

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046652.D
 Acq On : 11 Jun 2025 20:48
 Operator : JC/MD
 Sample : Q2280-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-4643

Quant Time: Jun 12 02:42:08 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	124568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	241991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	100614	45.399	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.800%		
35) Dibromofluoromethane	5.397	113	86155	48.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	8.653	98	263900	44.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.960%		
62) 4-Bromofluorobenzene	11.079	95	134061	55.226	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	110.460%		
Target Compounds					Qvalue	
16) Acetone	2.398	43	11787	17.890	ug/l #	88
18) Methyl Acetate	2.721	43	10262	3.887	ug/l	97
20) Methylene Chloride	2.812	84	4006	2.253	ug/l #	84
37) Ethyl Acetate	4.757	43	5427m	2.187	ug/l	

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

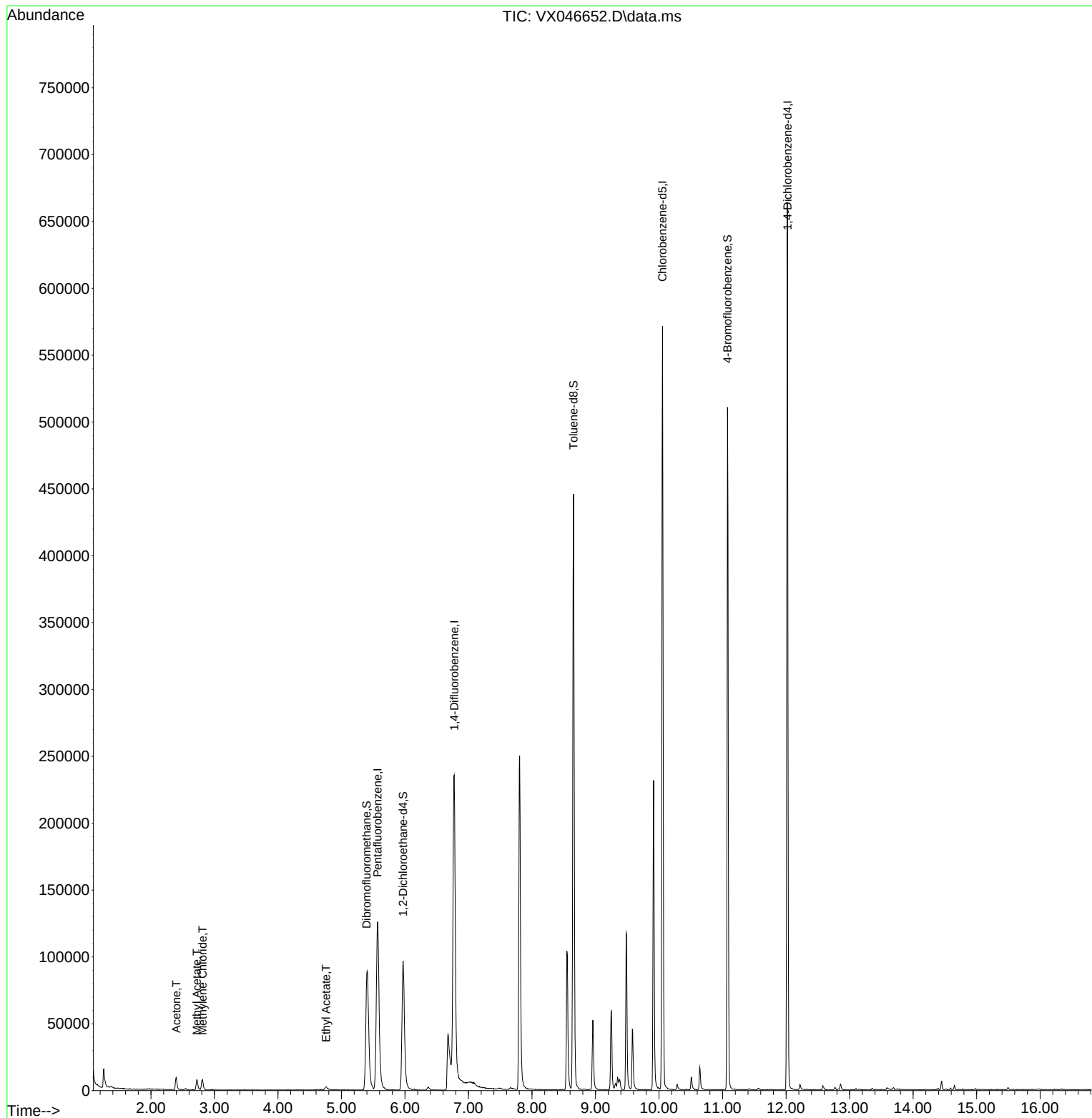
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046652.D
Acq On : 11 Jun 2025 20:48
Operator : JC/MD
Sample : Q2280-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

