

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046551.D
 Acq On : 07 Jun 2025 03:05
 Operator : JC/MD
 Sample : PB168272TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168272TB

Quant Time: Jun 07 04:29:23 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	116586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	229837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	120663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99800	48.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.240%		
35) Dibromofluoromethane	5.403	113	76647	45.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.700%		
50) Toluene-d8	8.653	98	291261	52.268	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.540%		
62) 4-Bromofluorobenzene	11.079	95	131043	56.838	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.680%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	20814	29.679	ug/l	97
18) Methyl Acetate	2.721	43	12157	4.921	ug/l	99
20) Methylene Chloride	2.812	84	3981	2.392	ug/l	92
37) Ethyl Acetate	4.745	43	6544m	2.777	ug/l	
43) Isopropyl Acetate	6.367	43	6086	1.482	ug/l #	95

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

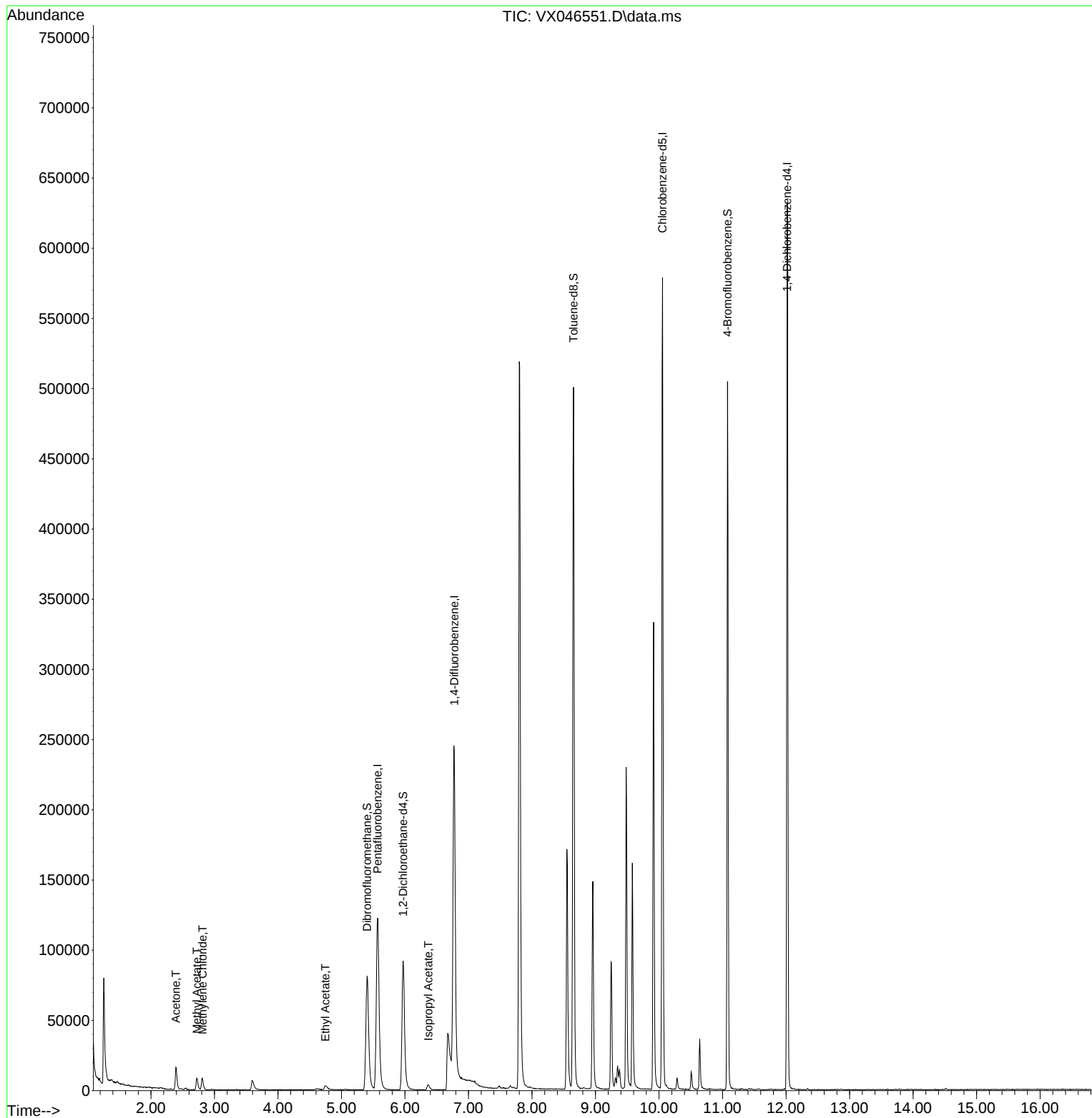
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046551.D
Acq On : 07 Jun 2025 03:05
Operator : JC/MD
Sample : PB168272TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

