

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046556.D
 Acq On : 07 Jun 2025 04:52
 Operator : JC/MD
 Sample : Q2227-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP07-MHH-WC

Quant Time: Jun 07 05:26:28 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	5.562	168	108493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	93255	48.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	5.403	113	69860	43.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.660%		
50) Toluene-d8	8.653	98	278256	52.956	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.920%		
62) 4-Bromofluorobenzene	11.079	95	129355	59.500	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	119.000%		
Target Compounds					Qvalue	
8) Diethyl Ether	2.148	74	25066	31.374	ug/l	94
16) Acetone	2.392	43	11011	18.854	ug/l	99
18) Methyl Acetate	2.721	43	10427	4.535	ug/l	99
20) Methylene Chloride	2.806	84	2583	1.668	ug/l	93
37) Ethyl Acetate	4.745	43	5925m	2.667	ug/l	
43) Isopropyl Acetate	6.367	43	4459	1.151	ug/l #	96

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

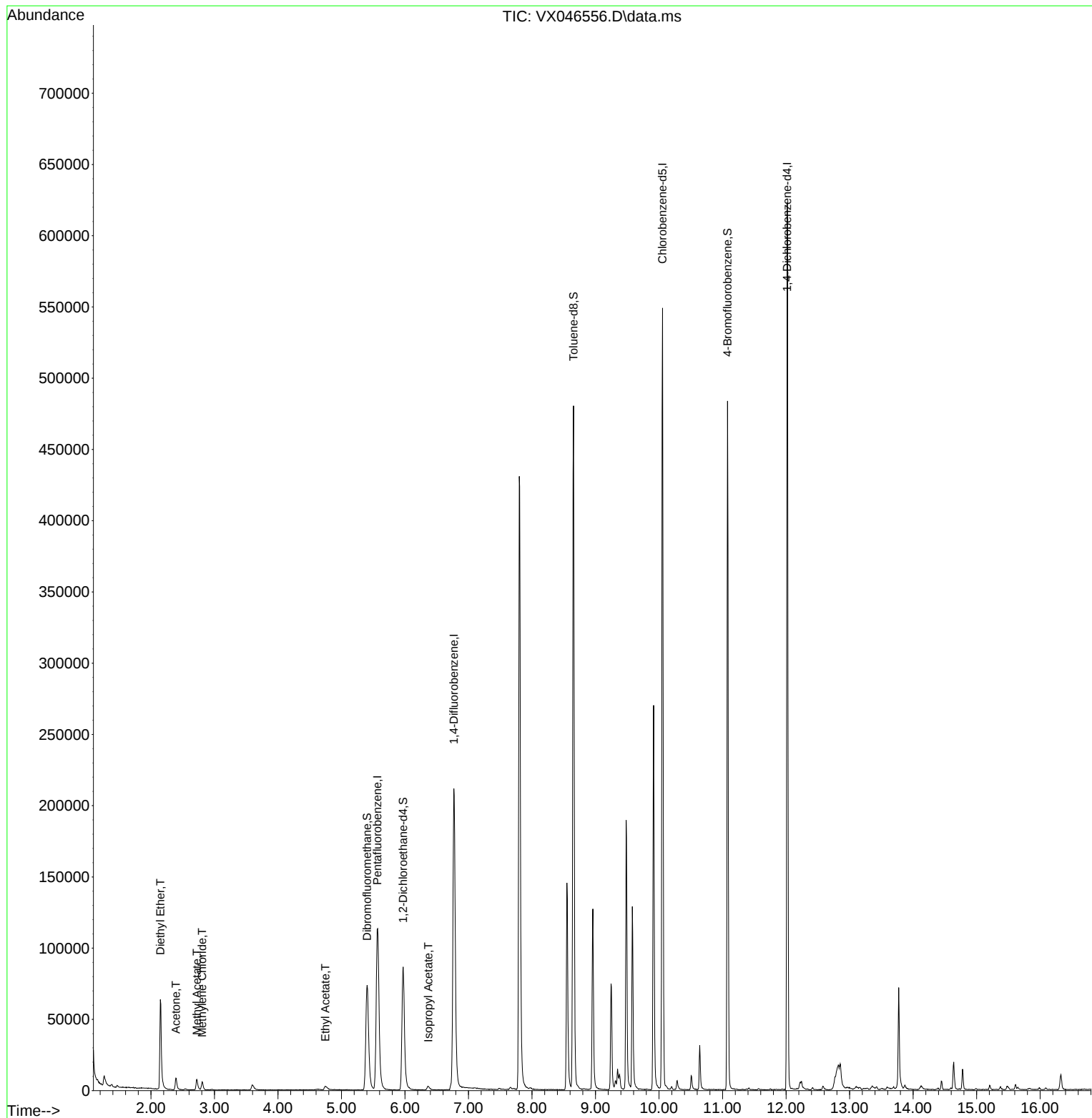
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046556.D
Acq On : 07 Jun 2025 04:52
Operator : JC/MD
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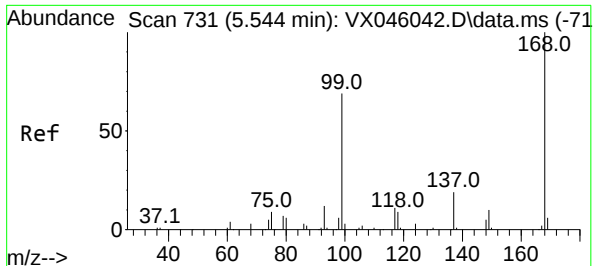
Instrument :
MSVOA_X
ClientSampleId :
TP07-MHH-WC