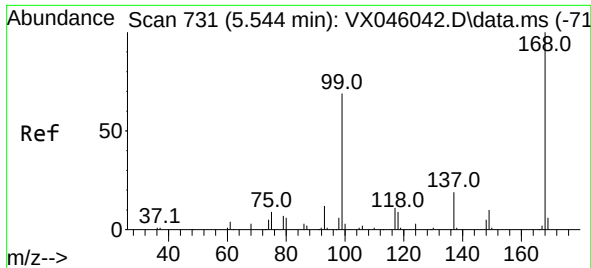
Instrument :
MSVOA_X
ClientSampleId :
RT-4643

Quant Time: Jun 12 02:42:08 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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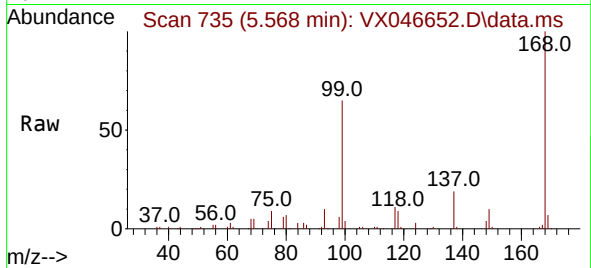
Reviewed By : John Carlone 06/12/2025
Supervised By : Mahesh Dadoda 06/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046652.D
Acq: 11 Jun 2025 20:48

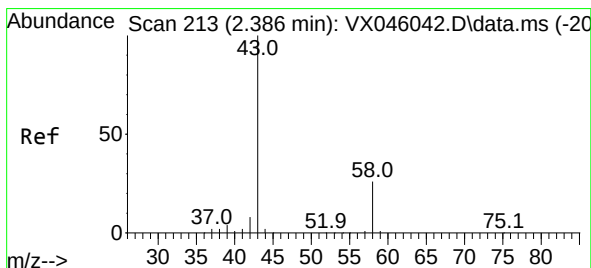
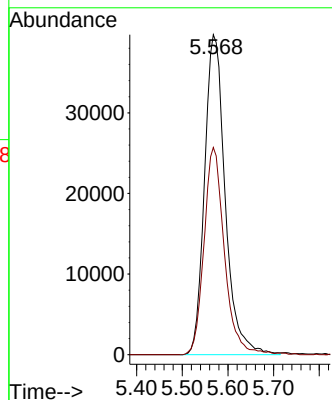
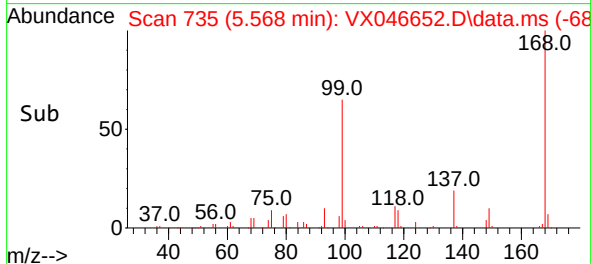
Instrument :
MSVOA_X
ClientSampleId :
RT-4643



