

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046650.D
 Acq On : 11 Jun 2025 20:04
 Operator : JC/MD
 Sample : Q2278-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Jun 12 02:37:19 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 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	80049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	147113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	62562	43.929	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.860%		
35) Dibromofluoromethane	5.403	113	58330	53.916	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.840%		
50) Toluene-d8	8.653	98	215519	60.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	120.840%#		
62) 4-Bromofluorobenzene	11.079	95	90785	61.519	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	123.040%#		
Target Compounds					Qvalue	
16) Acetone	2.392	43	11190	24.236	ug/l	100
18) Methyl Acetate	2.721	43	9764	5.756	ug/l	98
20) Methylene Chloride	2.806	84	4821	4.220	ug/l #	83
37) Ethyl Acetate	4.745	43	5525m	3.663	ug/l	
43) Isopropyl Acetate	6.367	43	4176	1.588	ug/l	98

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

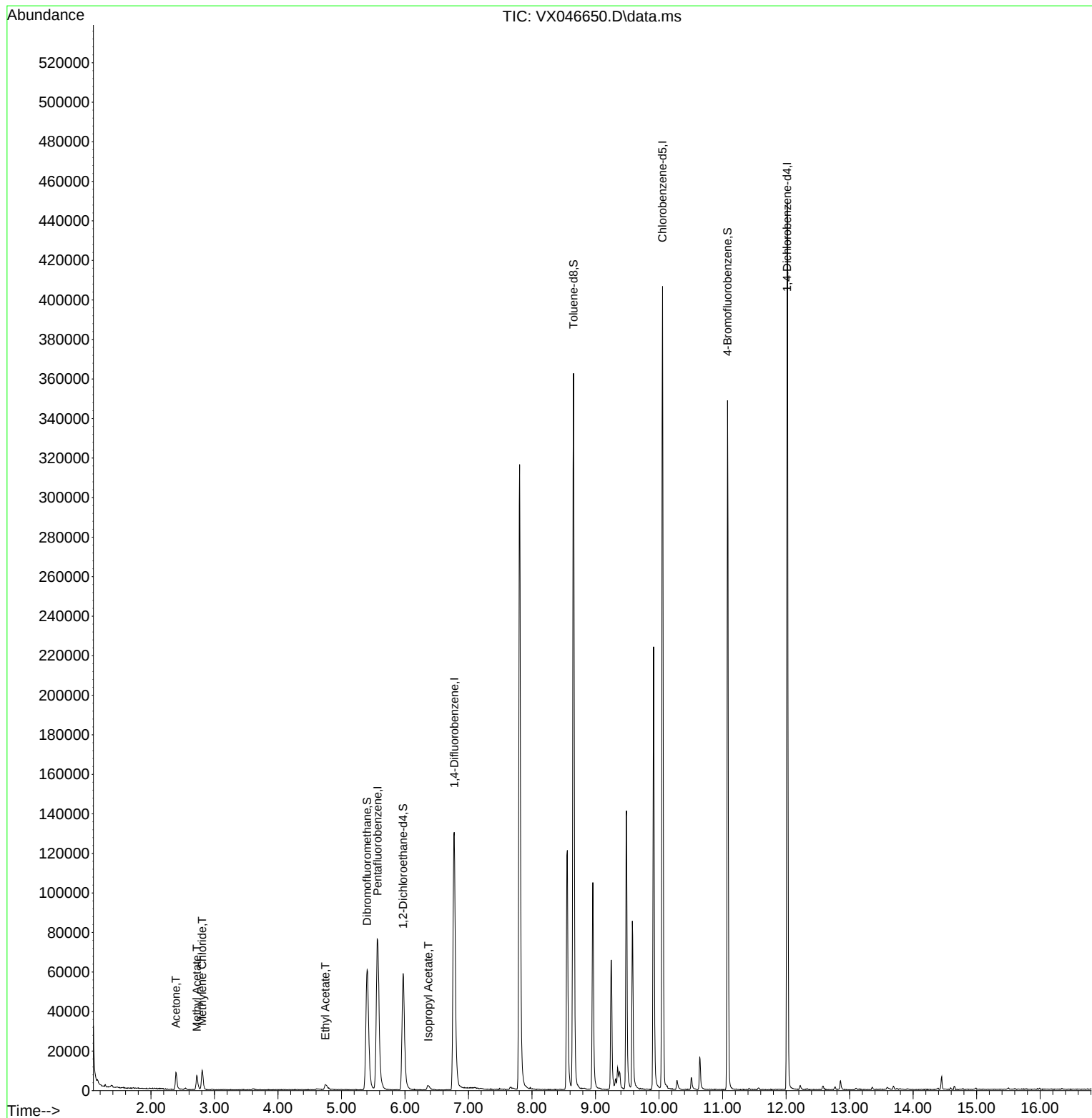
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046650.D
Acq On : 11 Jun 2025 20:04
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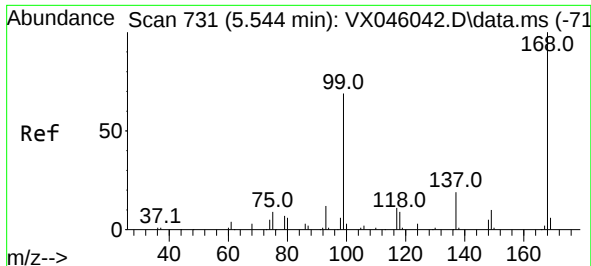
Instrument :
MSVOA_X
ClientSampleId :
TP-2

