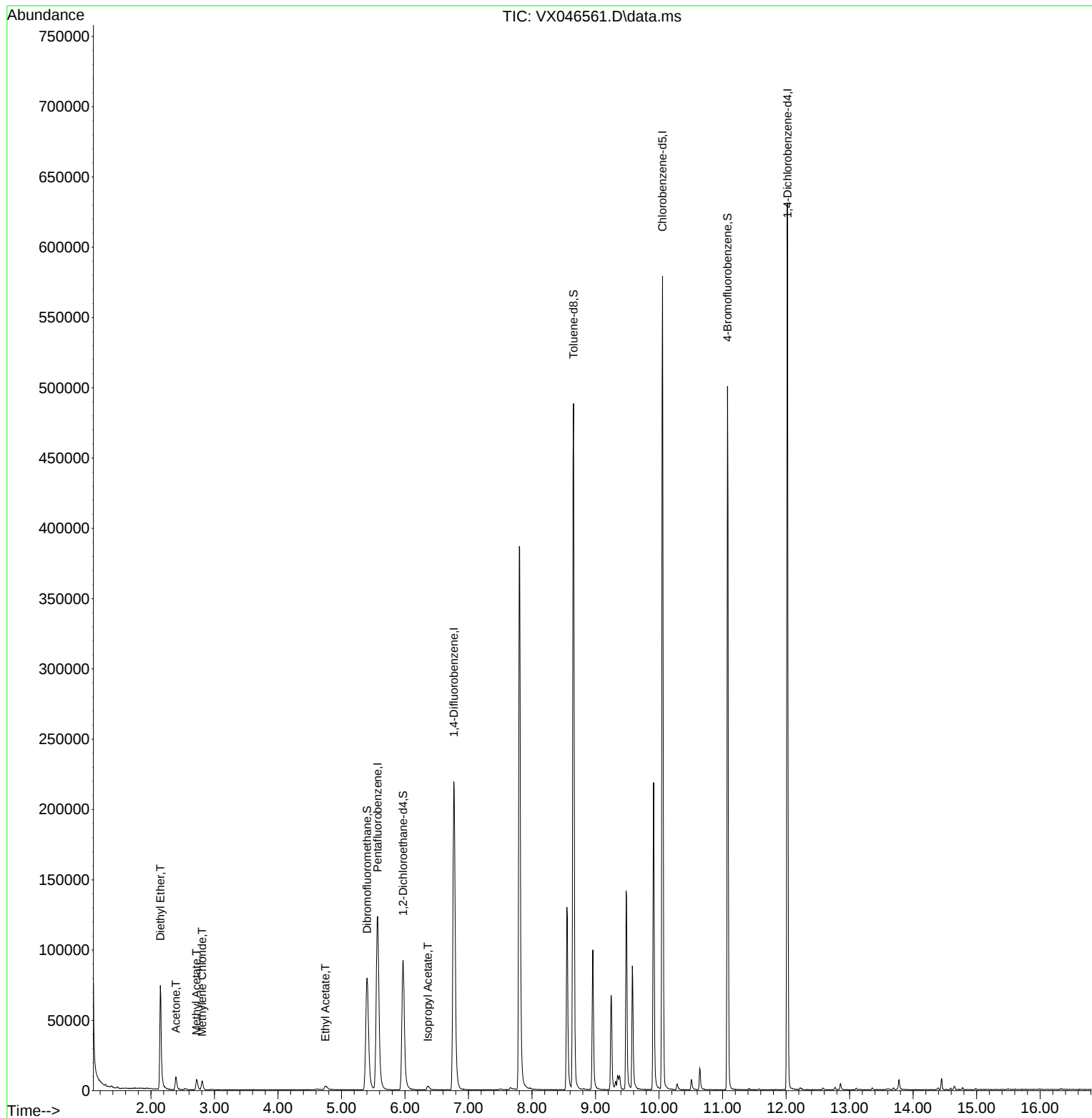
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046561.D
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ALS Vial : 50 Sample Multiplier: 1

