

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048077.D
 Acq On : 09 Oct 2025 11:50
 Operator : JC/MD
 Sample : PB170028TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170028TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 10 01:19:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	152518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	316853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	328278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	132124	54.423	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.840%			
35) Dibromofluoromethane	5.379	113	106226	49.989	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	8.634	98	373107	50.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.061	95	158488	56.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.580%			
Target Compounds						Qvalue
16) Acetone	2.373	43	27175	25.744	ug/l	98
18) Methyl Acetate	2.703	43	9123	3.883	ug/l	99
20) Methylene Chloride	2.788	84	9654	4.321	ug/l	95
37) Ethyl Acetate	4.714	43	6132m	1.844	ug/l	
43) Isopropyl Acetate	6.330	43	9210	1.689	ug/l #	92

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

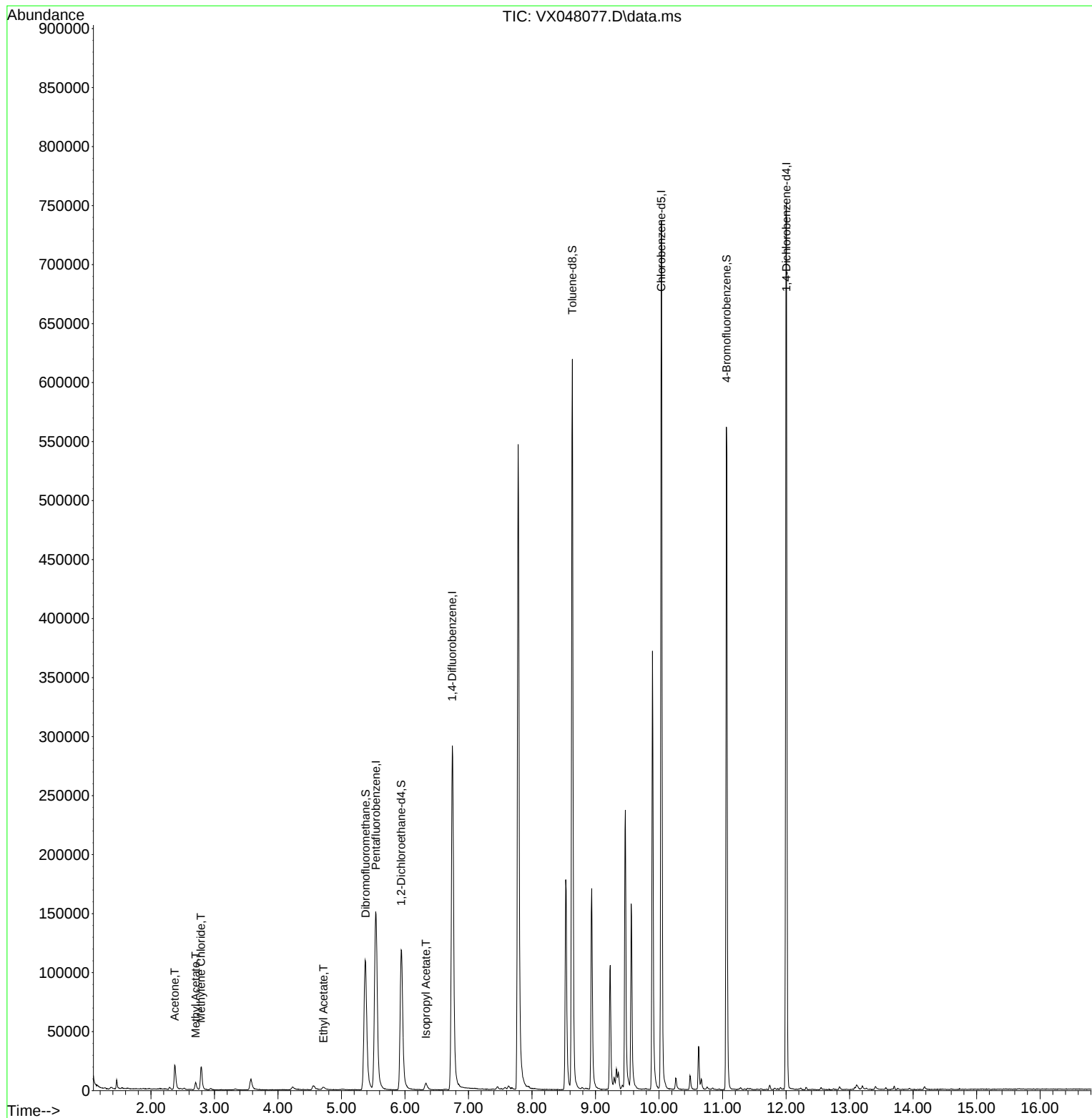
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048077.D
Acq On : 09 Oct 2025 11:50
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Sample : PB170028TB
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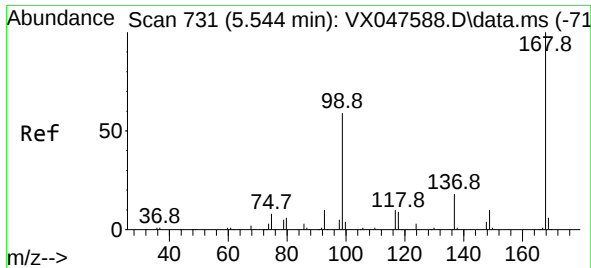
Instrument :
MSVOA_X
ClientSampleId :
PB170028TB