Quant Time: Jun 12 02:37:19 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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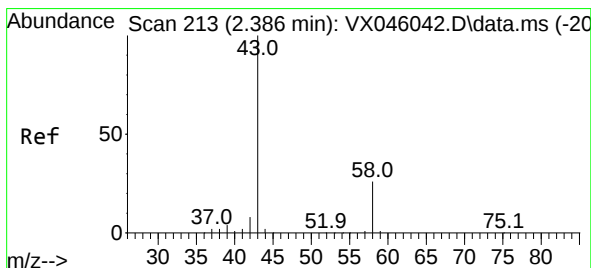
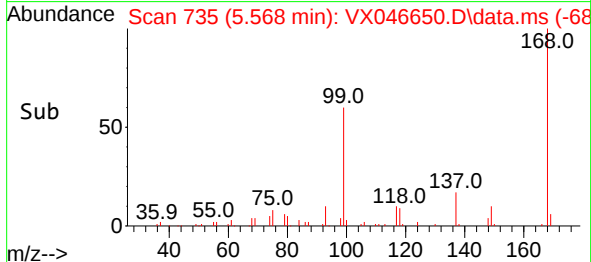
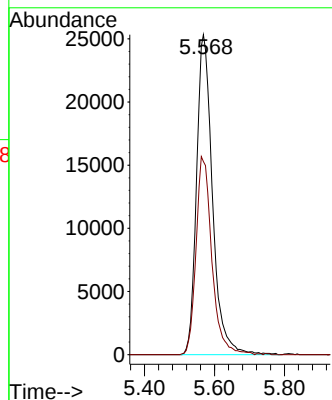
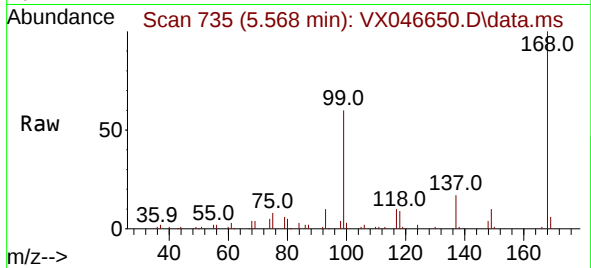
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 731
Delta R.T. 0.000 min
Lab File: VX046650.D
Acq: 11 Jun 2025 20:04

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 80049
Ion Ratio Lower Upper
168 100
99 60.4 54.9 82.3