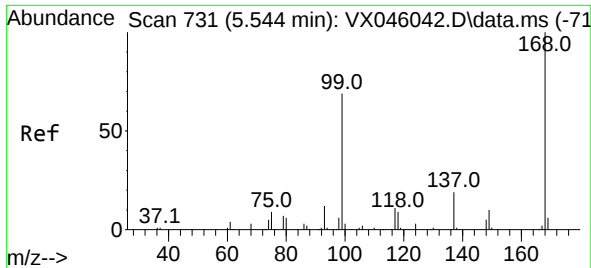
Instrument :
MSVOA_X
ClientSampleId :
PB168272TB

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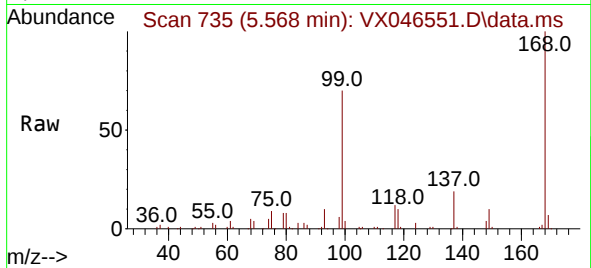
Quant Time: Jun 07 04:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05

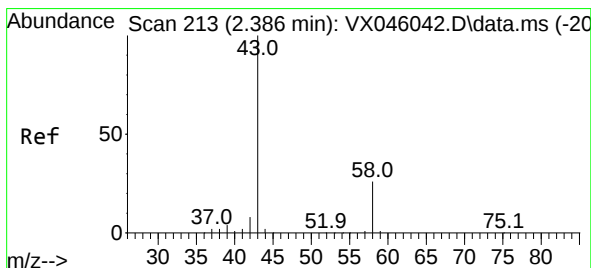
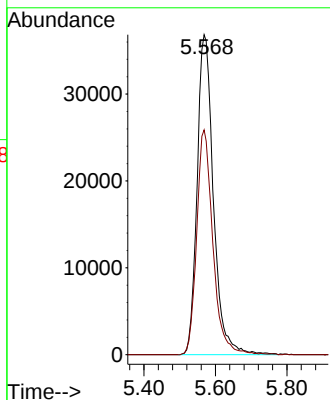
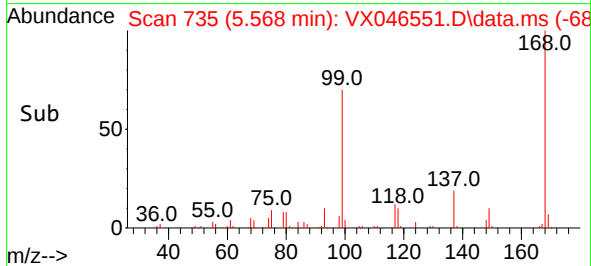
Instrument :
MSVOA_X
ClientSampleId :
PB168272TB



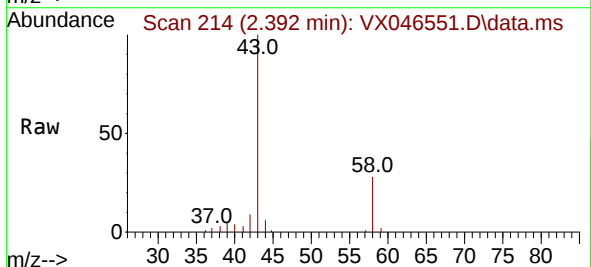
Tgt Ion:168 Resp: 116580
Ion Ratio Lower Upper
168 100
99 70.2 54.9 82.3