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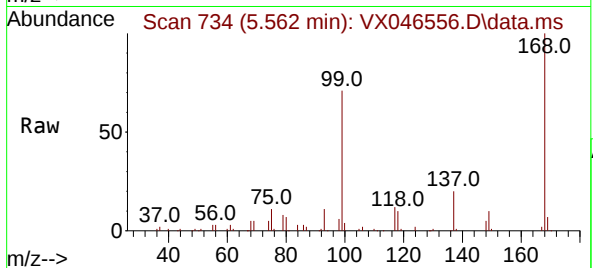
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

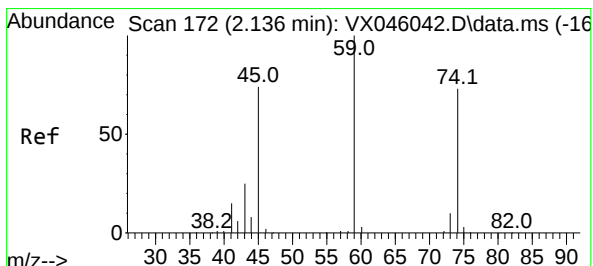
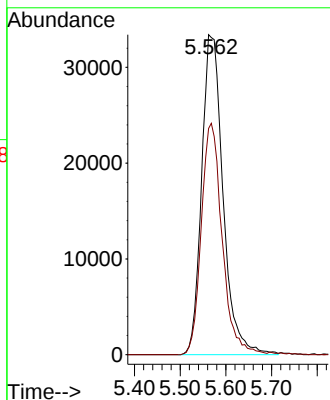
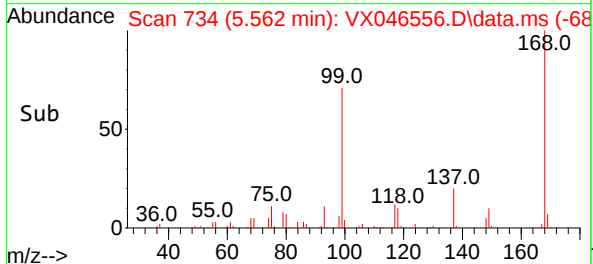
Instrument :
MSVOA_X
ClientSampleId :
TP07-MHH-WC



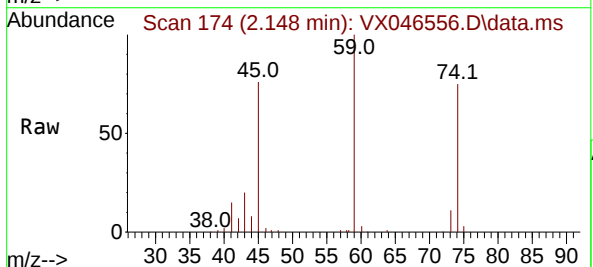
Tgt Ion:168 Resp: 10849
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3