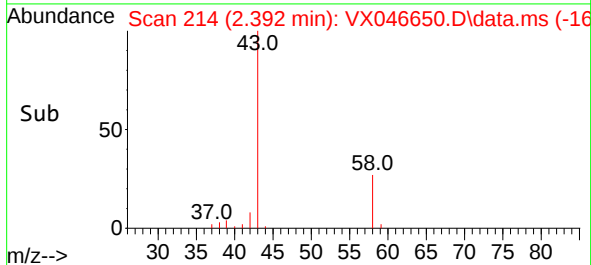
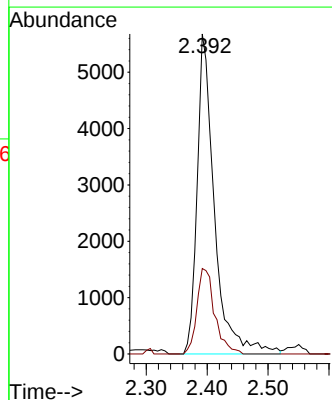
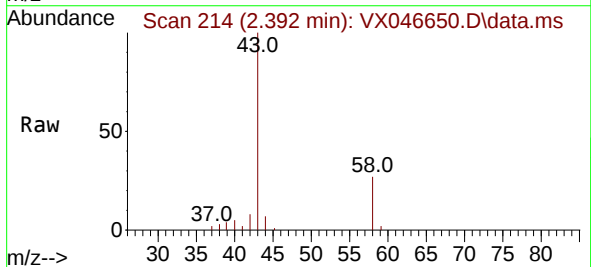
Manual Integrations
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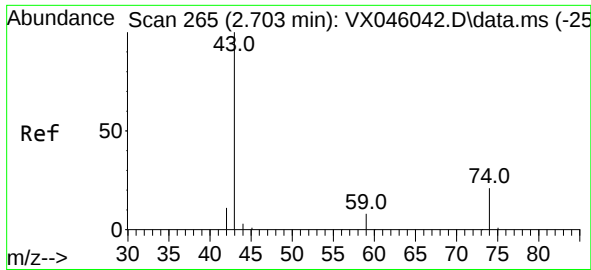
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#16
Acetone
Concen: 24.236 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046650.D
Acq: 11 Jun 2025 20:04

Tgt Ion: 43 Resp: 11190
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8





#18

Methyl Acetate

Concen: 5.756 ug/l

RT: 2.721 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX046650.D

Acq: 11 Jun 2025 20:04

Instrument :

MSVOA_X

ClientSampleId :

TP-2

Tgt Ion: 43 Resp: 9764

Ion Ratio Lower Upper

43 100

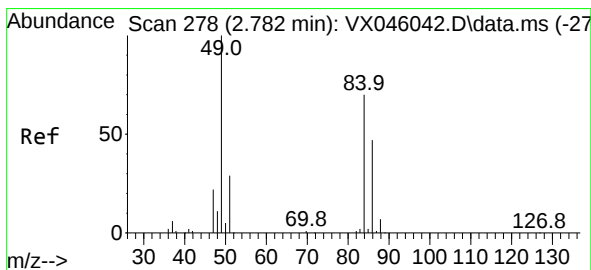
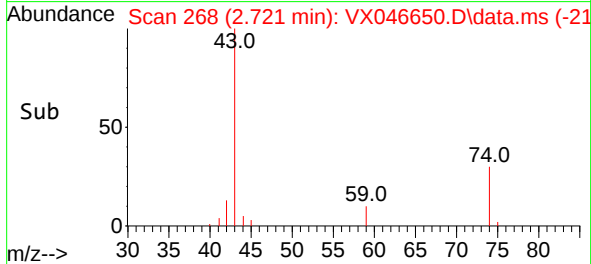
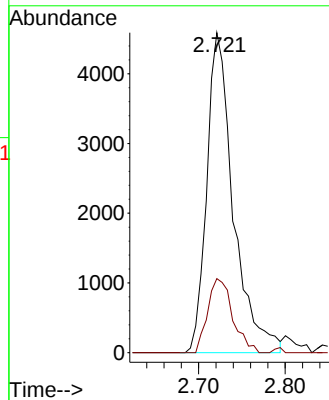
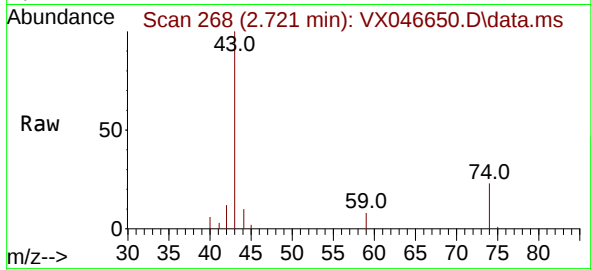
74 21.8 16.7 25.1