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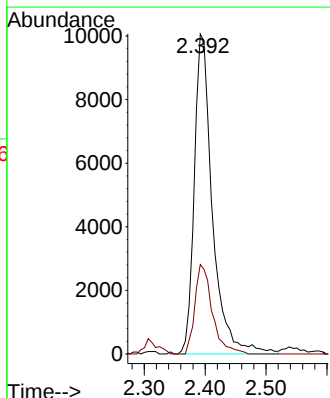
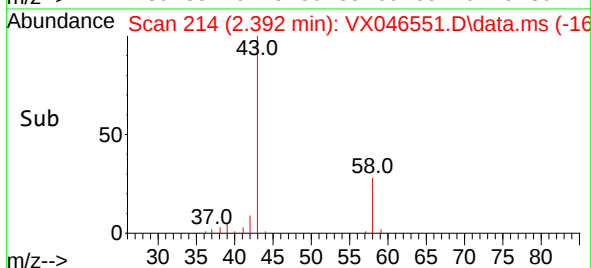
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

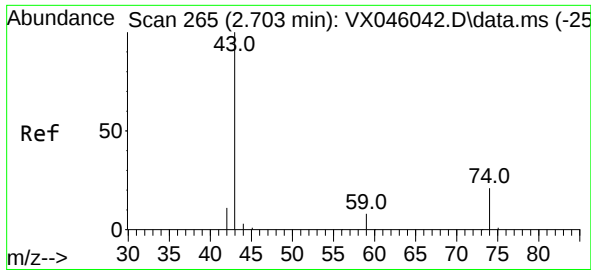


#16
Acetone
Concen: 29.679 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05



Tgt Ion: 43 Resp: 20814
Ion Ratio Lower Upper
43 100
58 28.0 21.2 31.8





#18

Methyl Acetate

Concen: 4.921 ug/l

RT: 2.721 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX046551.D

Acq: 07 Jun 2025 03:05

Instrument :

MSVOA_X

ClientSampleId :

PB168272TB

Tgt Ion: 43 Resp: 1215

Ion Ratio Lower Upper

43 100

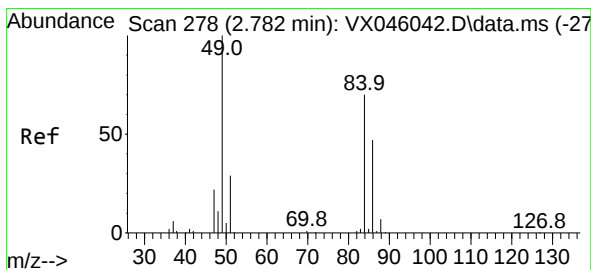
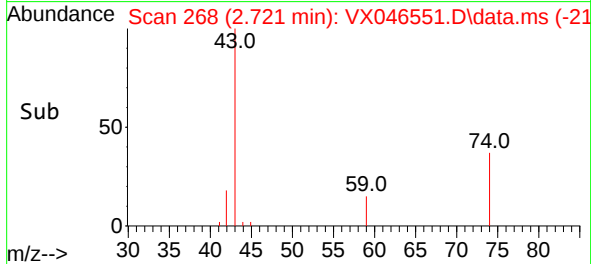
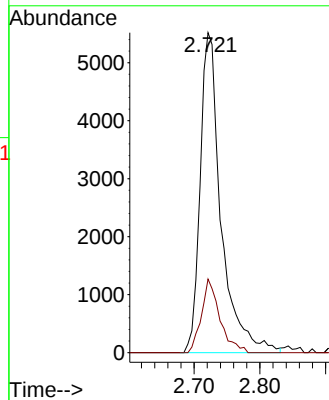
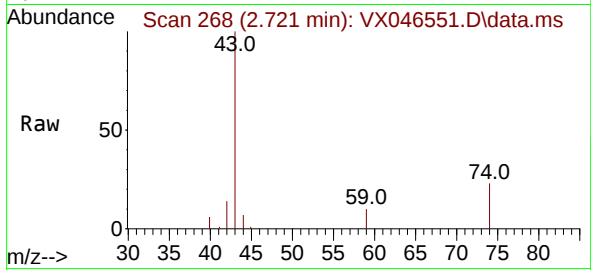
74 20.3 16.7 25.1