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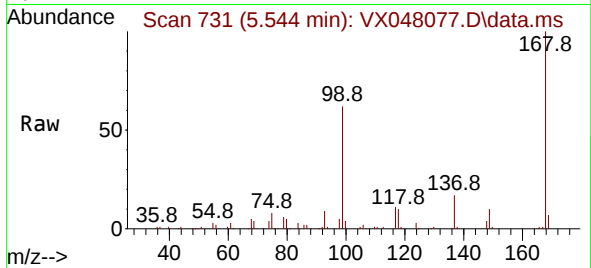
Quant Time: Oct 10 01:19:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

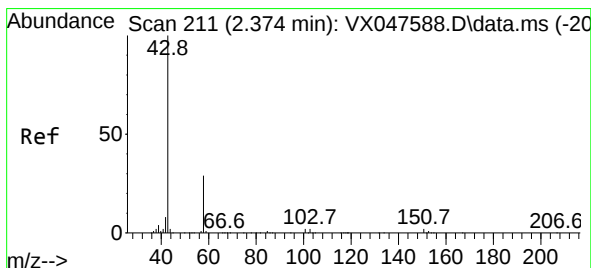
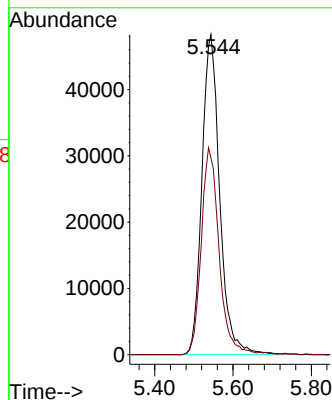
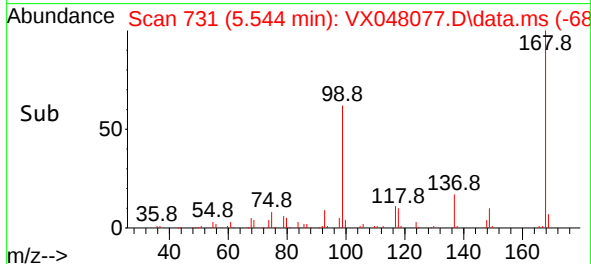
Instrument :
MSVOA_X
ClientSampleId :
PB170028TB



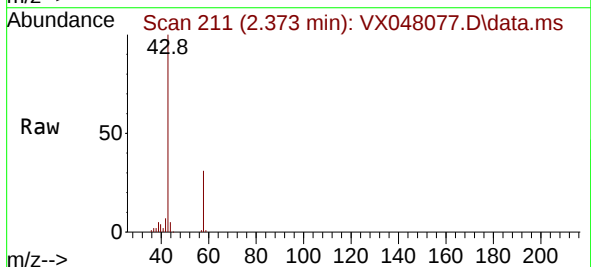
Tgt Ion:168 Resp: 152518
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2