Manual Integrations

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#20

Methylene Chloride

Concen: 4.220 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.000 min

Lab File: VX046650.D

Acq: 11 Jun 2025 20:04

Tgt Ion: 84 Resp: 4821

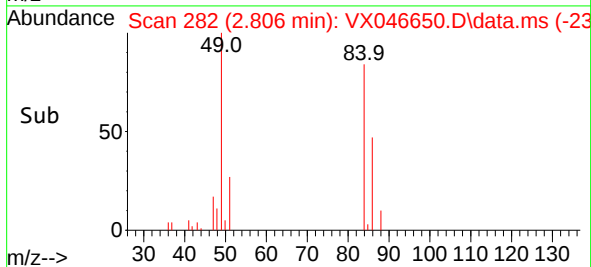
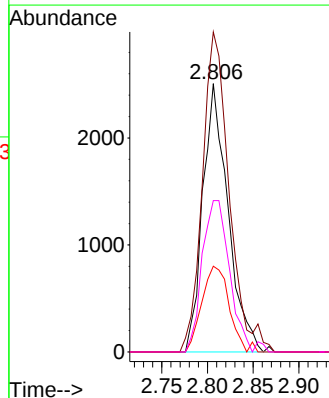
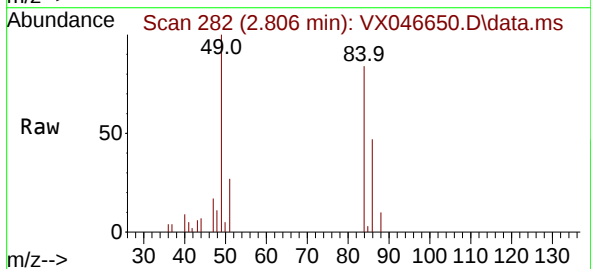
Ion Ratio Lower Upper

84 100

49 119.3 113.9 170.9

51 32.0 33.5 50.3#

86 56.4 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 43.929 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046650.D

Acq: 11 Jun 2025 20:04

Instrument :

MSVOA_X

ClientSampleId :

TP-2

Tgt Ion: 65 Resp: 62562

Ion Ratio Lower Upper

65 100

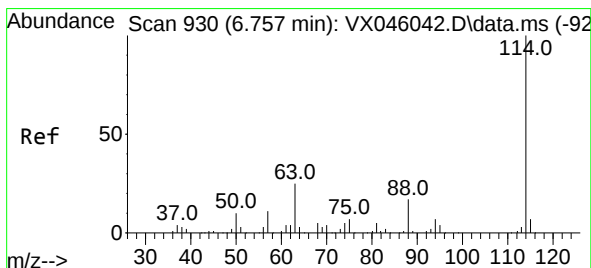
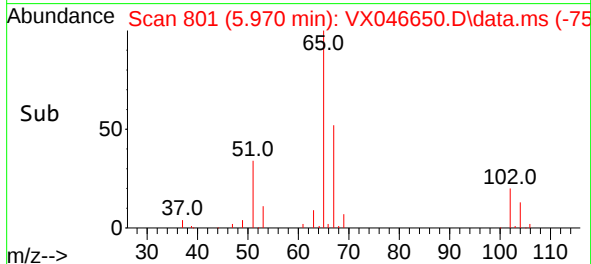
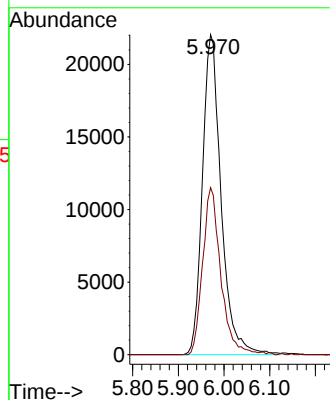
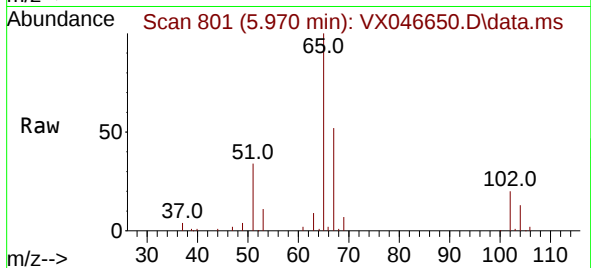
67 50.9 0.0 99.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046650.D