Manual Integrations
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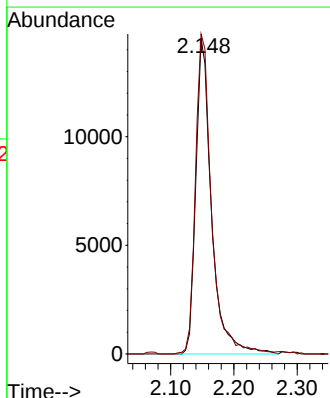
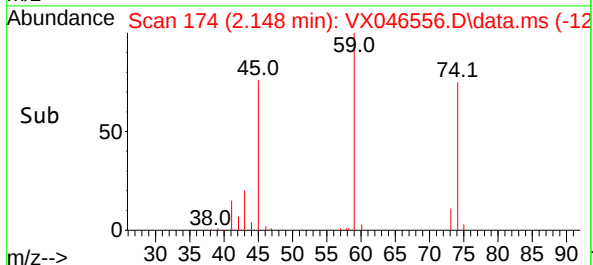
Reviewed By :John Carlone 06/09/2025
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#8
Diethyl Ether
Concen: 31.374 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52



Tgt Ion: 74 Resp: 25066
Ion Ratio Lower Upper
74 100
45 104.0 54.9 164.8





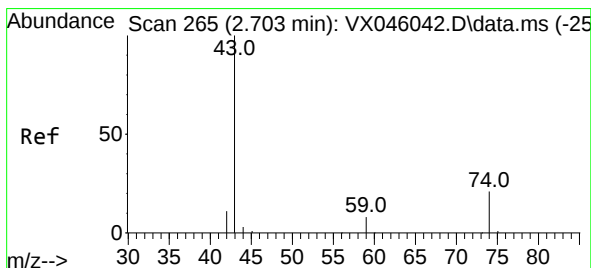
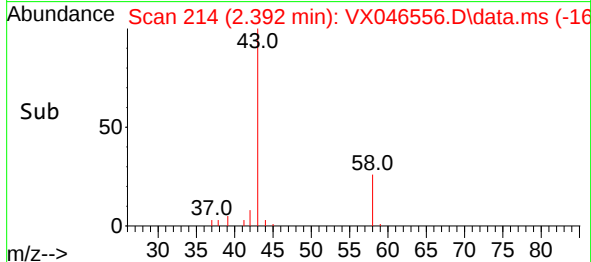
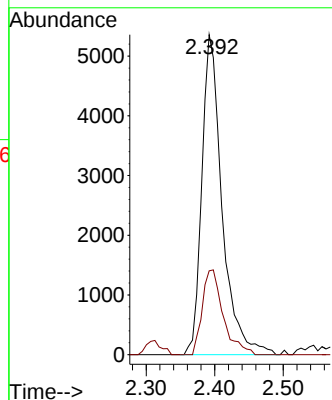
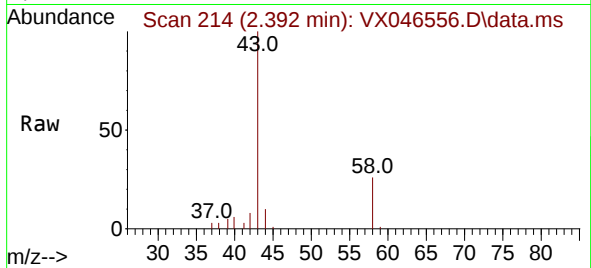
#16
Acetone
Concen: 18.854 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

Instrument :
MSVOA_X
ClientSampleId :
TP07-MHH-WC

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 26.2 21.2 31.8

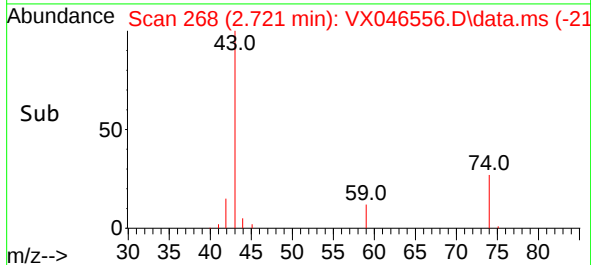
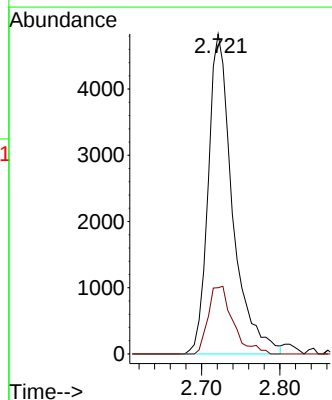
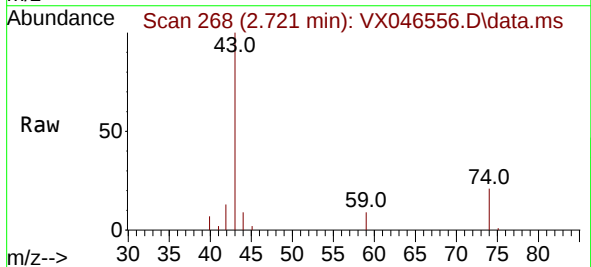
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#18
Methyl Acetate
Concen: 4.535 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