Manual Integrations
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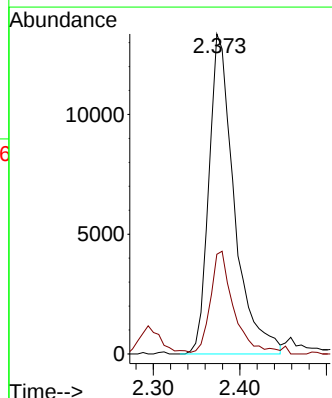
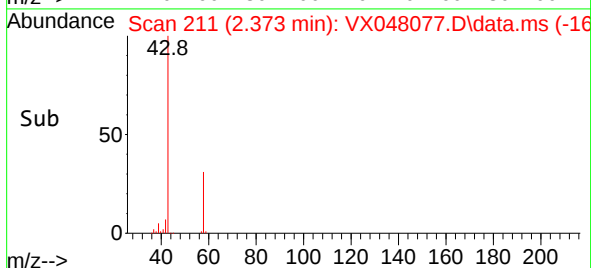
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

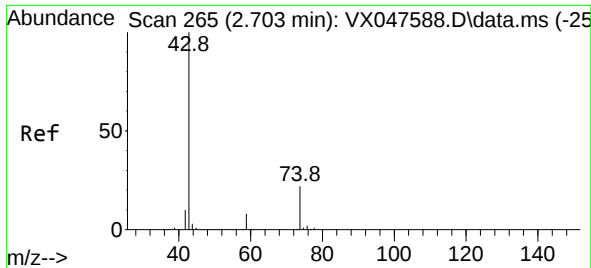


#16
Acetone
Concen: 25.744 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50



Tgt Ion: 43 Resp: 27175
Ion Ratio Lower Upper
43 100
58 30.1 23.4 35.0





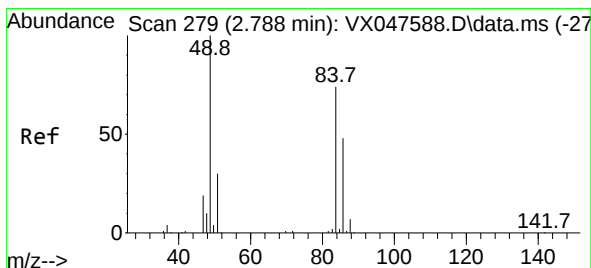
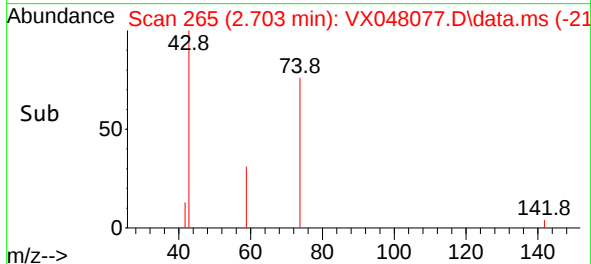
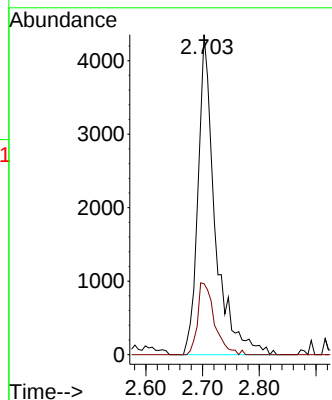
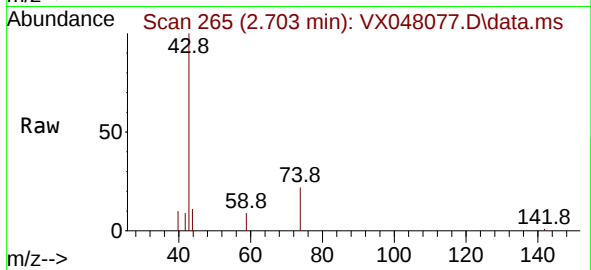
#18
Methyl Acetate
Concen: 3.883 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