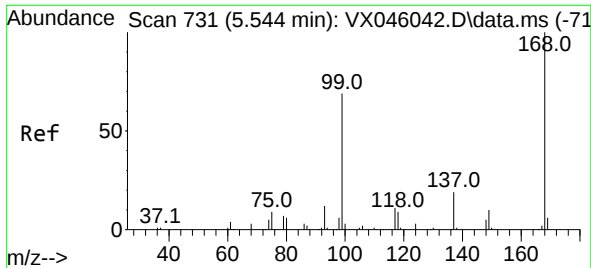
Instrument :
MSVOA_X
ClientSampleId :
TP-1

Quant Time: Jun 07 07:04:36 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

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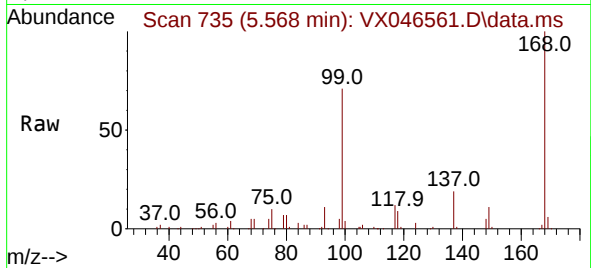
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

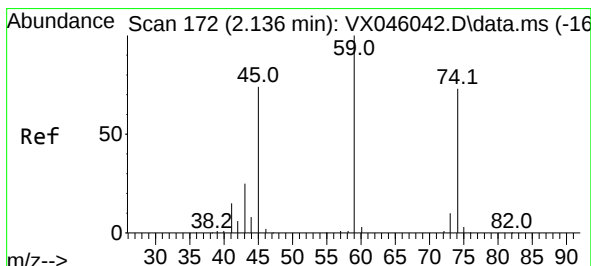
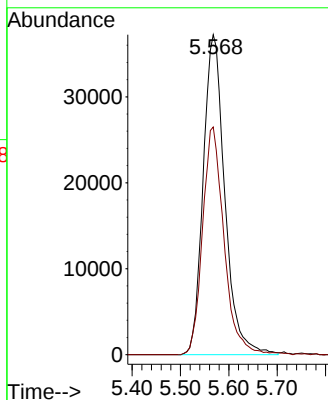
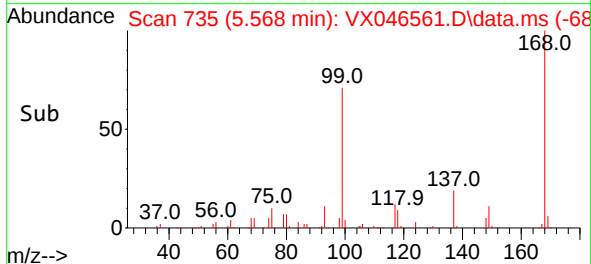
Instrument :
MSVOA_X
ClientSampleId :
TP-1



Tgt Ion:168 Resp: 11564
Ion Ratio Lower Upper
168 100
99 71.2 54.9 82.3

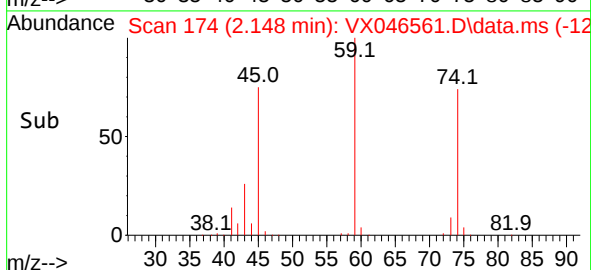
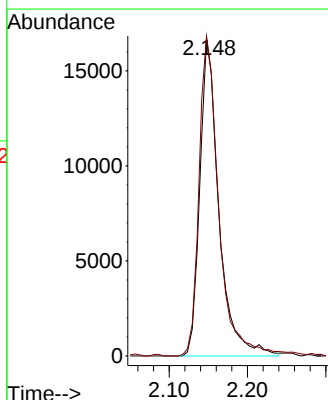
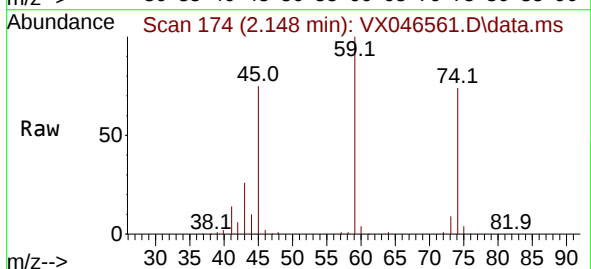
Manual Integrations
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Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 33.053 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

