

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047393.D
 Acq On : 18 Aug 2025 19:10
 Operator : JC/MD
 Sample : PB169277TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169277TB

Quant Time: Aug 19 01:48:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2025
 Supervised By : Mahesh Dadoda 08/20/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	205344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	412961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	209669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	164720	57.317	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.640%			
35) Dibromofluoromethane	5.403	113	136032	50.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.653	98	487845	50.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.079	95	199077	56.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.640%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	47202	43.696	ug/l	94
18) Methyl Acetate	2.721	43	28082	10.032	ug/l	95
20) Methylene Chloride	2.806	84	27334	9.556	ug/l	94
25) 2-Butanone	4.605	43	8506m	6.012	ug/l	
37) Ethyl Acetate	4.745	43	13021	2.965	ug/l	98
43) Isopropyl Acetate	6.361	43	10338	1.638	ug/l #	83

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

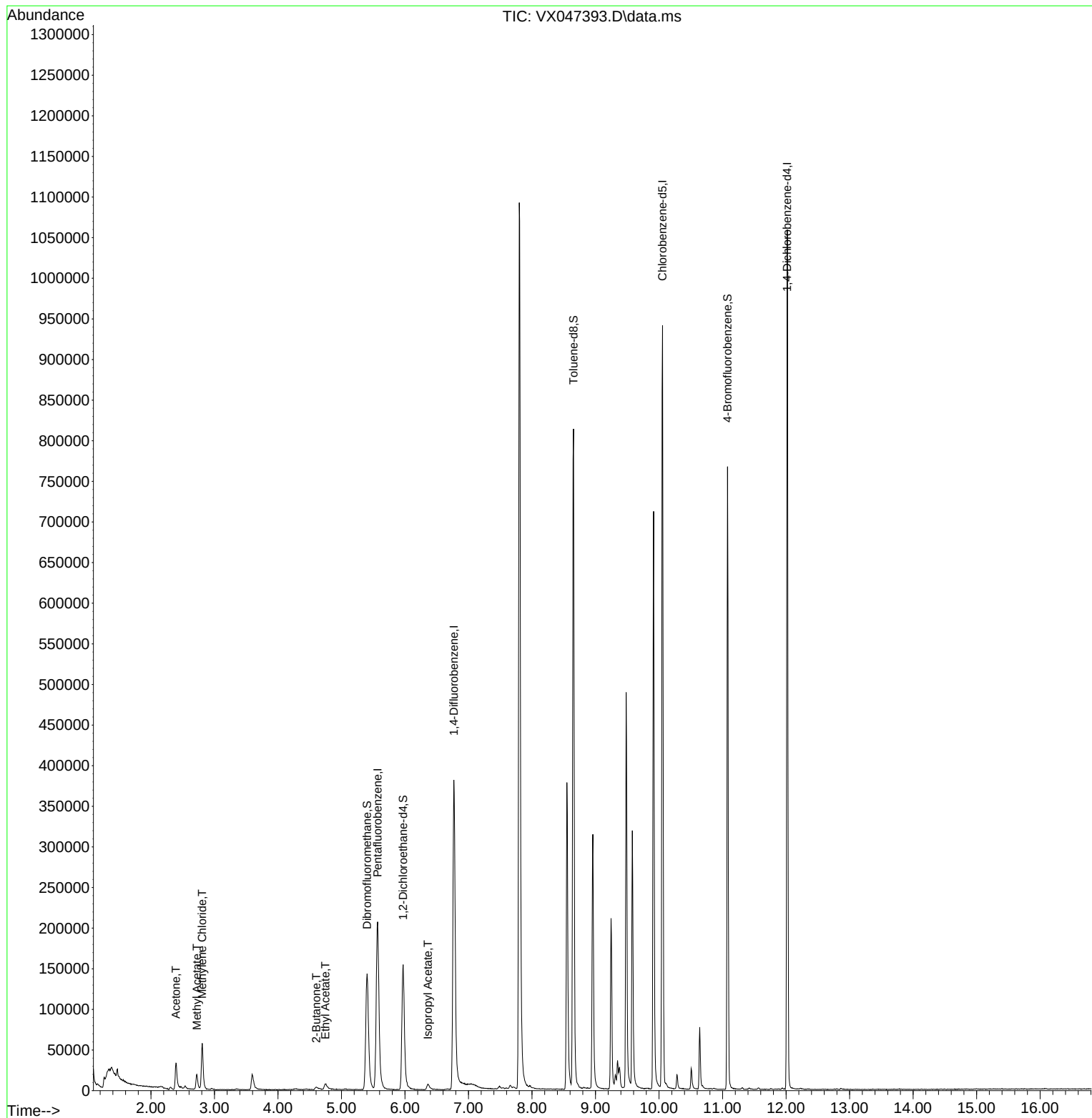
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047393.D
Acq On : 18 Aug 2025 19:10
Operator : JC/MD
Sample : PB169277TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