Acq: 11 Jun 2025 20:04

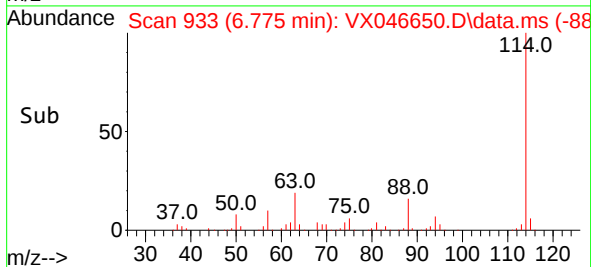
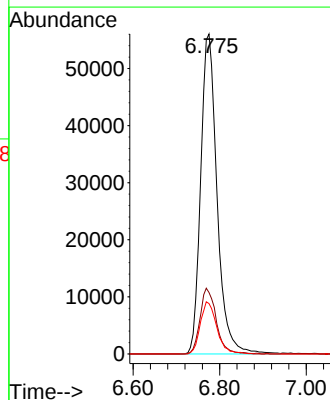
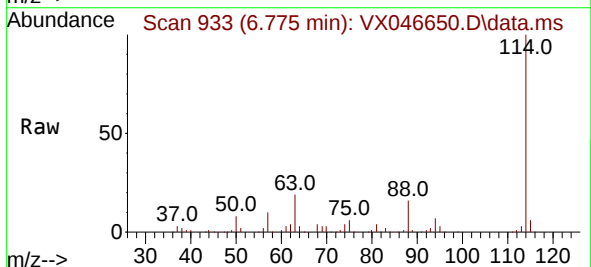
Tgt Ion:114 Resp: 147113

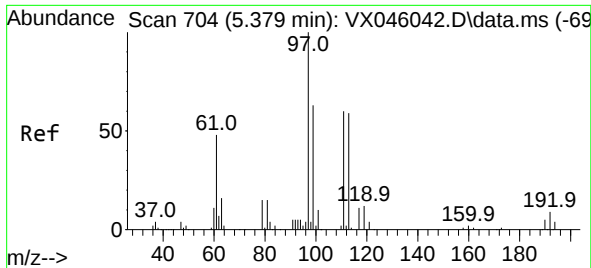
Ion Ratio Lower Upper

114 100

63 19.2 0.0 49.2

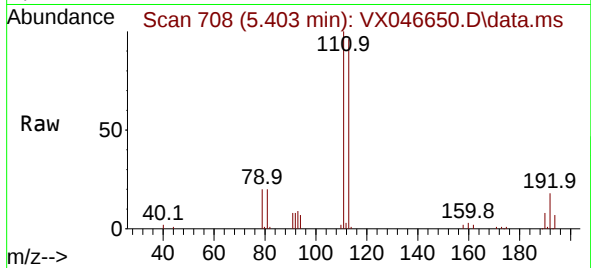
88 15.7 0.0 33.6





#35
Dibromofluoromethane
Concen: 53.916 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046650.D
Acq: 11 Jun 2025 20:04

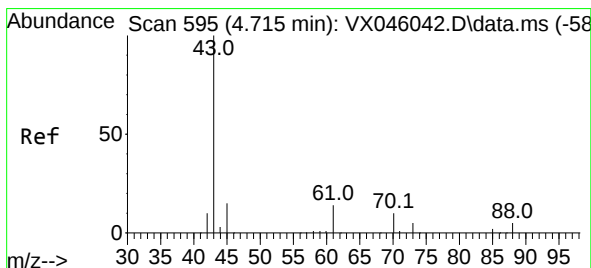
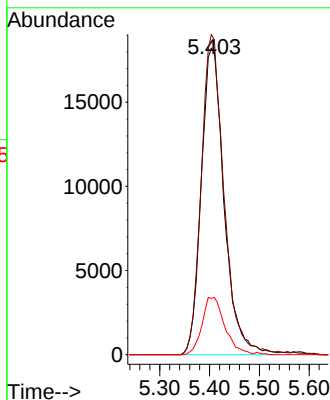
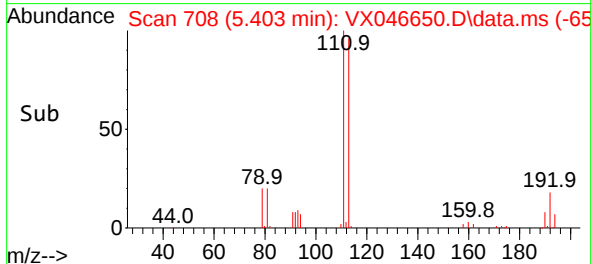
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion:113 Resp: 58330
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 18.5 13.3 19.9