Tgt Ion: 74 Resp: 28148
Ion Ratio Lower Upper
74 100
45 105.5 54.9 164.8





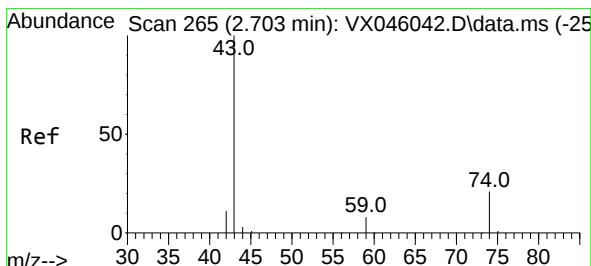
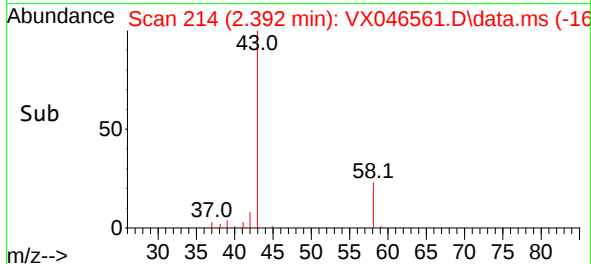
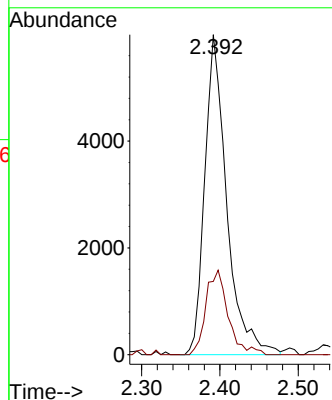
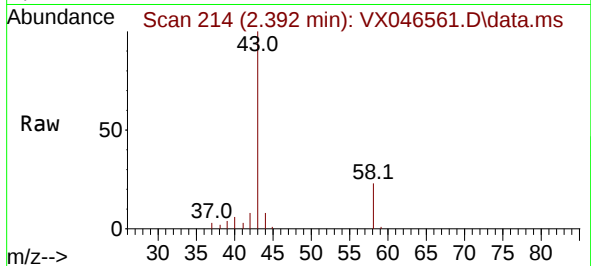
#16
Acetone
Concen: 18.778 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 11674
Ion Ratio Lower Upper
43 100
58 22.9 21.2 31.8

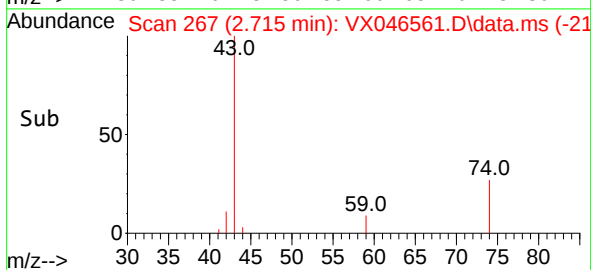
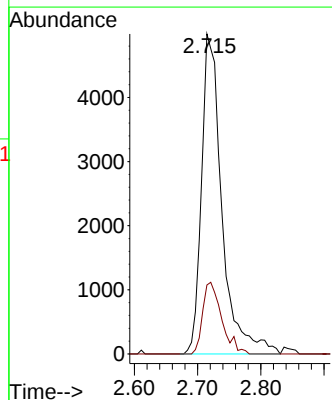
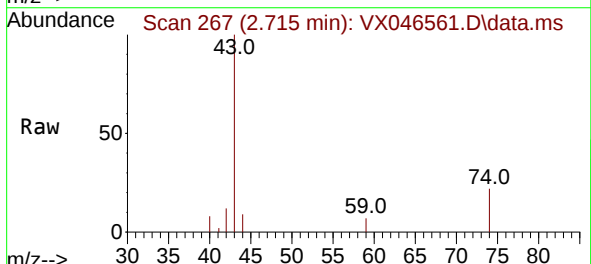
Manual Integrations
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#18
Methyl Acetate
Concen: 4.584 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