Manual Integrations

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#20

Methylene Chloride

Concen: 2.392 ug/l

RT: 2.812 min Scan# 283

Delta R.T. 0.006 min

Lab File: VX046551.D

Acq: 07 Jun 2025 03:05

Tgt Ion: 84 Resp: 3981

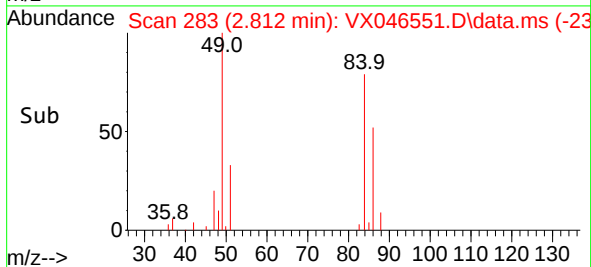
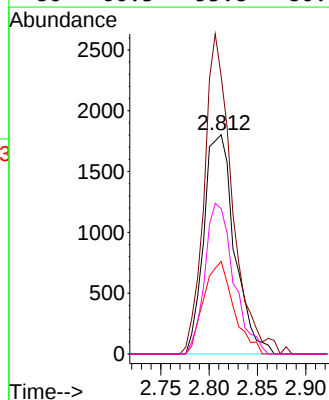
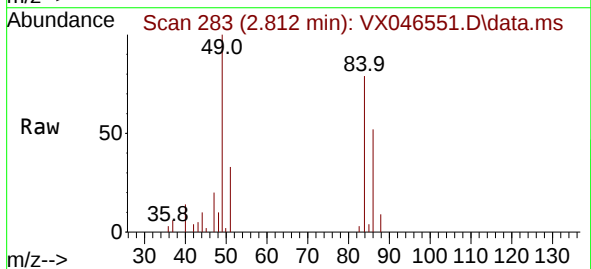
Ion Ratio Lower Upper

84 100

49 126.7 113.9 170.9

51 42.2 33.5 50.3

86 66.3 53.8 80.8





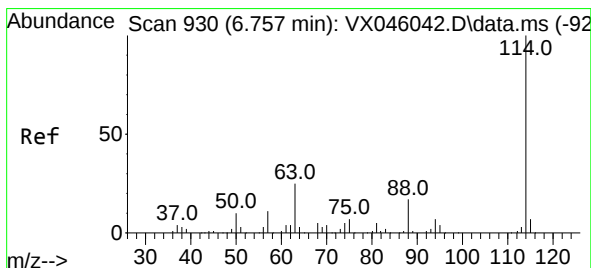
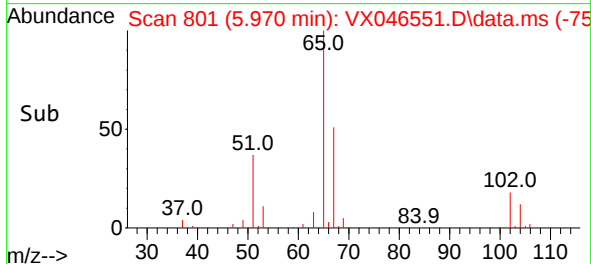
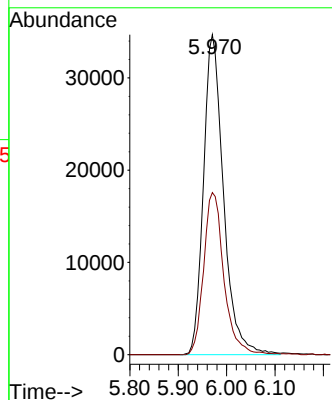
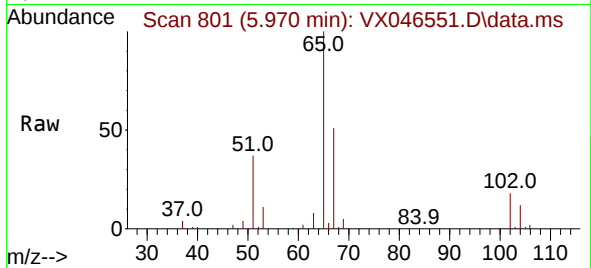
#33
1,2-Dichloroethane-d4
Concen: 48.115 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05