Tgt Ion:168 Resp: 124568
Ion Ratio Lower Upper
168 100
99 64.7 54.9 82.3

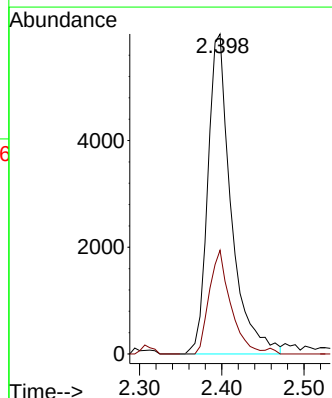
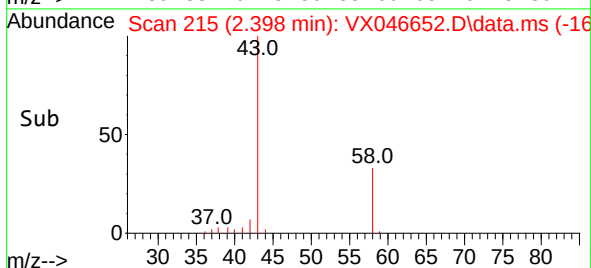
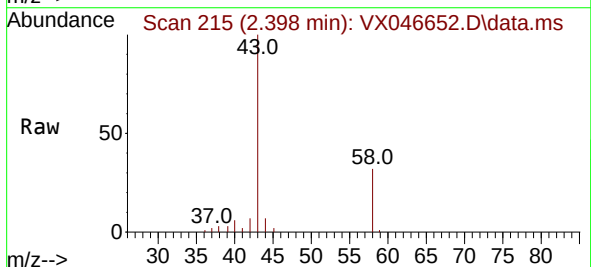
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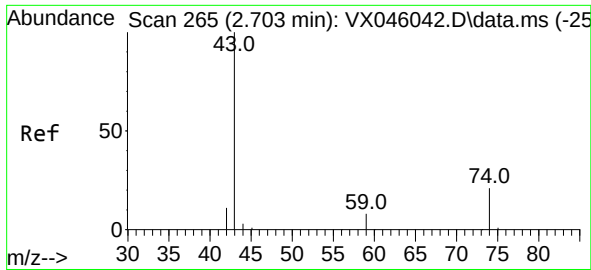
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#16
Acetone
Concen: 17.890 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046652.D
Acq: 11 Jun 2025 20:48

Tgt Ion: 43 Resp: 11787
Ion Ratio Lower Upper
43 100
58 32.4 21.2 31.8#





#18

Methyl Acetate

Concen: 3.887 ug/l

RT: 2.721 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX046652.D

Acq: 11 Jun 2025 20:48

Instrument :

MSVOA_X

ClientSampleId :

RT-4643

Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

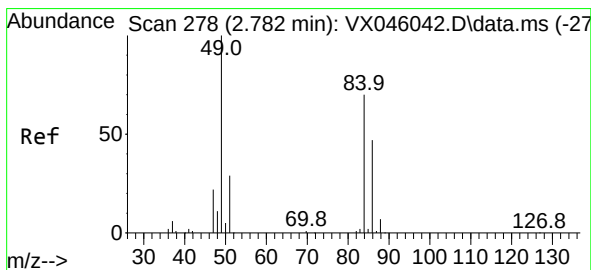
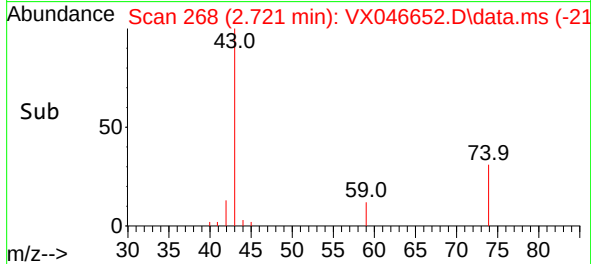
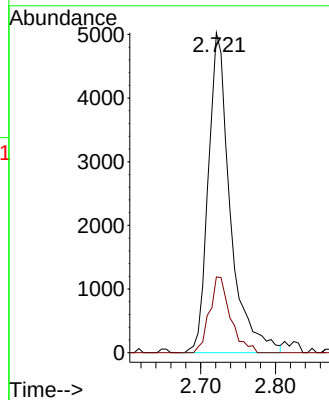
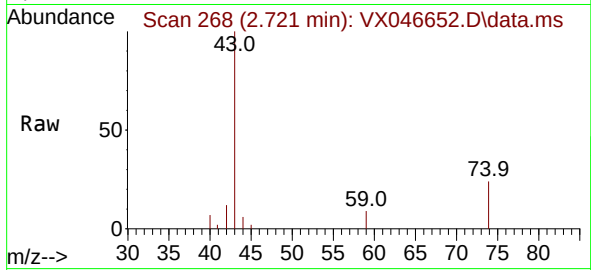
74 22.5 16.7 25.1