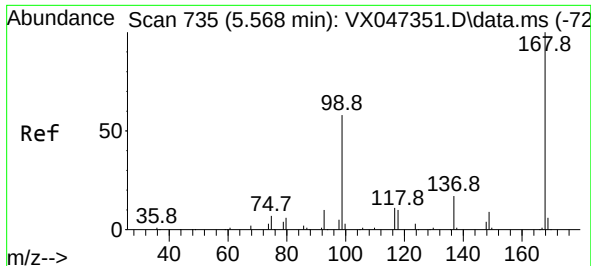
Instrument :
MSVOA_X
ClientSampleId :
PB169277TB

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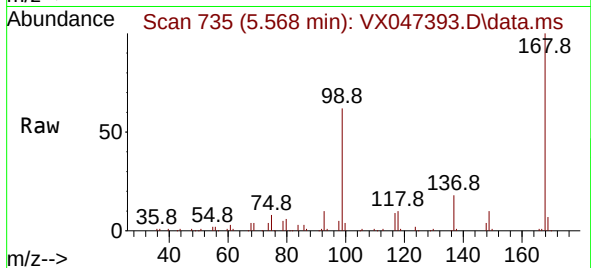
Quant Time: Aug 19 01:48:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

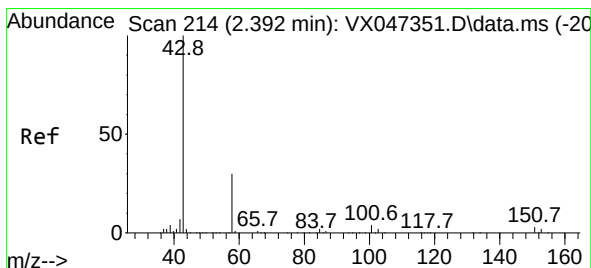
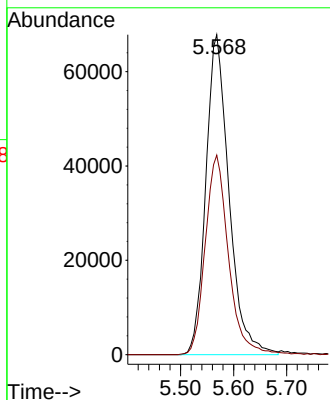
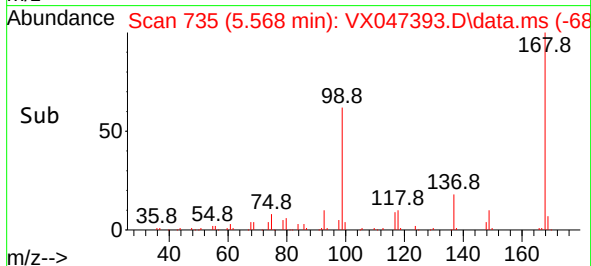
Instrument :
MSVOA_X
ClientSampleId :
PB169277TB



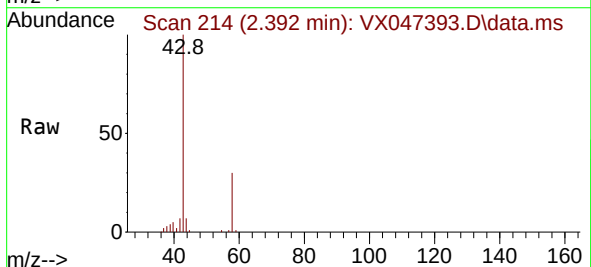
Tgt Ion:168 Resp: 205344
Ion Ratio Lower Upper
168 100
99 62.4 47.9 71.9

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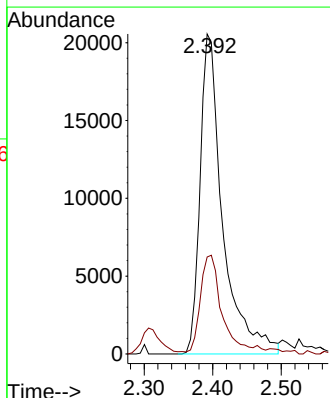
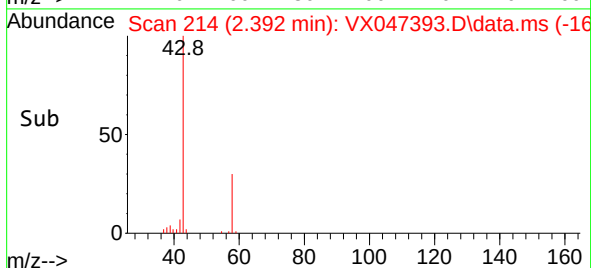
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