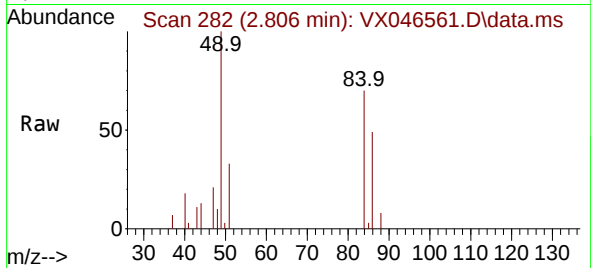
Tgt Ion: 43 Resp: 11233
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1





#20
Methylene Chloride
Concen: 1.767 ug/l
RT: 2.806 min Scan# 2910
Delta R.T. 0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

Instrument :
MSVOA_X
ClientSampleId :
TP-1

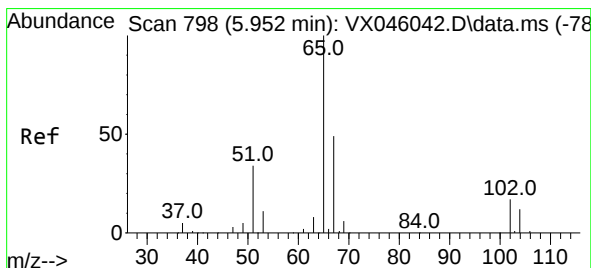
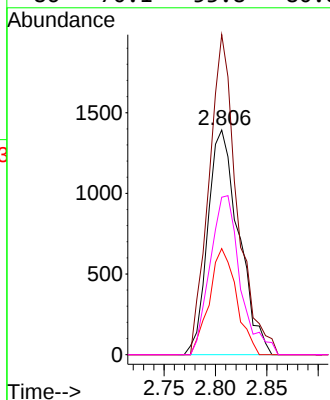
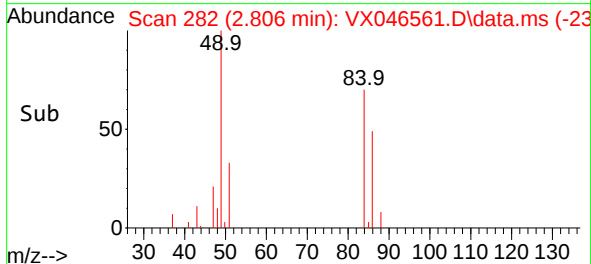


Tgt Ion: 84 Resp: 2910

Ion	Ratio	Lower	Upper
84	100		
49	142.4	113.9	170.9
51	47.2	33.5	50.3
86	70.1	53.8	80.8

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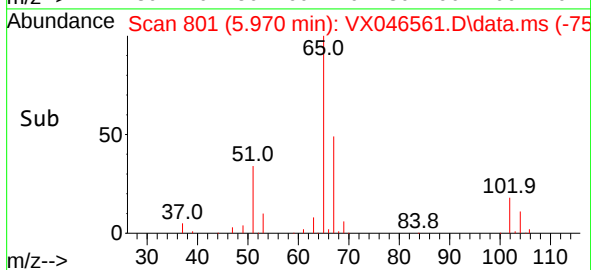
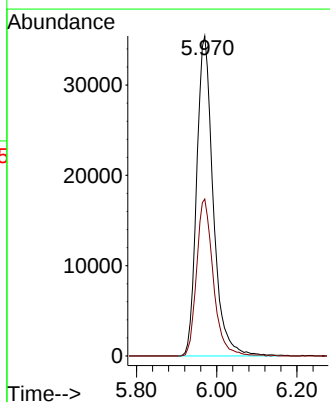
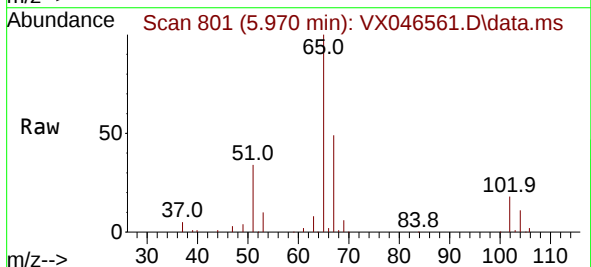
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