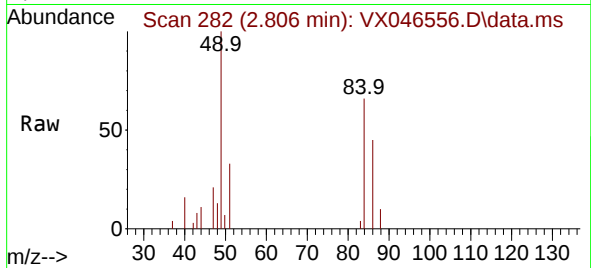
Tgt Ion: 43 Resp: 10427
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1





#20
Methylene Chloride
Concen: 1.668 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

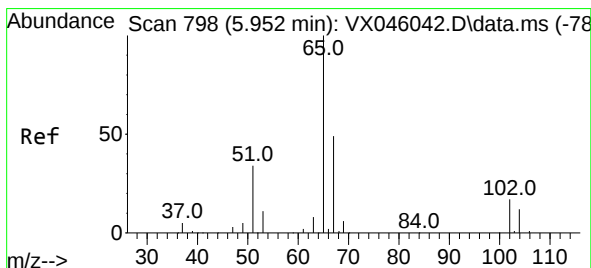
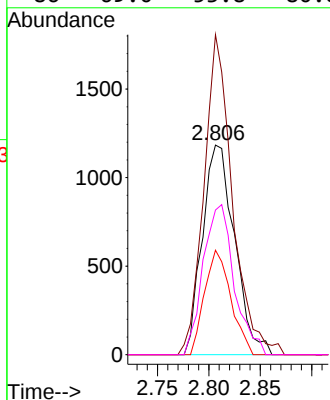
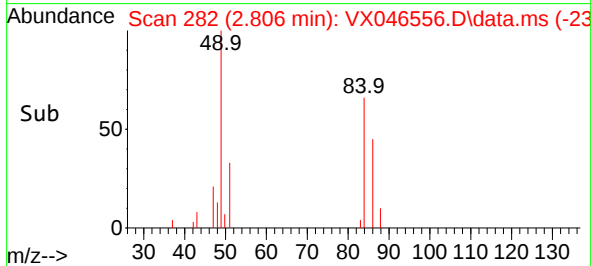
Instrument :
MSVOA_X
ClientSampleId :
TP07-MHH-WC



Tgt Ion: 84 Resp: 258
Ion Ratio Lower Upper
84 100
49 152.6 113.9 170.9
51 49.8 33.5 50.3
86 69.0 53.8 80.8

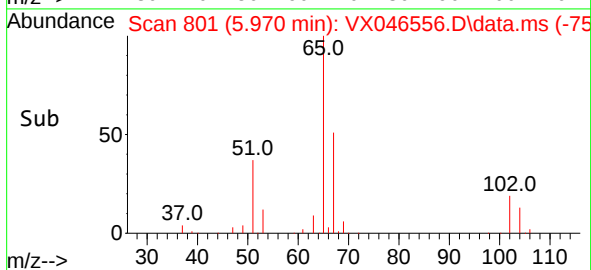
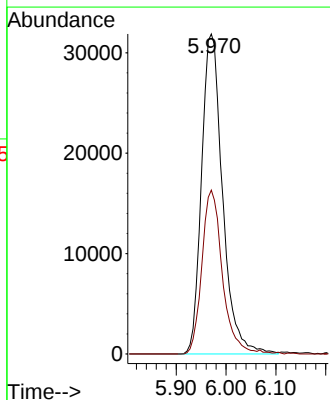
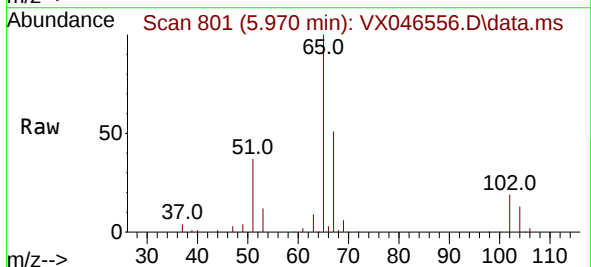
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#33
1,2-Dichloroethane-d4
Concen: 48.314 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