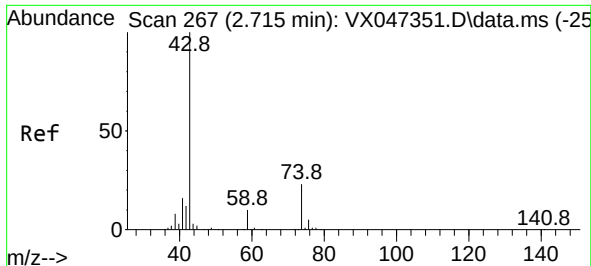


#16
Acetone
Concen: 43.696 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10



Tgt Ion: 43 Resp: 47202
Ion Ratio Lower Upper
43 100
58 27.8 24.8 37.2





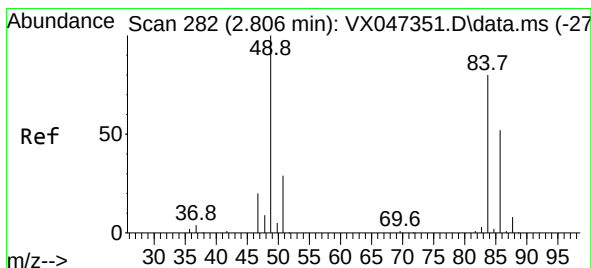
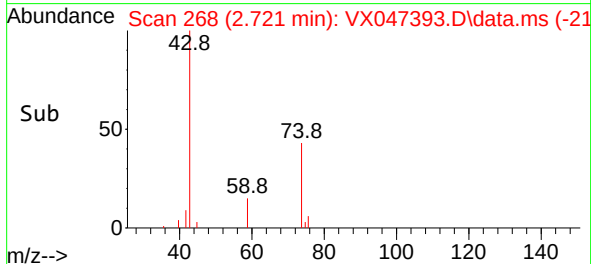
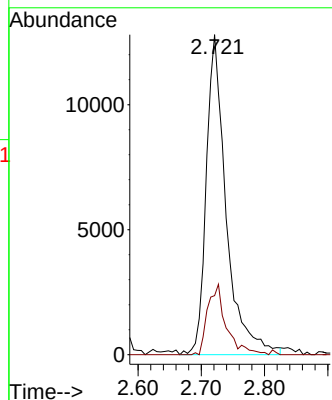
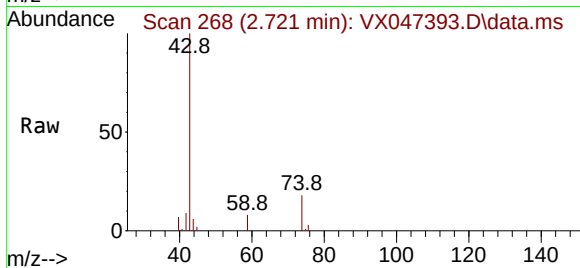
#18
Methyl Acetate
Concen: 10.032 ug/l
RT: 2.721 min Scan# 208
Delta R.T. 0.006 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
PB169277TB

Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
74 20.5 18.4 27.6

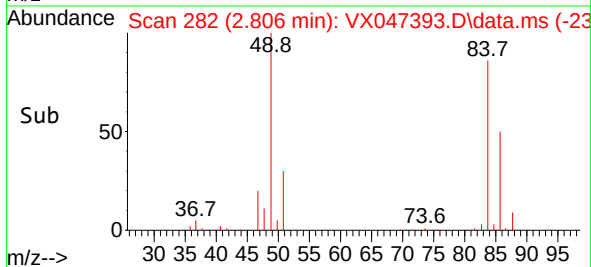
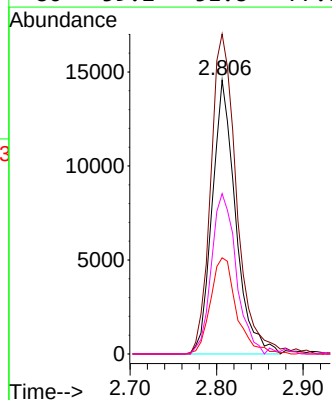
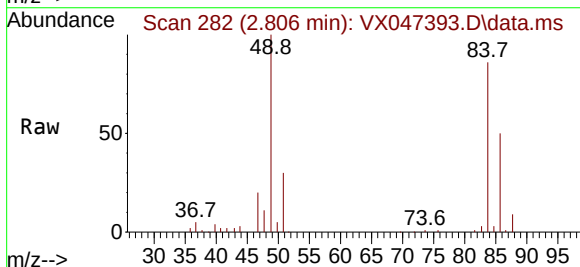
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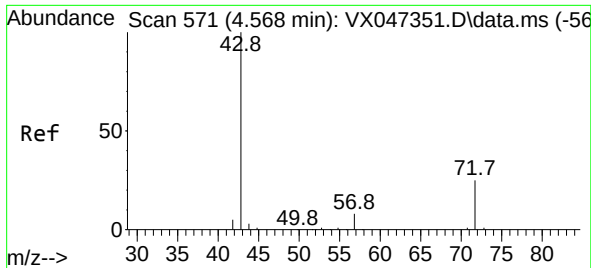
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 9.556 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

Tgt Ion: 84 Resp: 27334
Ion Ratio Lower Upper
84 100
49 116.9 100.1 150.1
51 35.5 29.5 44.3
86 59.2 51.8 77.8





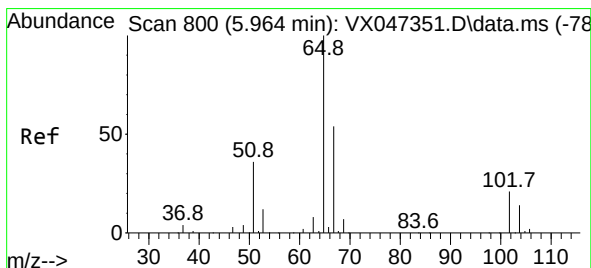
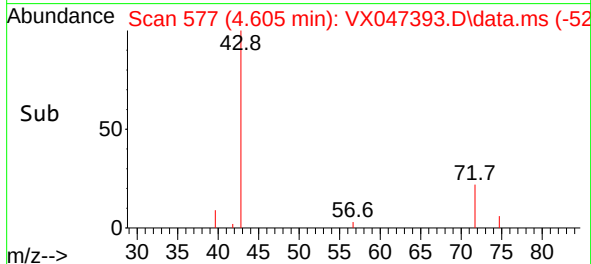
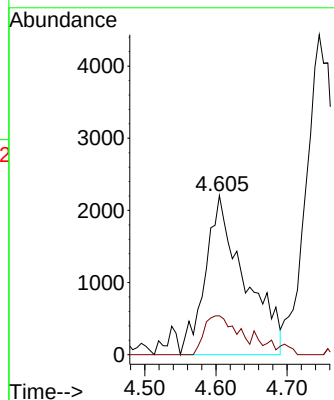
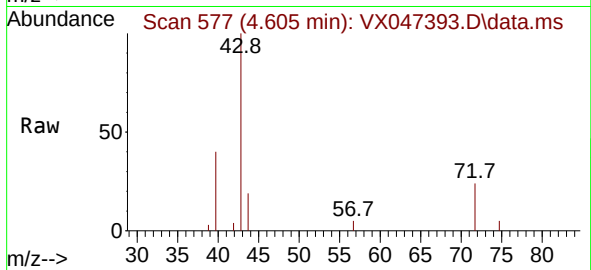
#25
2-Butanone
Concen: 6.012 ug/l m
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
PB169277TB