Instrument :
MSVOA_X
ClientSampleId :
PB170028TB

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2

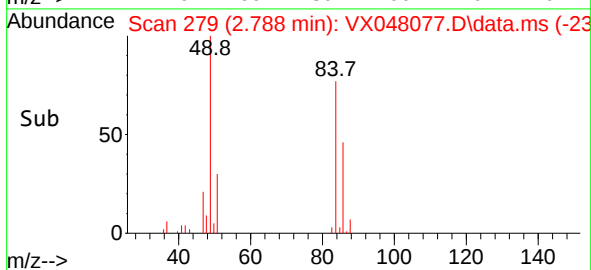
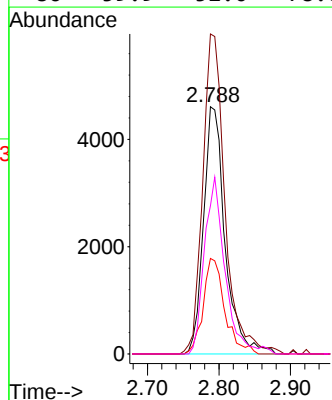
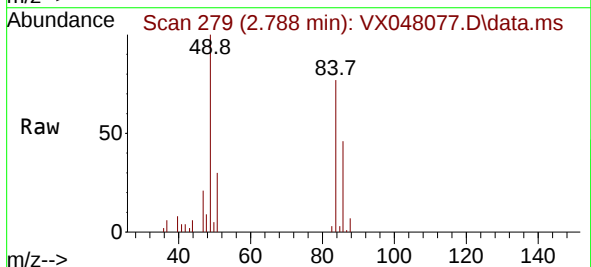
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Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Methylene Chloride
Concen: 4.321 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

Tgt Ion: 84 Resp: 9654
Ion Ratio Lower Upper
84 100
49 129.4 108.6 162.8
51 38.6 32.6 48.8
86 59.9 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 54.423 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048077.D

Acq: 09 Oct 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

PB170028TB

Tgt Ion: 65 Resp: 132124

Ion Ratio Lower Upper

65 100

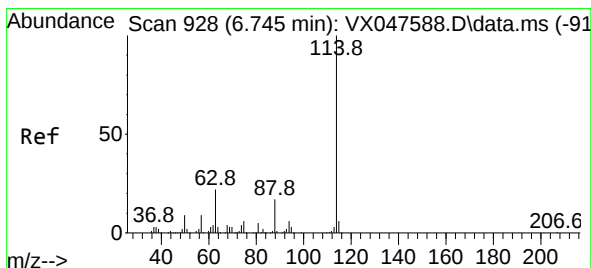
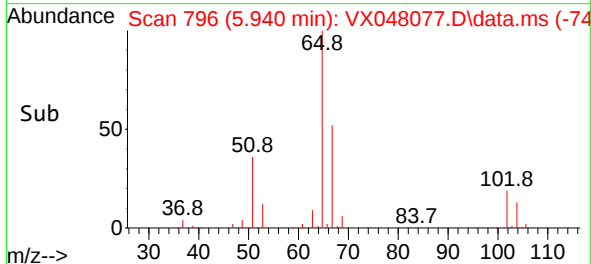
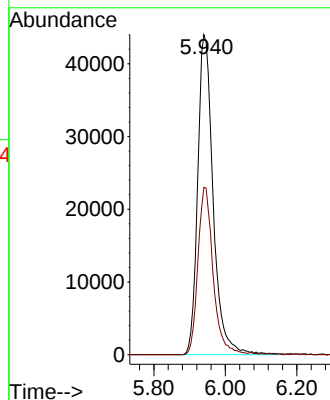
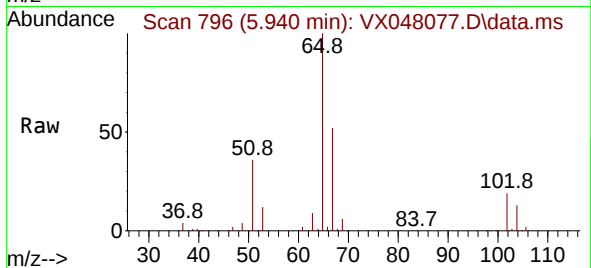
67 51.3 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048077.D