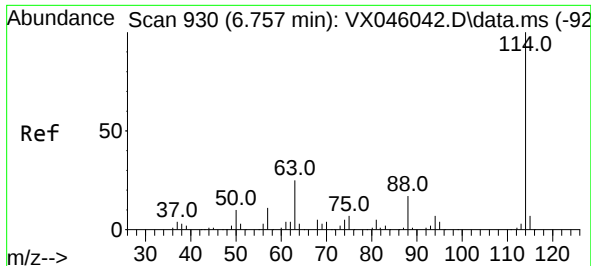


#33
1,2-Dichloroethane-d4
Concen: 49.099 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

Tgt Ion: 65 Resp: 101017

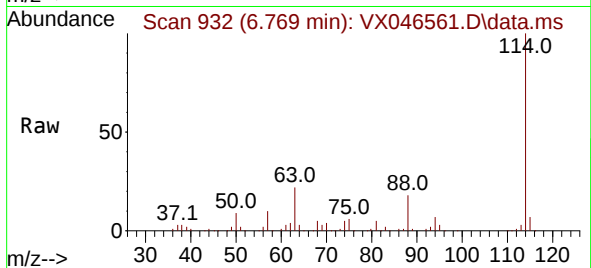
Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

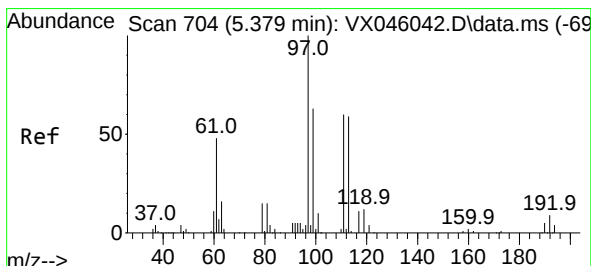
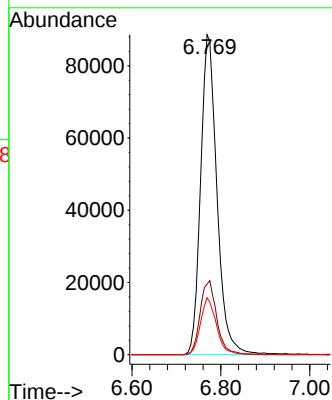
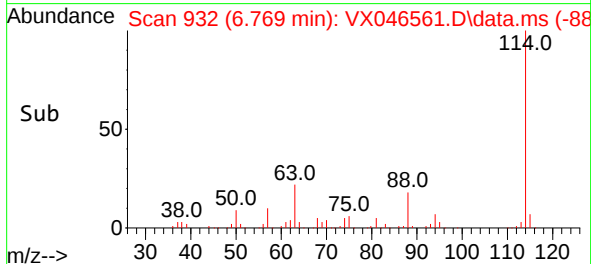
Instrument :
MSVOA_X
ClientSampleId :
TP-1



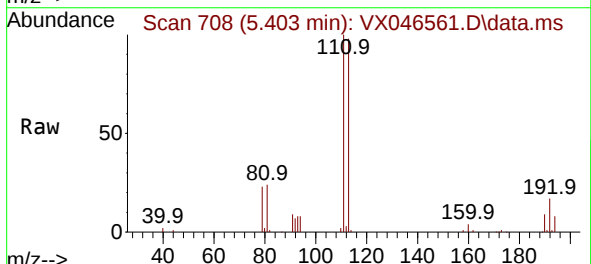
Tgt Ion:114 Resp: 22698
Ion Ratio Lower Upper
114 100
63 22.1 0.0 49.2
88 17.8 0.0 33.6

Manual Integrations
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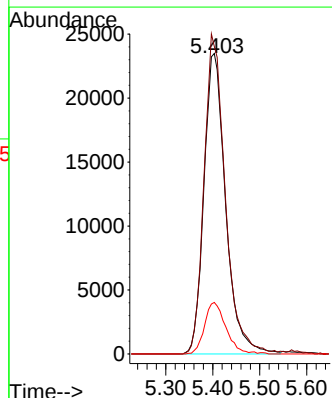
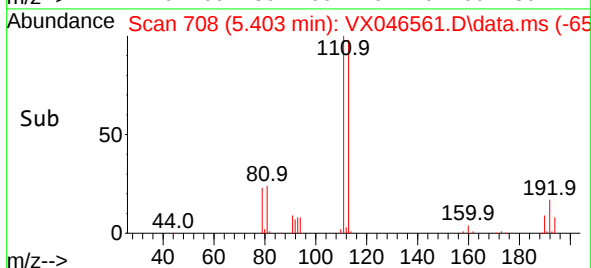
Reviewed By :John Carlone 06/09/2025
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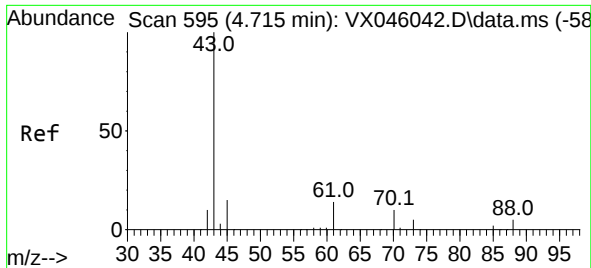