Tgt Ion: 43 Resp: 8500
Ion Ratio Lower Upper
43 100
72 24.5 19.8 29.8

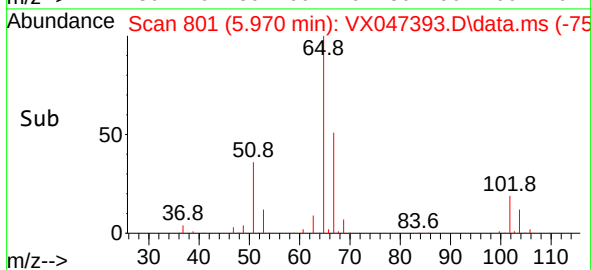
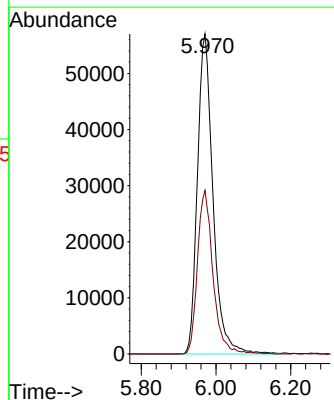
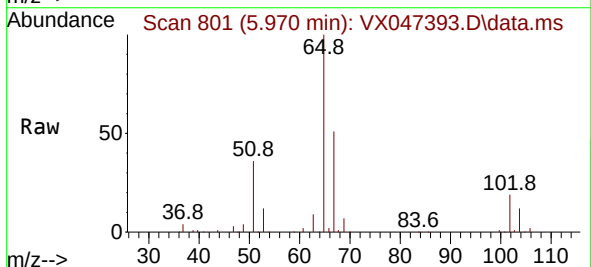
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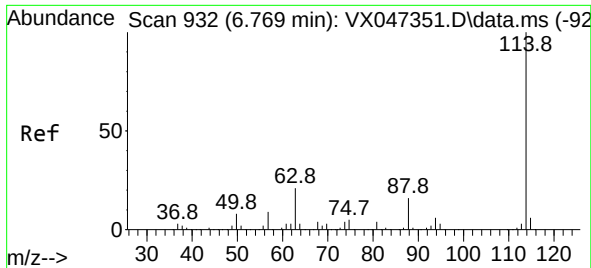
Reviewed By :John Carlone 08/19/2025
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#33
1,2-Dichloroethane-d4
Concen: 57.317 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

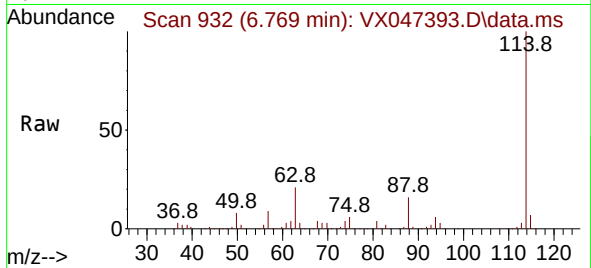
Tgt Ion: 65 Resp: 164720
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

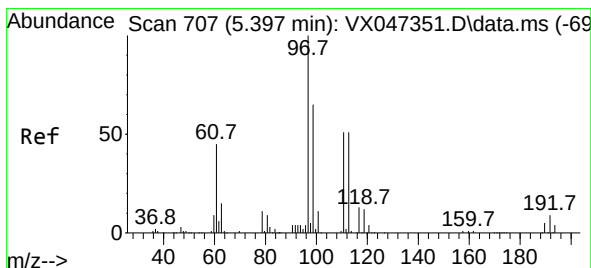
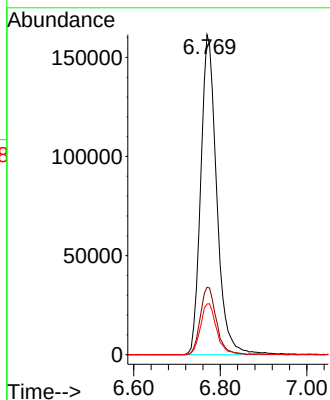
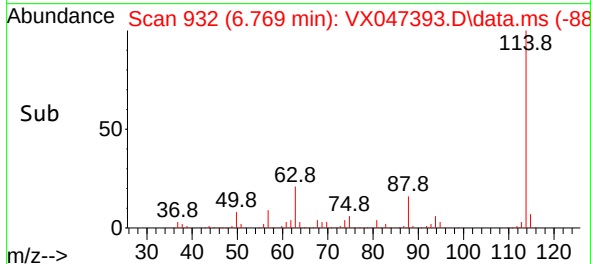
Instrument :
MSVOA_X
ClientSampleId :
PB169277TB



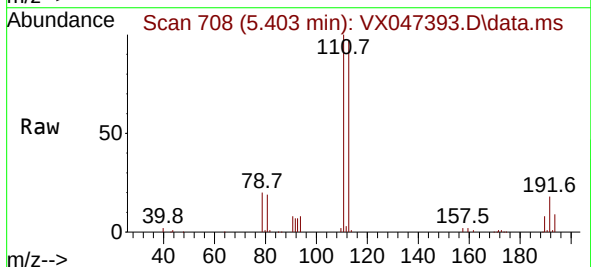
Tgt Ion:114 Resp: 41296
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.9 0.0 33.0