Instrument :
MSVOA_X
ClientSampleId :
PB168272TB

Tgt Ion: 65 Resp: 99800
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.0

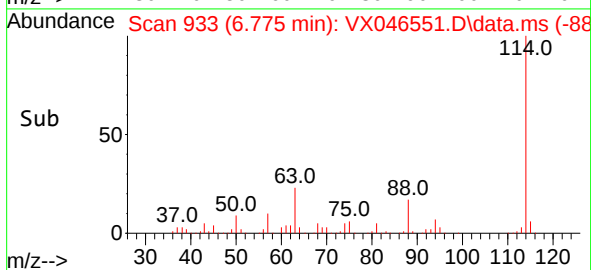
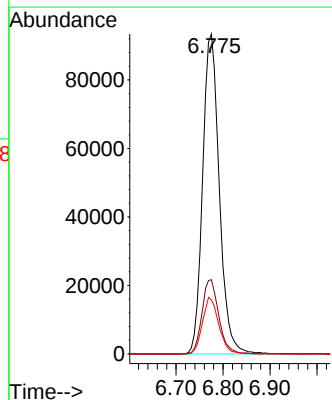
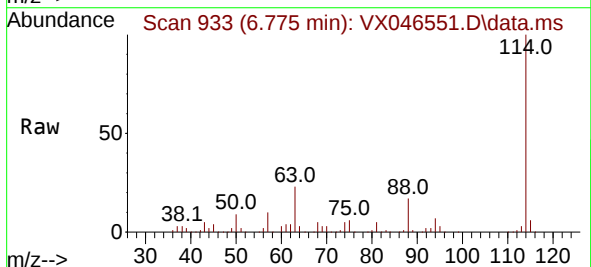
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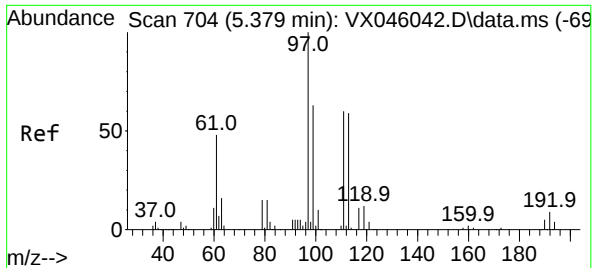
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05

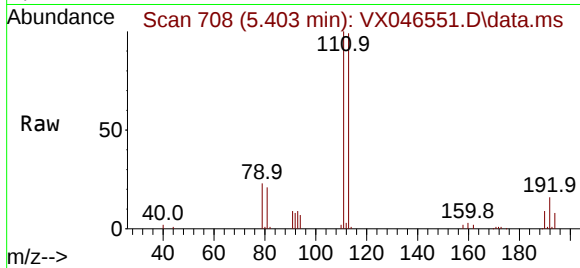
Tgt Ion:114 Resp: 229837
Ion Ratio Lower Upper
114 100
63 23.2 0.0 49.2
88 16.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 45.348 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05

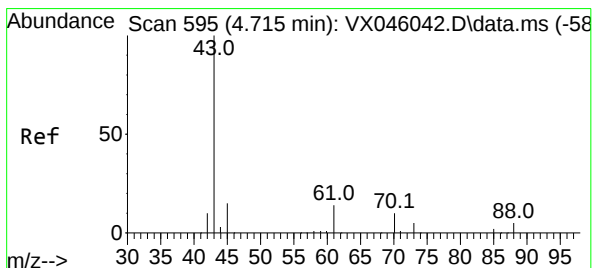
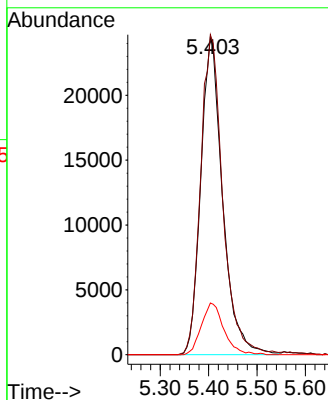
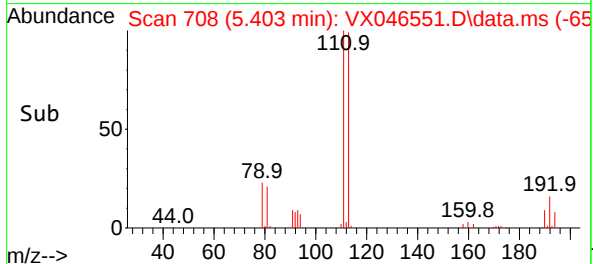
Instrument :
MSVOA_X
ClientSampleId :
PB168272TB