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#20

Methylene Chloride

Concen: 2.253 ug/l

RT: 2.812 min Scan# 283

Delta R.T. 0.006 min

Lab File: VX046652.D

Acq: 11 Jun 2025 20:48

Tgt Ion: 84 Resp: 4006

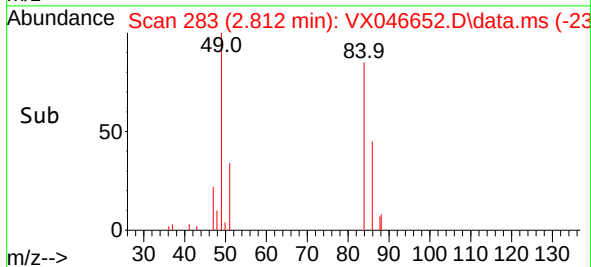
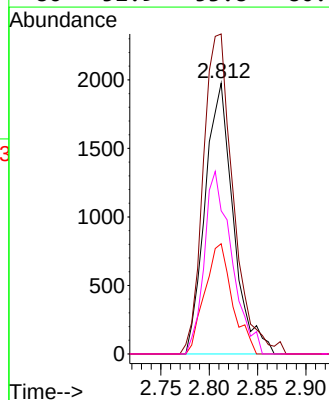
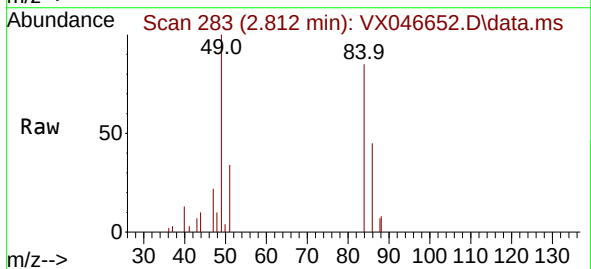
Ion Ratio Lower Upper

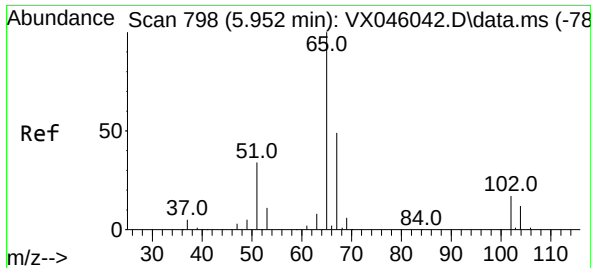
84 100

49 118.2 113.9 170.9

51 40.7 33.5 50.3

86 52.9 53.8 80.8#





#33

1,2-Dichloroethane-d4

Concen: 45.399 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046652.D

Acq: 11 Jun 2025 20:48

Instrument :

MSVOA_X

ClientSampleId :