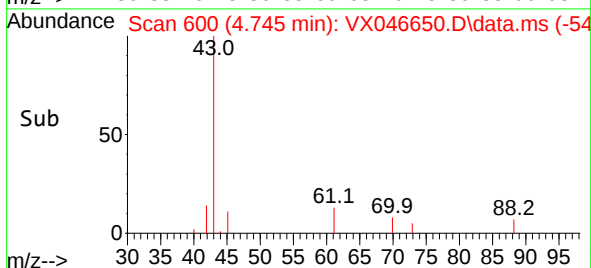
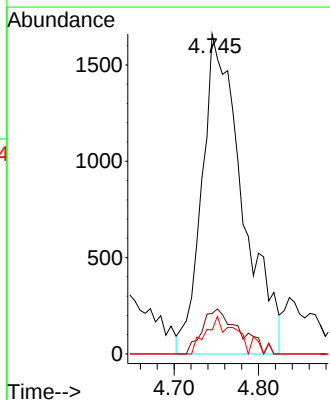
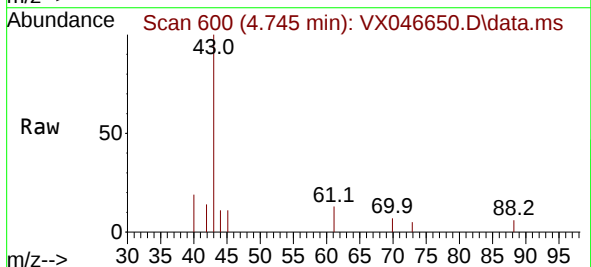
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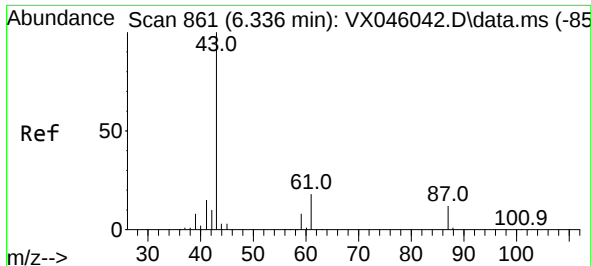
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#37
Ethyl Acetate
Concen: 3.663 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046650.D
Acq: 11 Jun 2025 20:04

Tgt Ion: 43 Resp: 5525
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 8.1 7.9 11.9





#43

Isopropyl Acetate

Concen: 1.588 ug/l

RT: 6.367 min Scan# 80

Delta R.T. 0.013 min

Lab File: VX046650.D

Acq: 11 Jun 2025 20:04

Instrument :

MSVOA_X

ClientSampleId :

TP-2

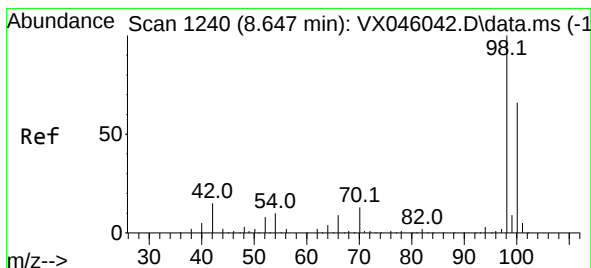
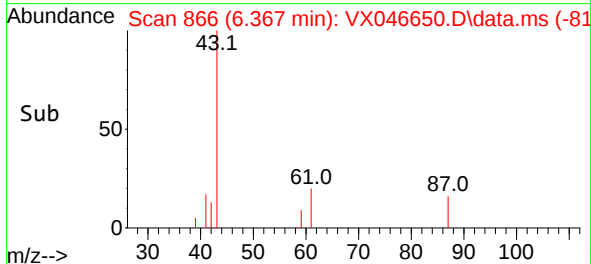
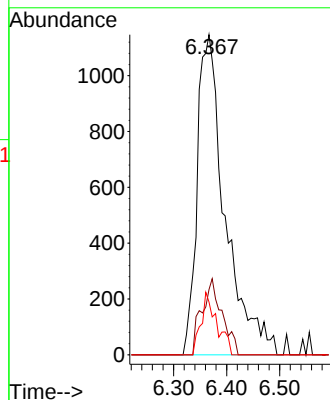
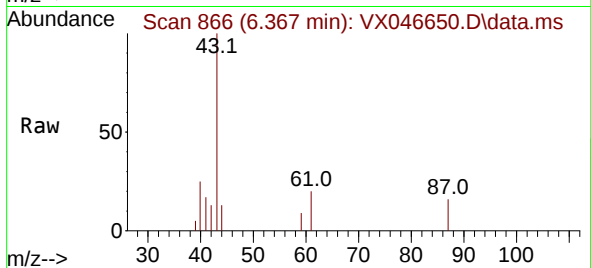
Tgt Ion: 43 Resp: 4170
 Ion Ratio Lower Upper
 43 100
 61 17.3 14.3 21.5
 87 11.1 9.5 14.3