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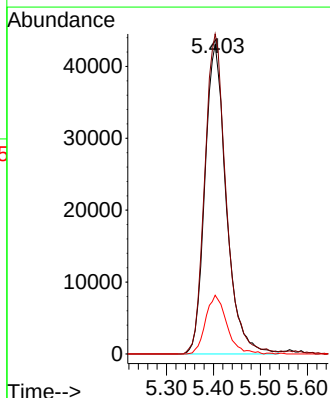
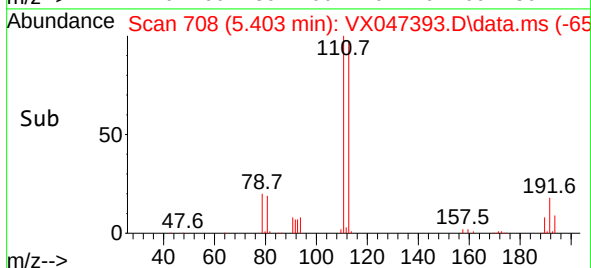
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

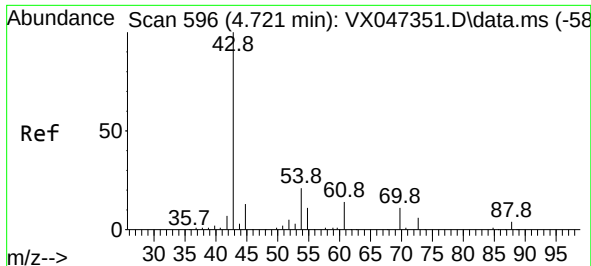


#35
Dibromofluoromethane
Concen: 50.755 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10



Tgt Ion:113 Resp: 136032
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.2
192 18.8 14.1 21.1





#37

Ethyl Acetate

Concen: 2.965 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.025 min

Lab File: VX047393.D

Acq: 18 Aug 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

PB169277TB

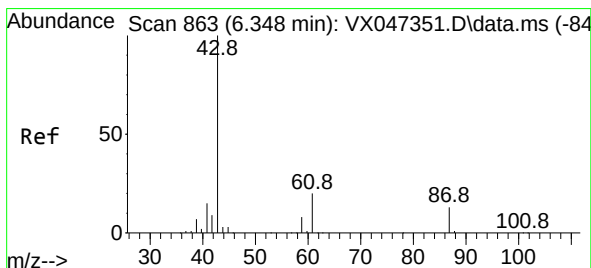
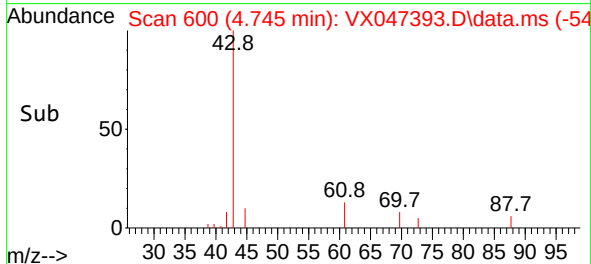
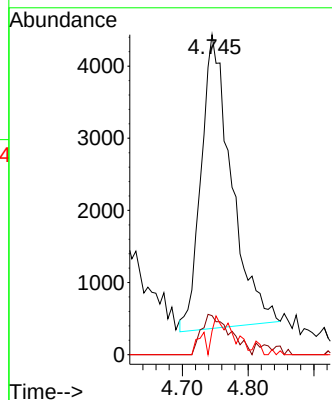
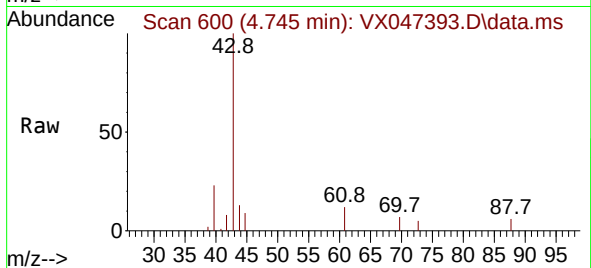
Tgt Ion: 43	Resp: 1302
Ion Ratio	Lower Upper
43	100
61	12.9 9.4 14.2
70	8.6 7.0 10.6