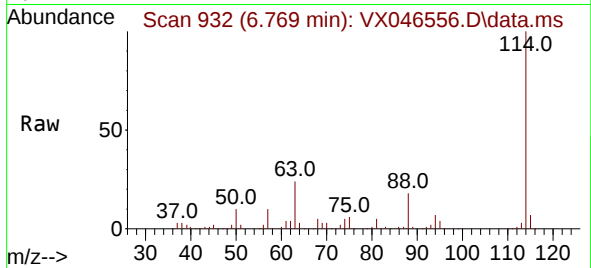
Tgt Ion: 65 Resp: 93255
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

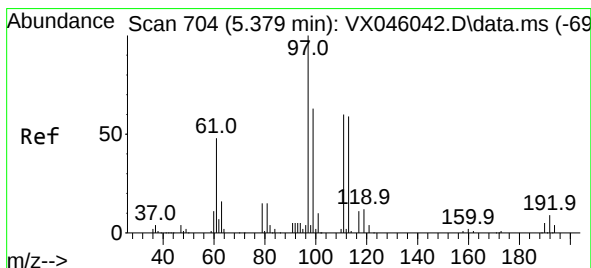
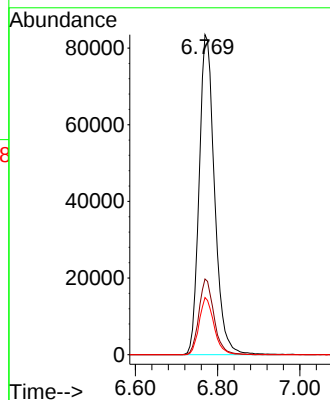
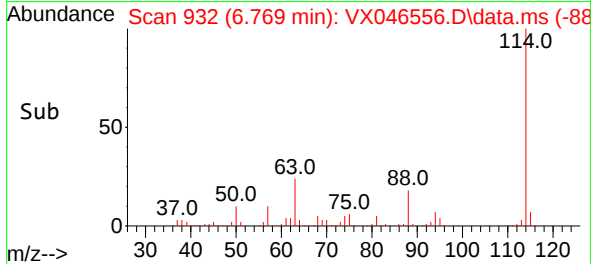
Instrument :
MSVOA_X
ClientSampleId :
TP07-MHH-WC



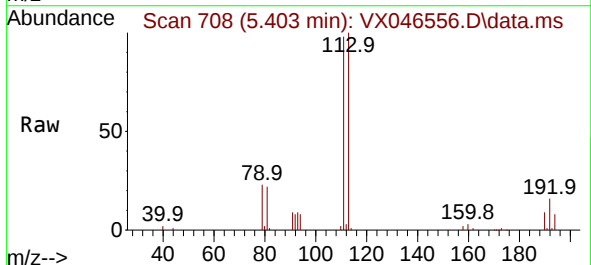
Tgt Ion:114 Resp: 216729
Ion Ratio Lower Upper
114 100
63 23.6 0.0 49.2
88 17.9 0.0 33.6

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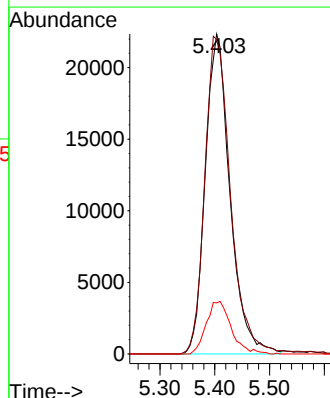
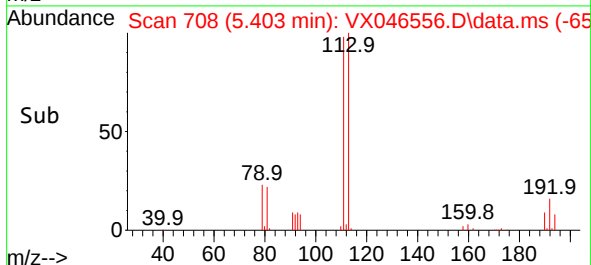
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