Acq: 09 Oct 2025 11:50

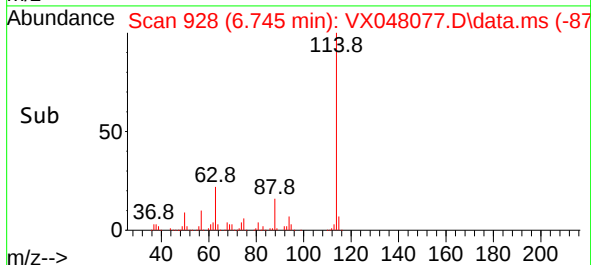
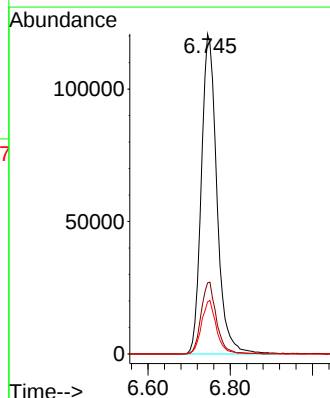
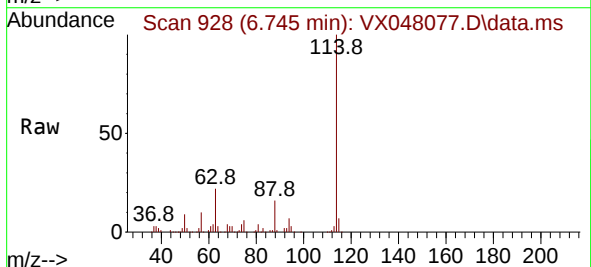
Tgt Ion:114 Resp: 316853

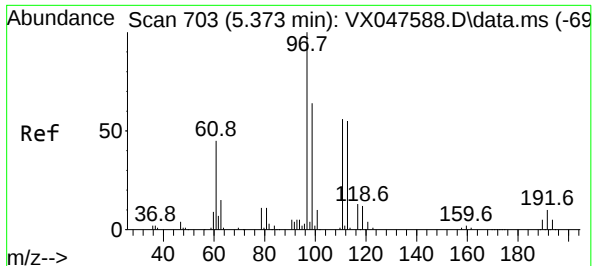
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

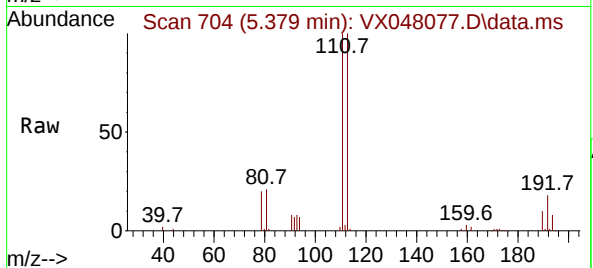
88 16.3 0.0 34.2





#35
Dibromofluoromethane
Concen: 49.989 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

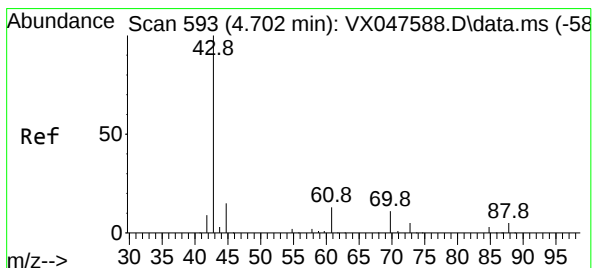
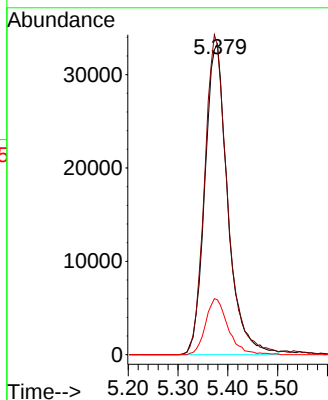
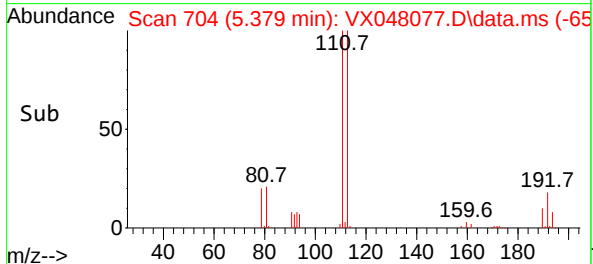
Instrument :
MSVOA_X
ClientSampleId :
PB170028TB



Tgt Ion:113 Resp: 106220
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 17.8 14.2 21.4