RT-4643

Tgt Ion: 65 Resp: 100614

Ion Ratio Lower Upper

65 100

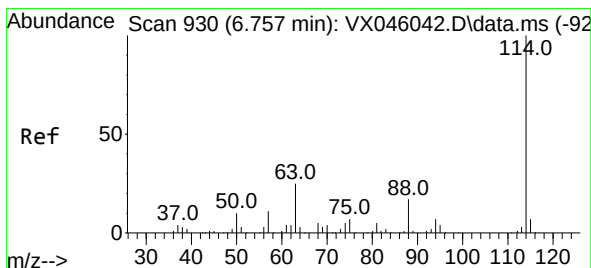
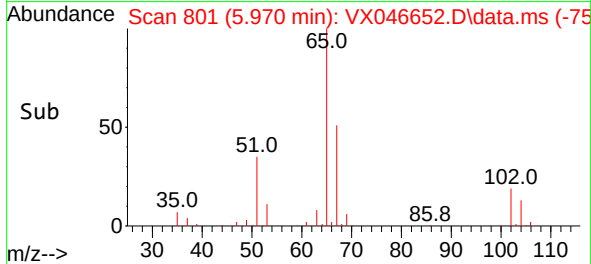
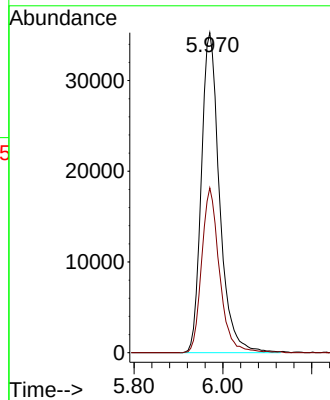
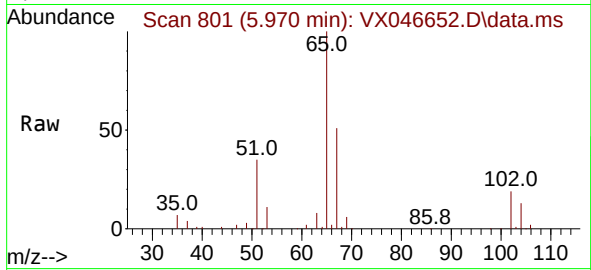
67 50.3 0.0 99.0

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: VX046652.D

Acq: 11 Jun 2025 20:48

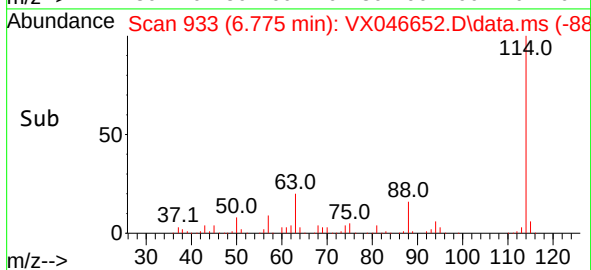
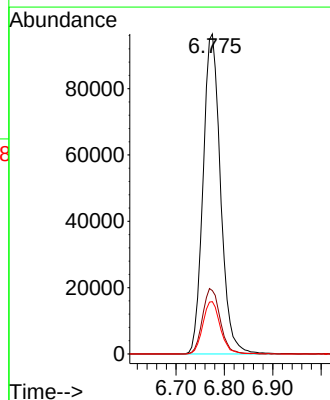
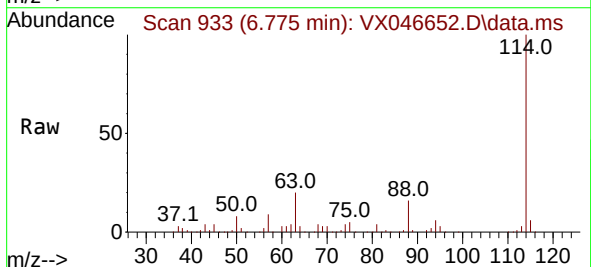
Tgt Ion:114 Resp: 241991

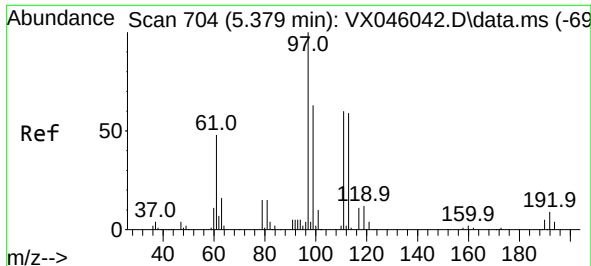
Ion Ratio Lower Upper

114 100

63 19.8 0.0 49.2

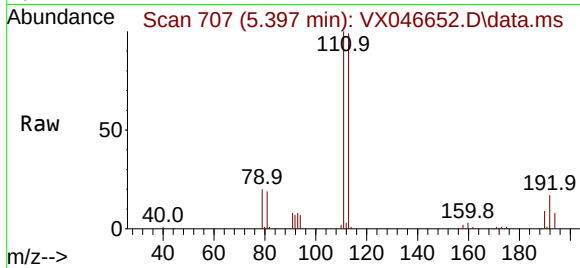
88 16.3 0.0 33.6





#35
Dibromofluoromethane
Concen: 48.413 ug/l
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046652.D
Acq: 11 Jun 2025 20:48