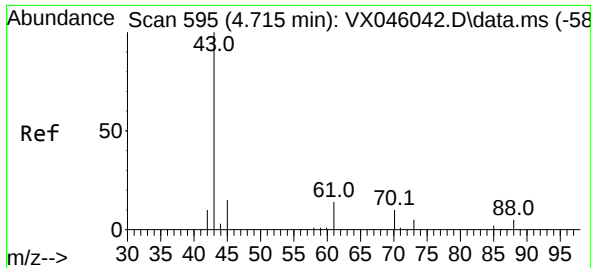


#35
Dibromofluoromethane
Concen: 43.833 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52



Tgt Ion:113 Resp: 69860
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 16.6 13.3 19.9





#37

Ethyl Acetate

Concen: 2.667 ug/l m

RT: 4.745 min Scan# 60

Delta R.T. 0.012 min

Lab File: VX046556.D

Acq: 07 Jun 2025 04:52

Instrument :

MSVOA_X

ClientSampleId :

TP07-MHH-WC

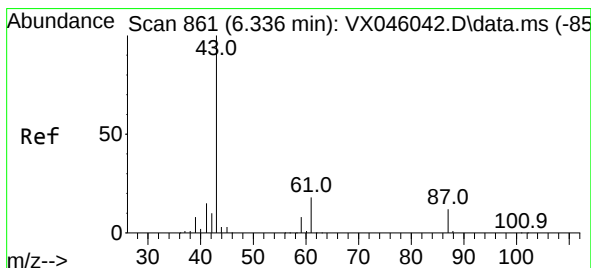
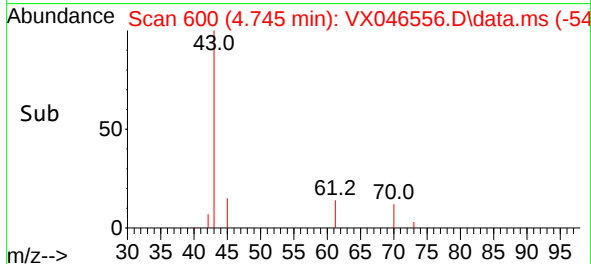
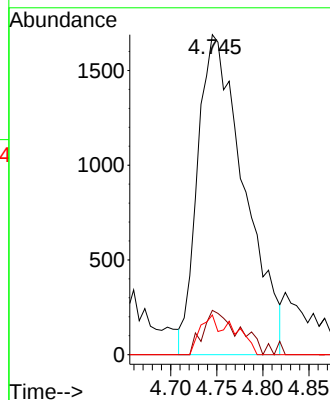
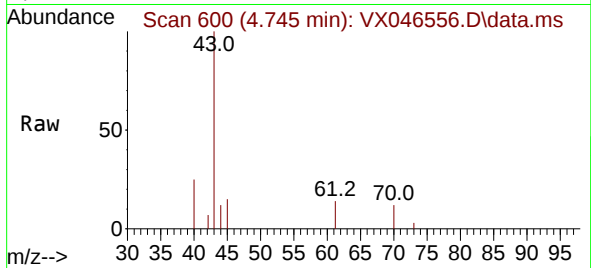
Tgt Ion: 43	Resp: 592
Ion Ratio	Lower Upper
43 100	
61 10.5	10.3 15.5
70 5.4	7.9 11.9