Tgt Ion: 113 Resp: 7664
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.8 13.3 19.9

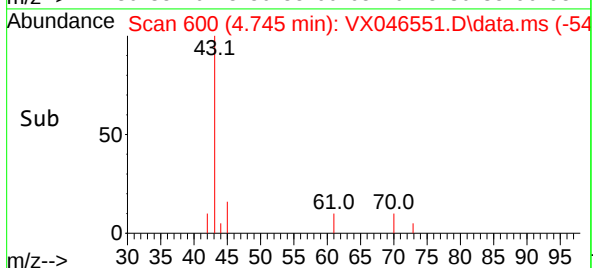
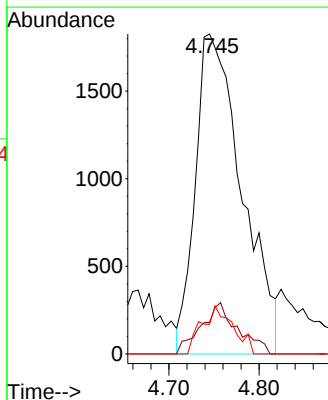
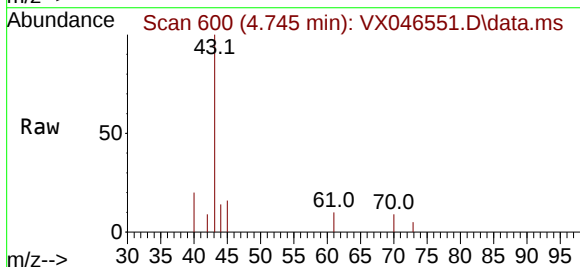
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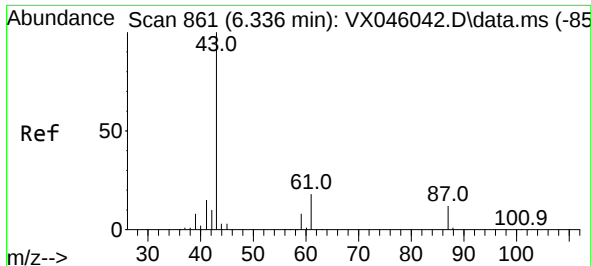
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#37
Ethyl Acetate
Concen: 2.777 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05

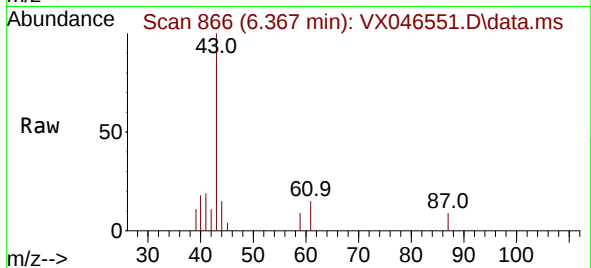
Tgt Ion: 43 Resp: 6544
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 10.1 7.9 11.9





#43
Isopropyl Acetate
Concen: 1.482 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05

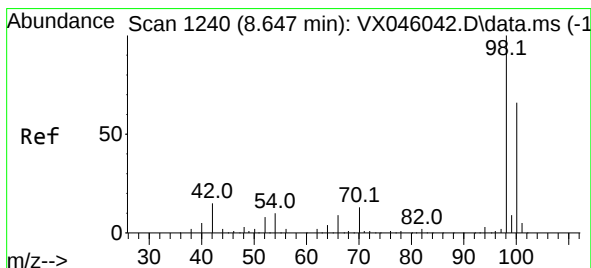
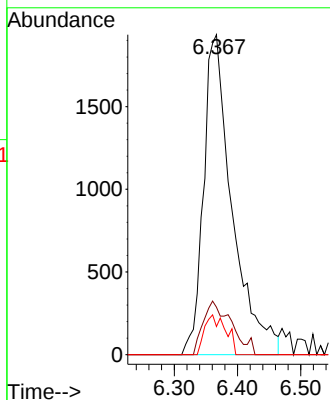
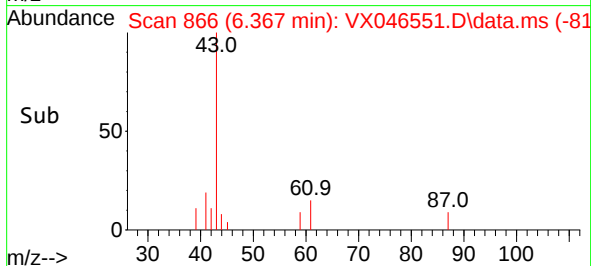
Instrument :
MSVOA_X
ClientSampleId :
PB168272TB