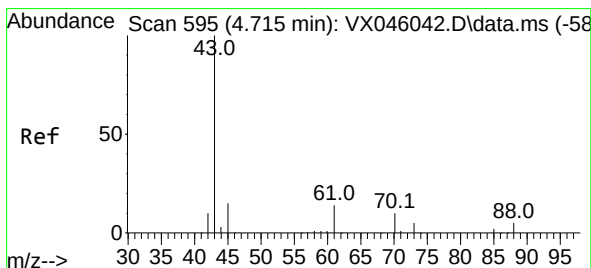
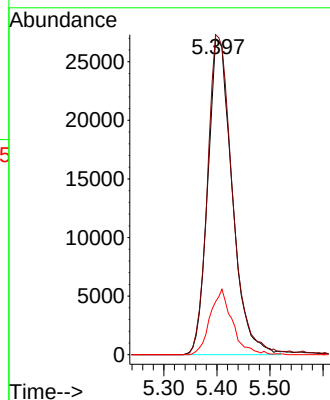
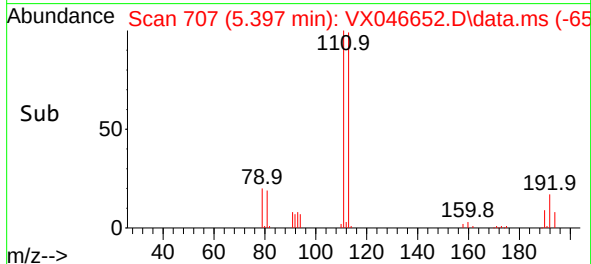
Instrument :
MSVOA_X
ClientSampleId :
RT-4643



Tgt Ion: 113 Resp: 8615
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 18.9 13.3 19.9

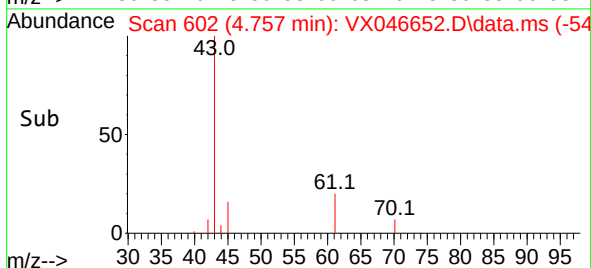
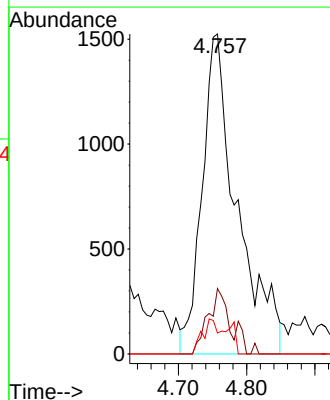
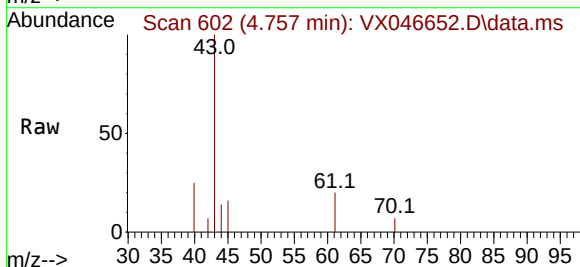
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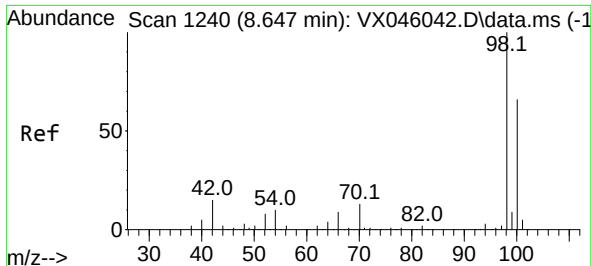
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#37
Ethyl Acetate
Concen: 2.187 ug/l m
RT: 4.757 min Scan# 602
Delta R.T. 0.024 min
Lab File: VX046652.D
Acq: 11 Jun 2025 20:48