#35
Dibromofluoromethane
Concen: 45.120 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40



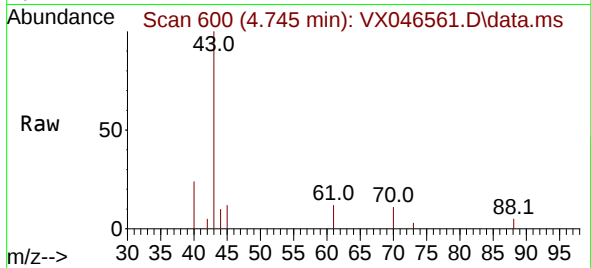
Tgt Ion:113 Resp: 75315
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 17.0 13.3 19.9





#37
Ethyl Acetate
Concen: 2.878 ug/l m
RT: 4.745 min Scan# 609
Delta R.T. 0.012 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

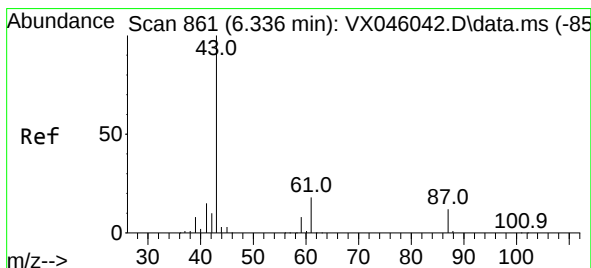
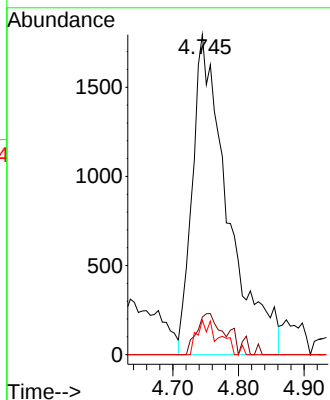
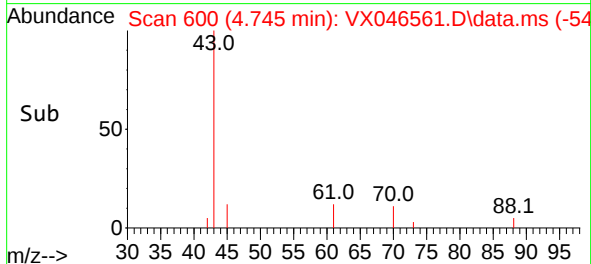
Instrument :
MSVOA_X
ClientSampleId :
TP-1



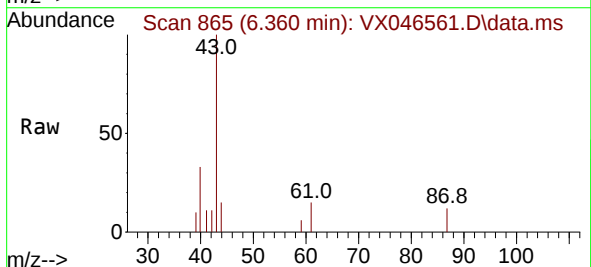
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
61 10.0 10.3 15.5
70 5.0 7.9 11.9