Manual Integrations

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#43

Isopropyl Acetate

Concen: 1.638 ug/l

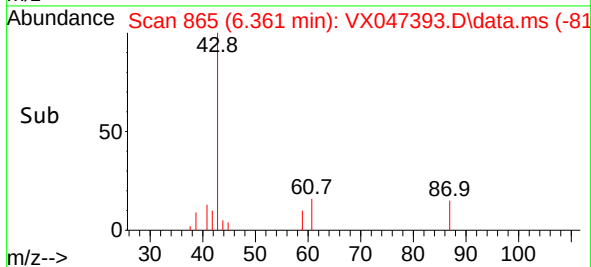
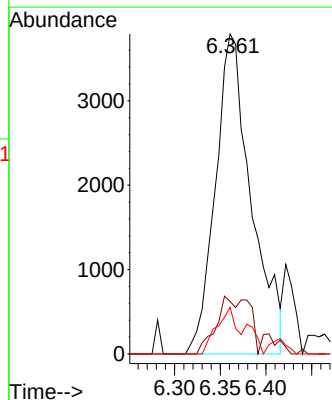
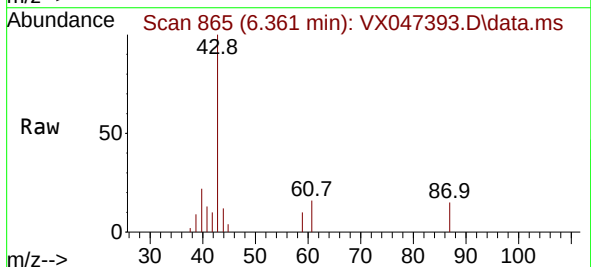
RT: 6.361 min Scan# 865

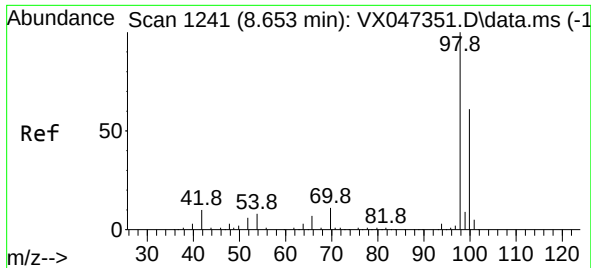
Delta R.T. 0.012 min

Lab File: VX047393.D

Acq: 18 Aug 2025 19:10

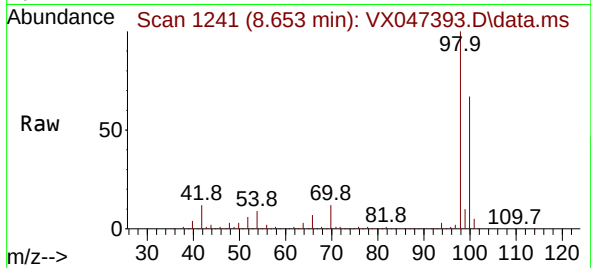
Tgt Ion: 43	Resp: 10338
Ion Ratio	Lower Upper
43	100
61	10.0 15.4 23.0#
87	8.2 10.2 15.4#





#50
Toluene-d8
Concen: 50.925 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

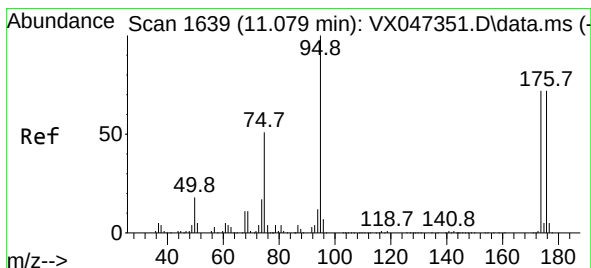
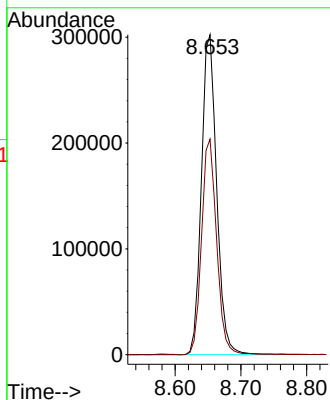
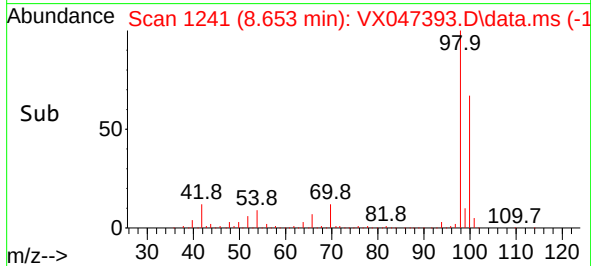
Instrument :
MSVOA_X
ClientSampleId :
PB169277TB



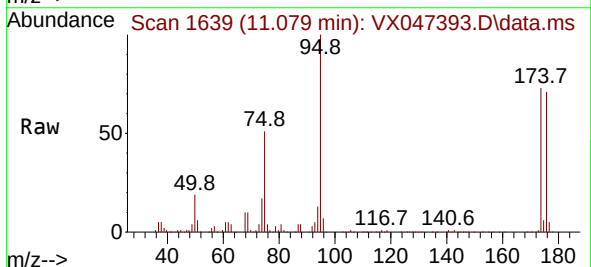
Tgt Ion: 98 Resp: 48784
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9