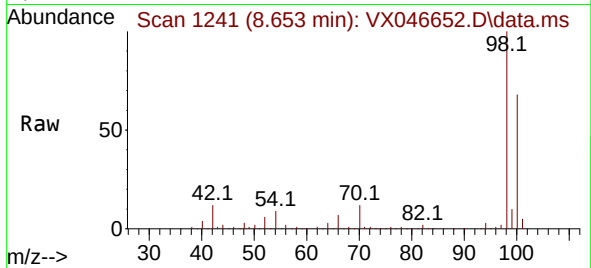
Tgt Ion: 43 Resp: 5427
Ion Ratio Lower Upper
43 100
61 11.2 10.3 15.5
70 6.0 7.9 11.9#





#50
Toluene-d8
Concen: 44.980 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046652.D
Acq: 11 Jun 2025 20:48

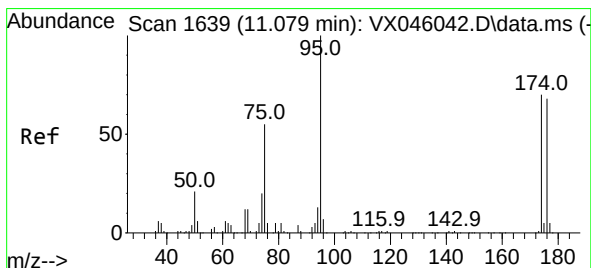
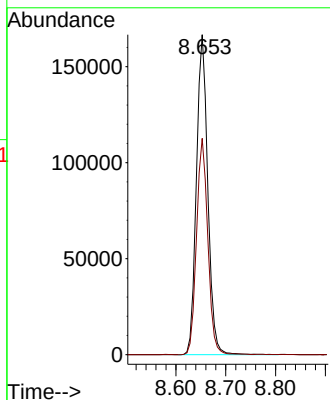
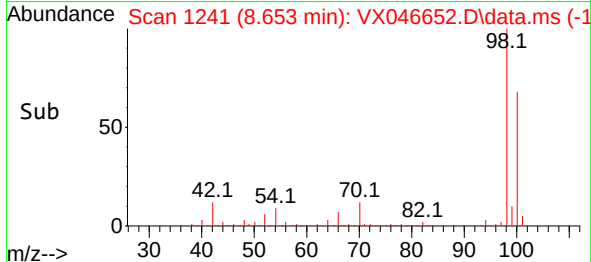
Instrument :
MSVOA_X
ClientSampleId :
RT-4643



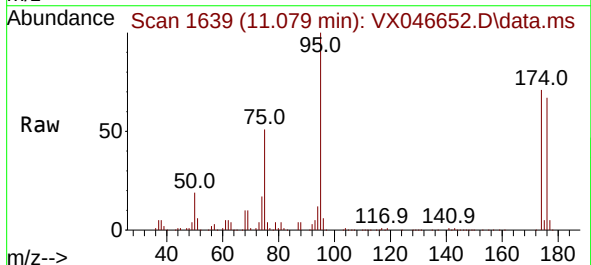
Tgt Ion: 98 Resp: 263900
Ion Ratio Lower Upper
98 100
100 67.2 53.5 80.3