Tgt Ion: 43 Resp: 6080
Ion Ratio Lower Upper
43 100
61 16.5 14.3 21.5
87 9.2 9.5 14.3

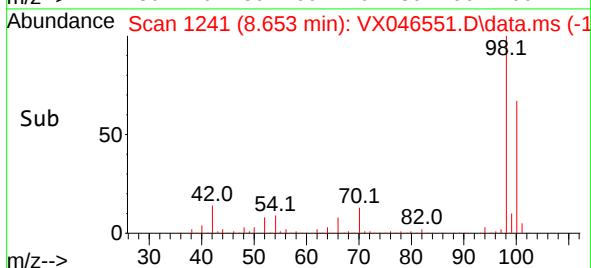
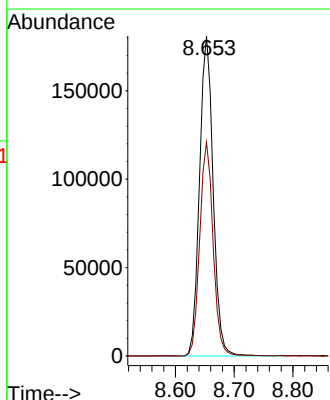
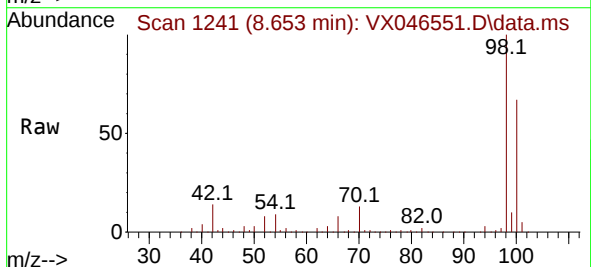
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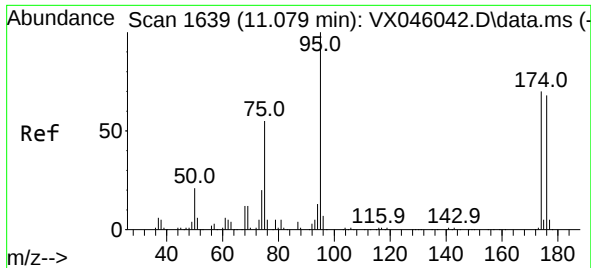
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#50
Toluene-d8
Concen: 52.268 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05

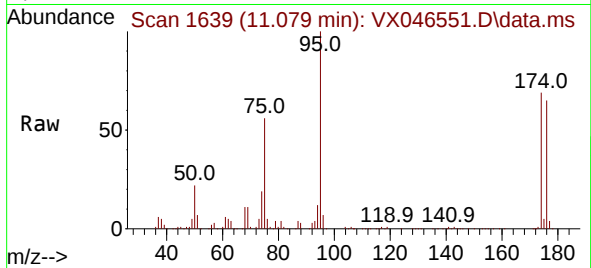
Tgt Ion: 98 Resp: 291261
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 56.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05