Manual Integrations

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#43

Isopropyl Acetate

Concen: 1.151 ug/l

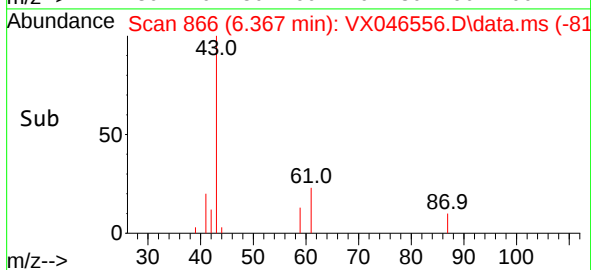
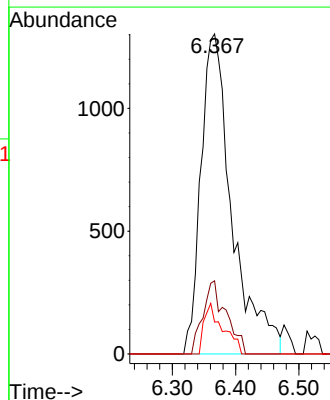
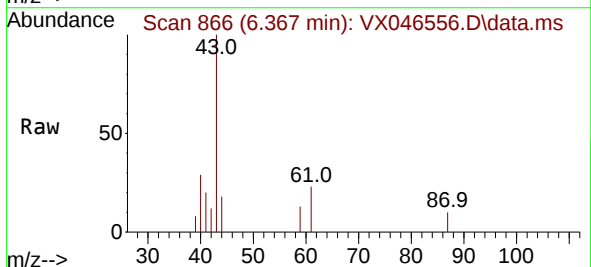
RT: 6.367 min Scan# 866

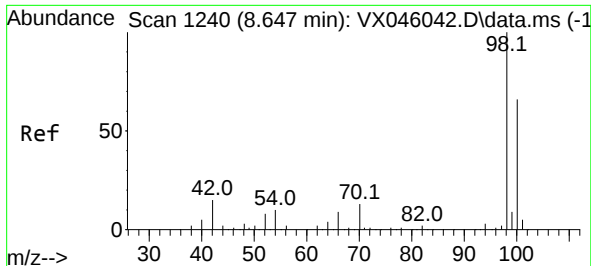
Delta R.T. 0.013 min

Lab File: VX046556.D

Acq: 07 Jun 2025 04:52

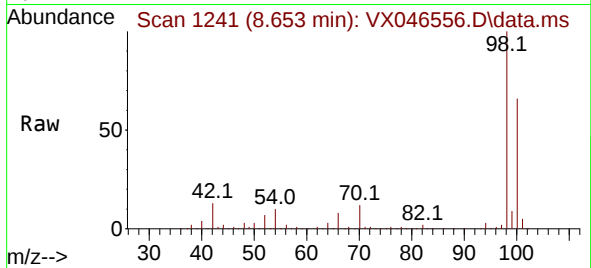
Tgt Ion: 43	Resp: 4459
Ion Ratio	Lower Upper
43 100	
61 17.0	14.3 21.5
87 9.5	9.5 14.3





#50
Toluene-d8
Concen: 52.956 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

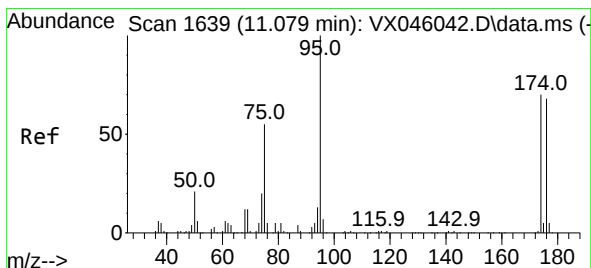
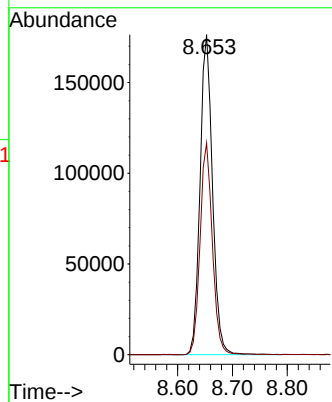
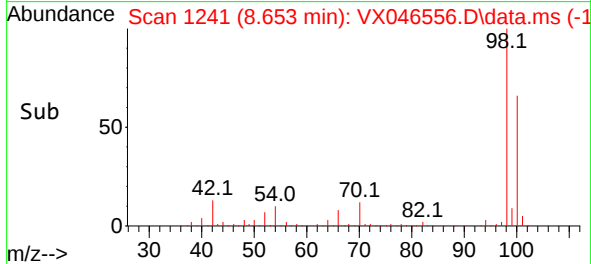
Instrument :
MSVOA_X
ClientSampleId :
TP07-MHH-WC



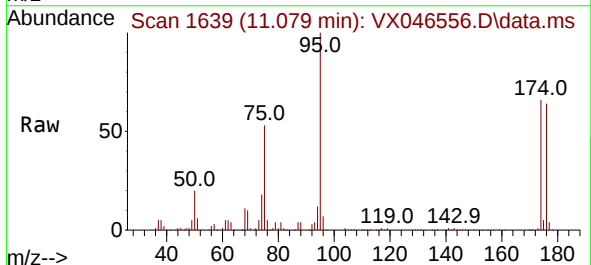
Tgt Ion: 98 Resp: 278250
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3