Manual Integrations
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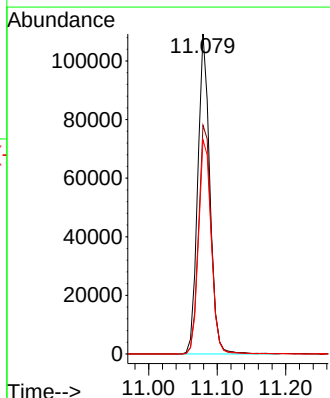
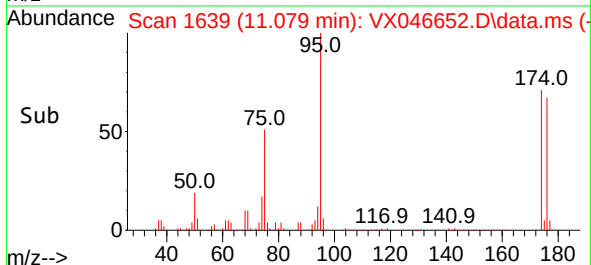
Reviewed By :John Carlone 06/12/2025
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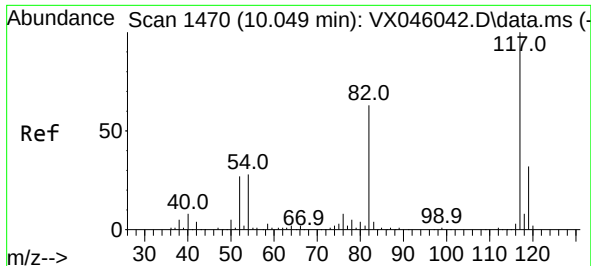


#62
4-Bromofluorobenzene
Concen: 55.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046652.D
Acq: 11 Jun 2025 20:48



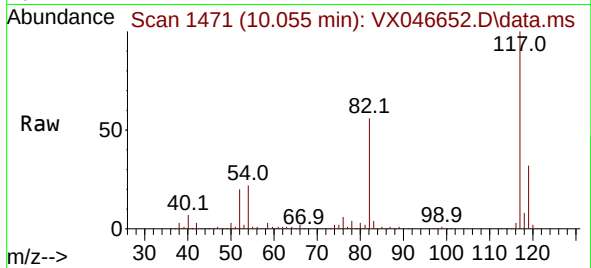
Tgt Ion: 95 Resp: 134061
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.8
176 70.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046652.D
Acq: 11 Jun 2025 20:48

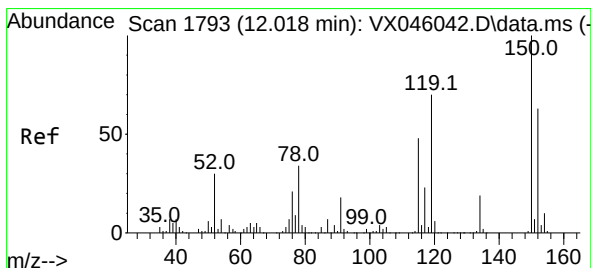
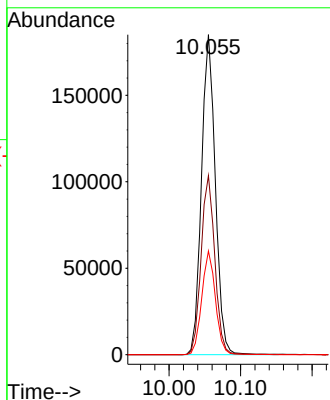
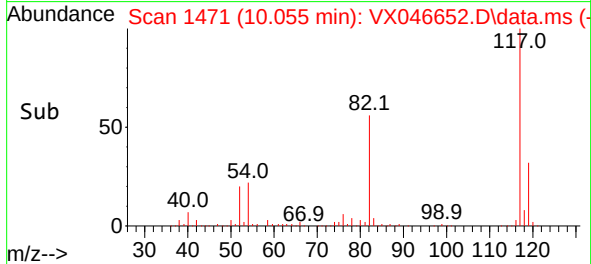
Instrument :
MSVOA_X
ClientSampleId :
RT-4643



Tgt Ion:117 Resp: 248938
Ion Ratio Lower Upper
117 100
82 55.9 50.6 76.0
119 32.4 25.8 38.6

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046652.D
Acq: 11 Jun 2025 20:48

Tgt Ion:152 Resp: 135454
Ion Ratio Lower Upper
152 100
115 60.8 46.9 140.7
150 156.3 0.0 351.0