Manual Integrations
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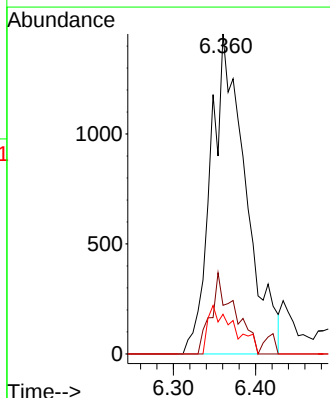
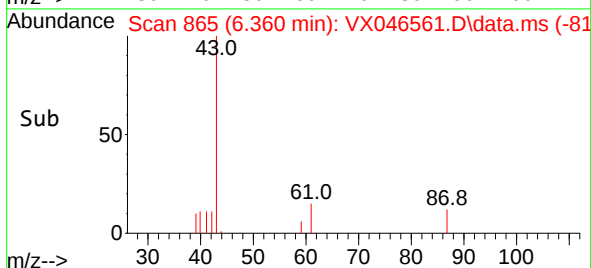
Reviewed By :John Carlone 06/09/2025
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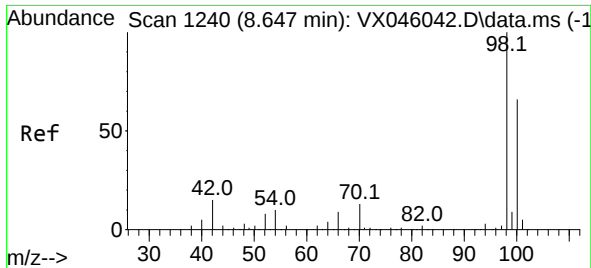


#43
Isopropyl Acetate
Concen: 1.054 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.006 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40



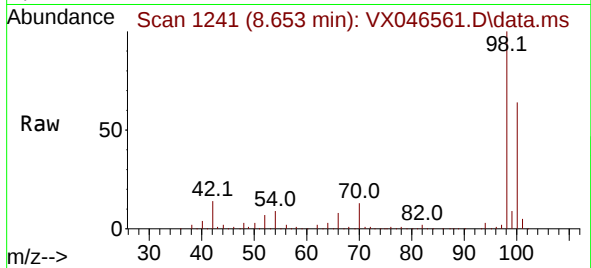
Tgt Ion: 43 Resp: 4278
Ion Ratio Lower Upper
43 100
61 17.1 14.3 21.5
87 11.3 9.5 14.3





#50
Toluene-d8
Concen: 52.626 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

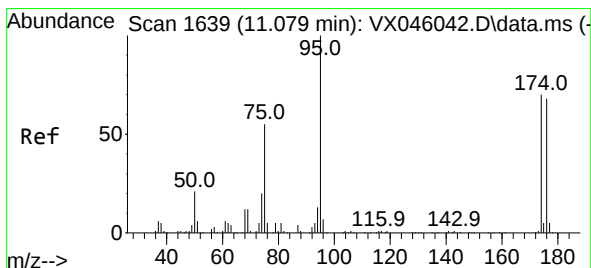
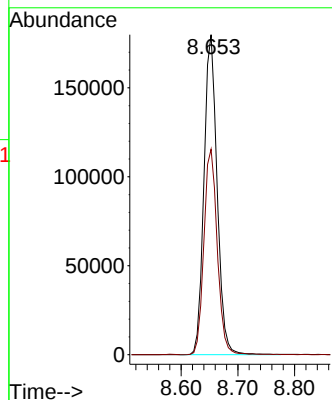
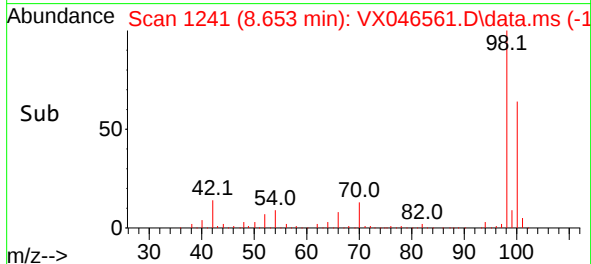
Instrument :
MSVOA_X
ClientSampleId :
TP-1



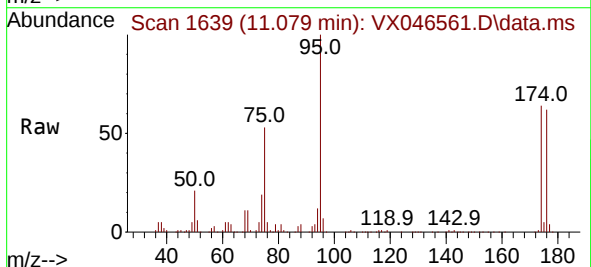
Tgt Ion: 98 Resp: 289609
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