Manual Integrations

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Supervised By :Mahesh Dadoda 06/12/2025



#50

Toluene-d8

Concen: 60.424 ug/l

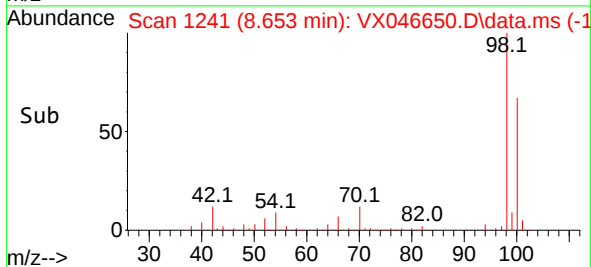
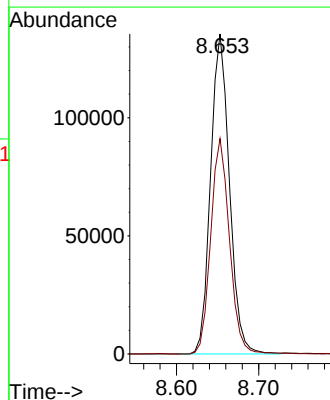
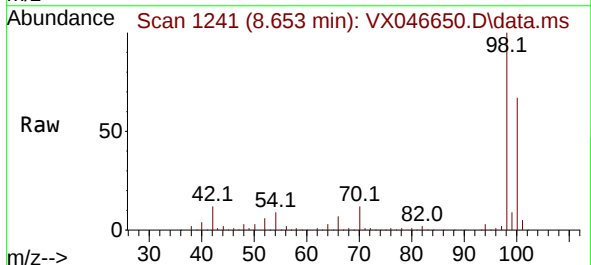
RT: 8.653 min Scan# 1241

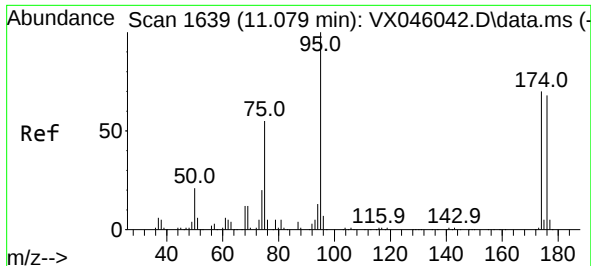
Delta R.T. -0.000 min

Lab File: VX046650.D

Acq: 11 Jun 2025 20:04

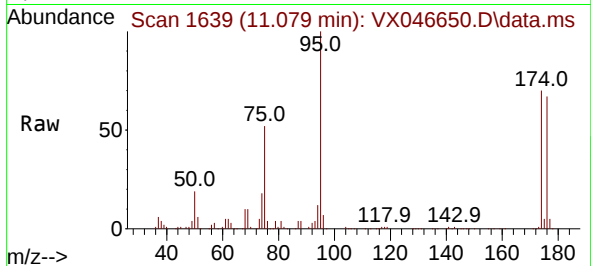
Tgt Ion: 98 Resp: 215519
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 61.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046650.D
Acq: 11 Jun 2025 20:04