Manual Integrations
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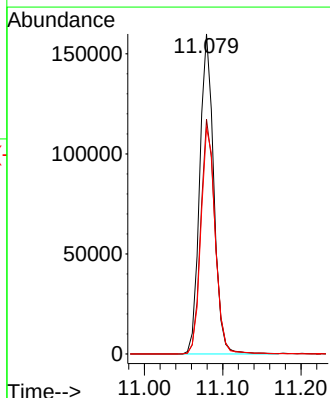
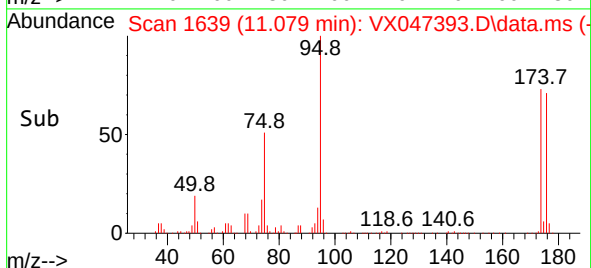
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

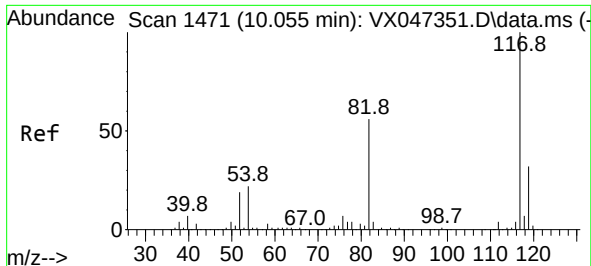


#62
4-Bromofluorobenzene
Concen: 56.315 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10



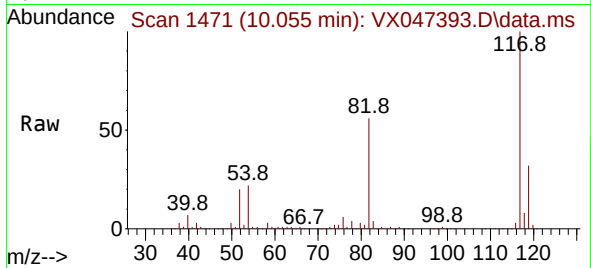
Tgt Ion: 95 Resp: 199077
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.0
176 72.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

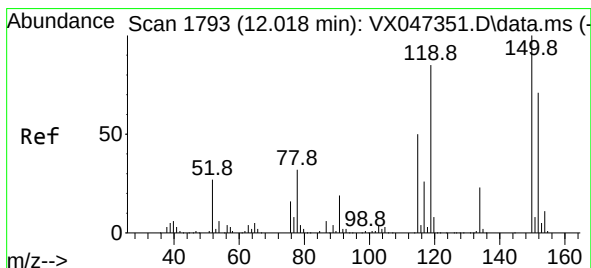
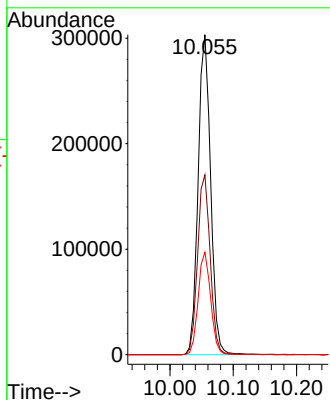
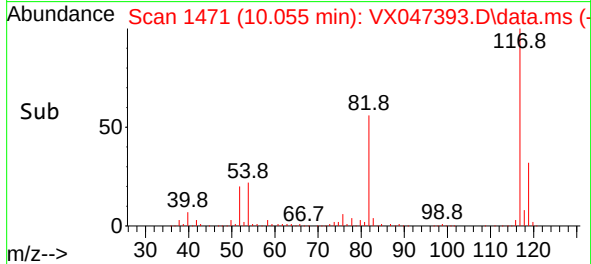
Instrument :
MSVOA_X
ClientSampleId :
PB169277TB



Tgt Ion:117 Resp: 41765
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.0 25.8 38.8

Manual Integrations
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Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047393.D
Acq: 18 Aug 2025 19:10

Tgt Ion:152 Resp: 209669
Ion Ratio Lower Upper
152 100
115 62.3 44.6 133.8
150 157.2 0.0 349.8