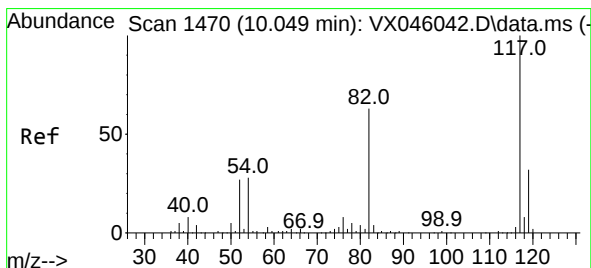
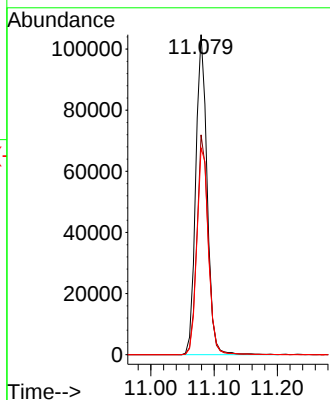
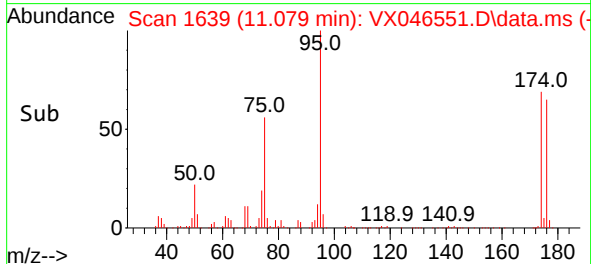
Instrument :
MSVOA_X
ClientSampleId :
PB168272TB



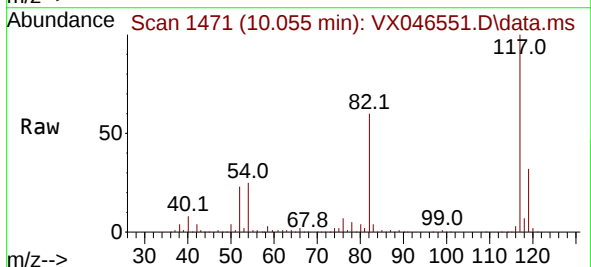
Tgt Ion: 95 Resp: 13104
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 66.3 0.0 131.4

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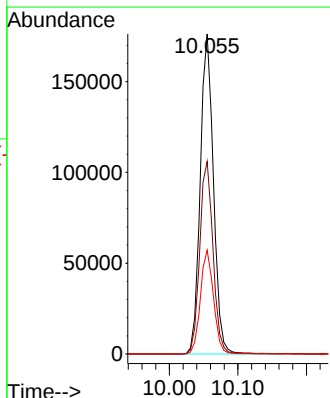
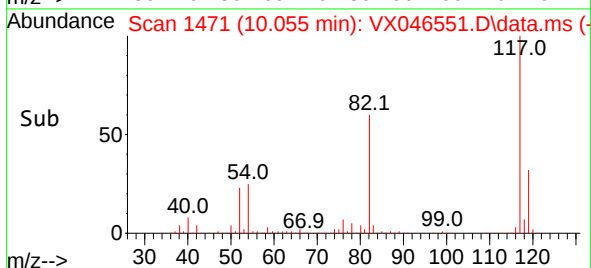
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

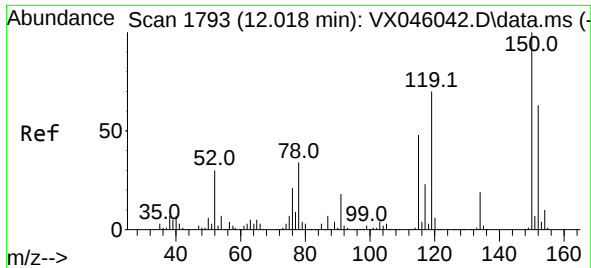


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046551.D
Acq: 07 Jun 2025 03:05



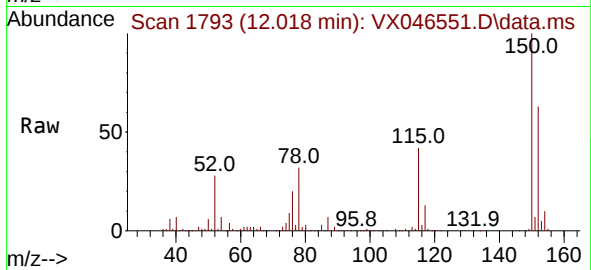
Tgt Ion:117 Resp: 236535
Ion Ratio Lower Upper
117 100
82 60.2 50.6 76.0
119 32.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046551.D
 Acq: 07 Jun 2025 03:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168272TB



Tgt Ion:152 Resp: 120663
 Ion Ratio Lower Upper
 152 100
 115 65.2 46.9 140.7
 150 158.1 0.0 351.0

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