Manual Integrations
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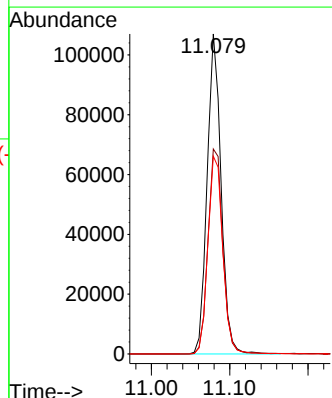
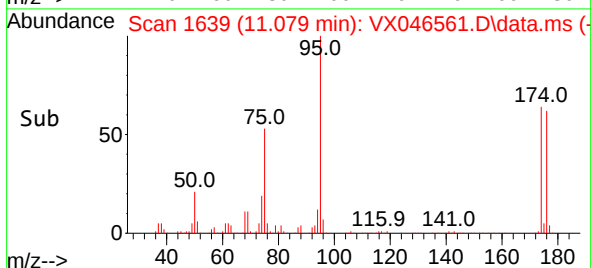
Reviewed By :John Carlone 06/09/2025
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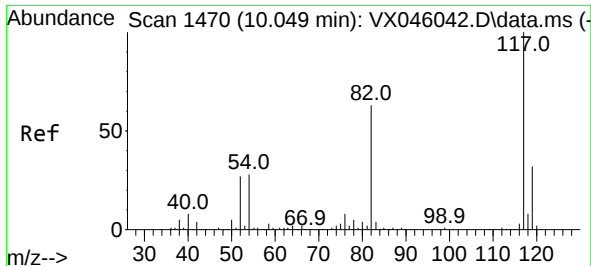


#62
4-Bromofluorobenzene
Concen: 58.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40



Tgt Ion: 95 Resp: 132076
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 66.1 0.0 131.4





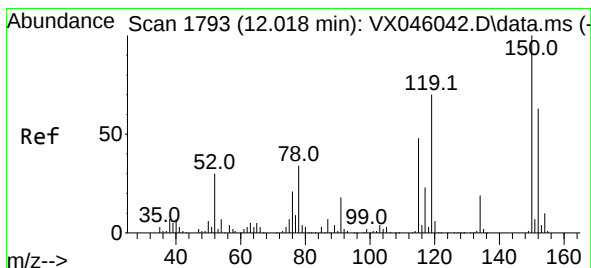
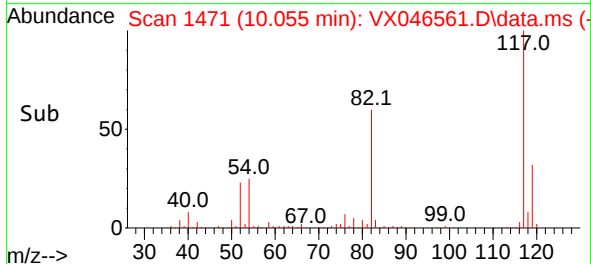
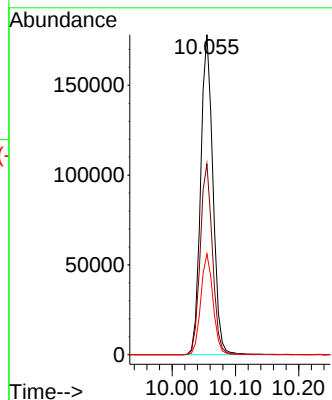
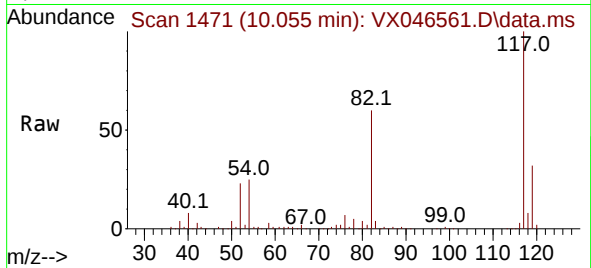
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 240362
Ion Ratio Lower Upper
117 100
82 59.6 50.6 76.0
119 31.5 25.8 38.6

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX046561.D
Acq: 07 Jun 2025 06:40

Tgt Ion:152 Resp: 121091
Ion Ratio Lower Upper
152 100
115 65.2 46.9 140.7
150 155.7 0.0 351.0