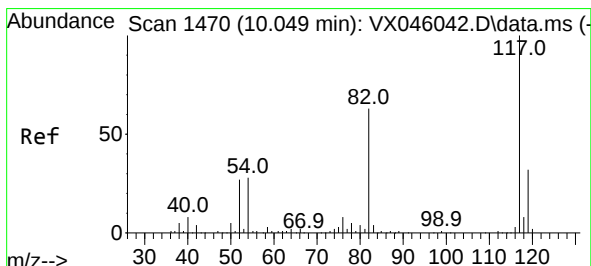
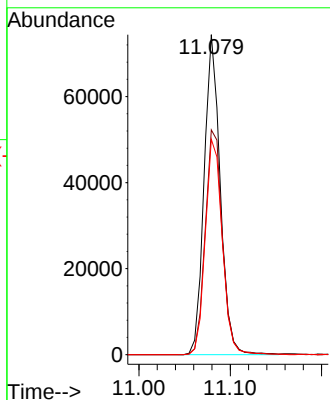
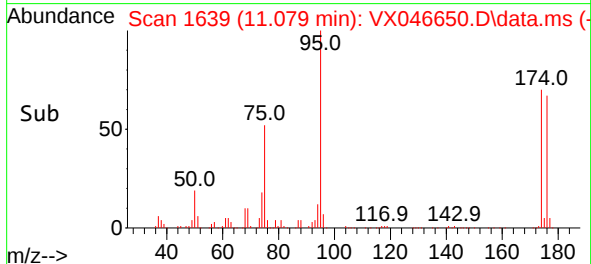
Instrument :
MSVOA_X
ClientSampleId :
TP-2



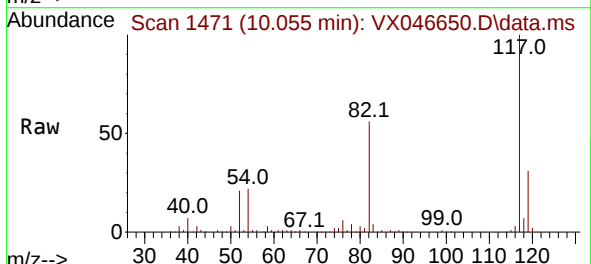
Tgt Ion: 95 Resp: 90785
Ion Ratio Lower Upper
95 100
174 75.4 0.0 135.8
176 71.1 0.0 131.4

Manual Integrations
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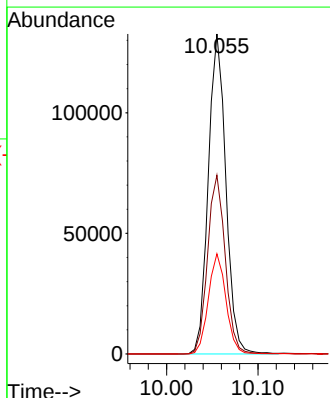
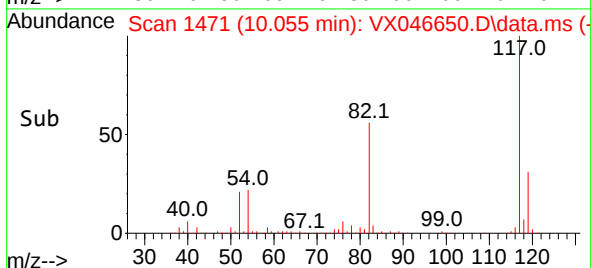
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

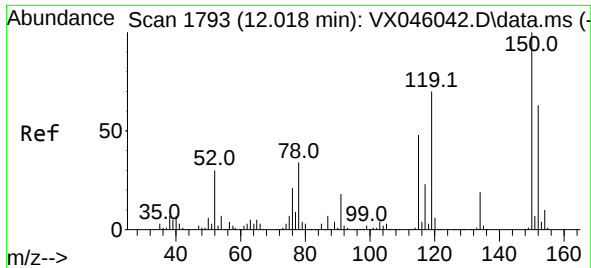


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046650.D
Acq: 11 Jun 2025 20:04



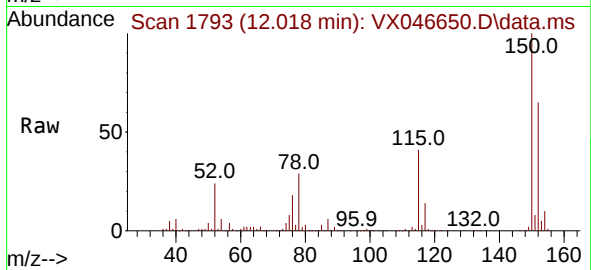
Tgt Ion:117 Resp: 176561
Ion Ratio Lower Upper
117 100
82 55.8 50.6 76.0
119 31.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046650.D
 Acq: 11 Jun 2025 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 9097
 Ion Ratio Lower Upper
 152 100
 115 61.7 46.9 140.7
 150 155.9 0.0 351.0

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