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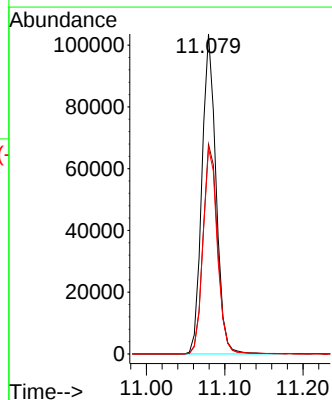
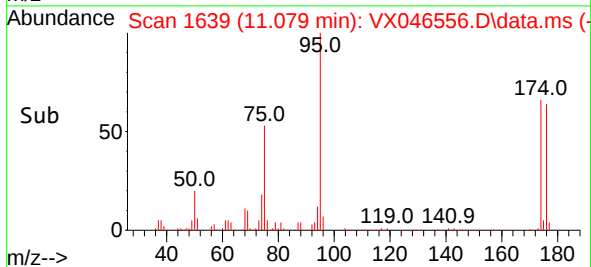
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

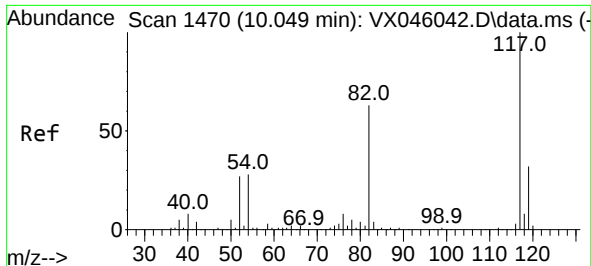


#62
4-Bromofluorobenzene
Concen: 59.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52



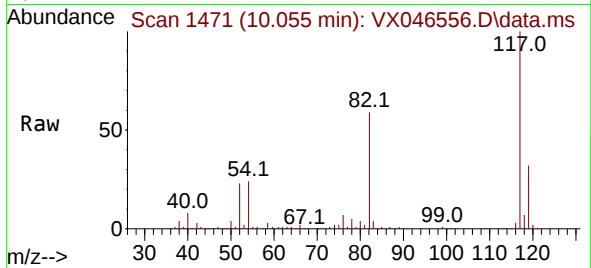
Tgt Ion: 95 Resp: 129355
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 65.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

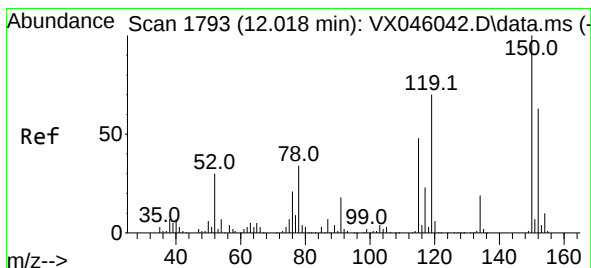
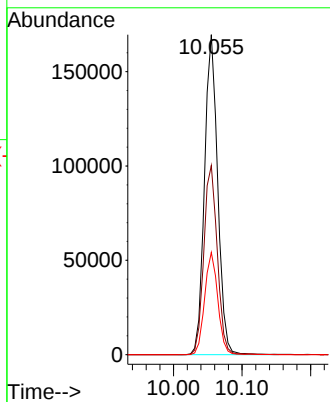
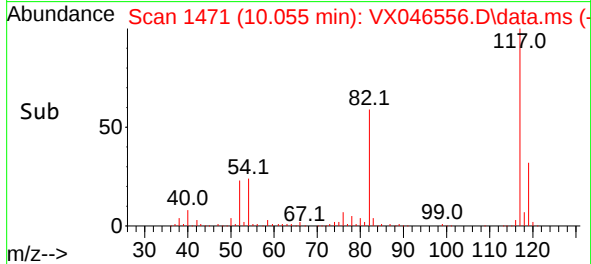
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 22748
Ion Ratio Lower Upper
117 100
82 59.1 50.6 76.0
119 32.0 25.8 38.6

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046556.D
Acq: 07 Jun 2025 04:52

Tgt Ion:152 Resp: 118601
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 157.9 0.0 351.0