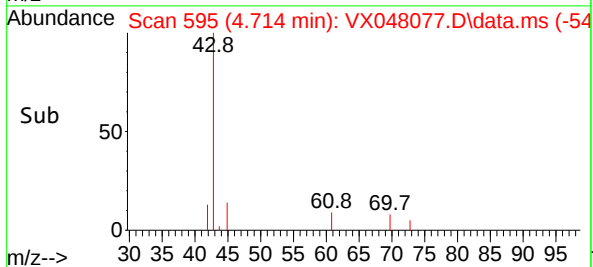
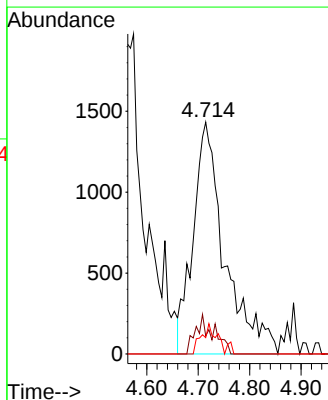
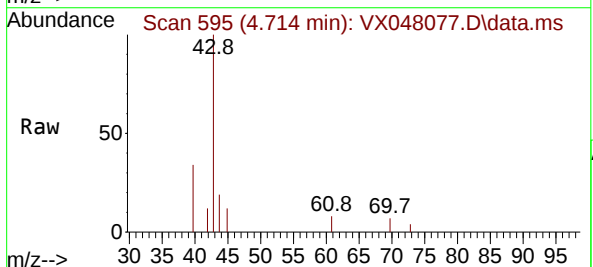
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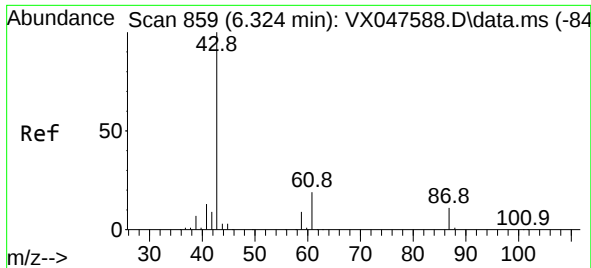
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#37
Ethyl Acetate
Concen: 1.844 ug/l m
RT: 4.714 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

Tgt Ion: 43 Resp: 6132
Ion Ratio Lower Upper
43 100
61 6.6 9.8 14.8#
70 6.1 7.9 11.9#





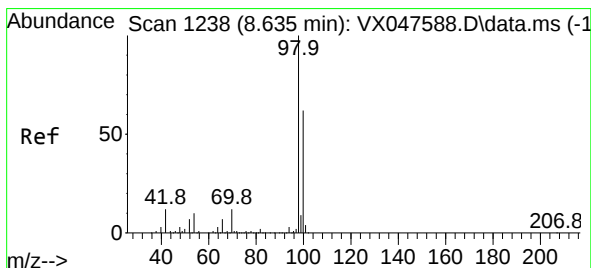
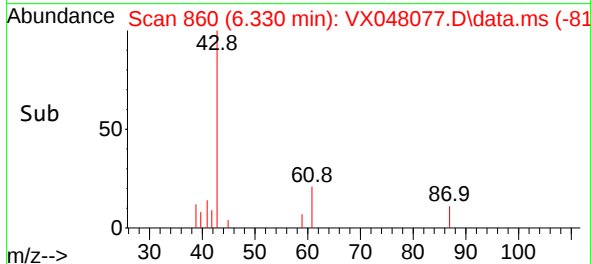
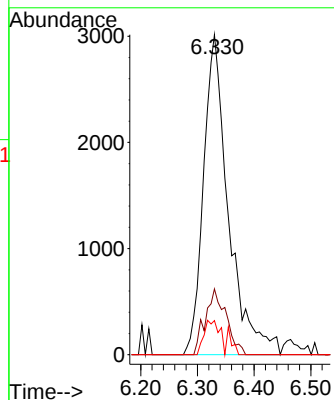
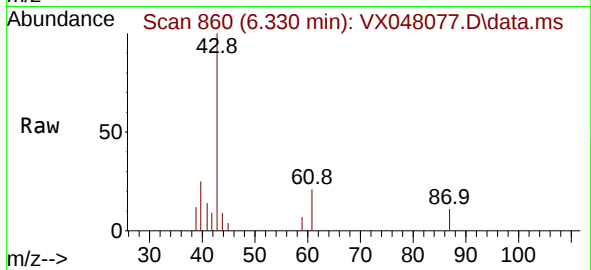
#43
Isopropyl Acetate
Concen: 1.689 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

Instrument :
MSVOA_X
ClientSampleId :
PB170028TB

Tgt Ion: 43 Resp: 9210
Ion Ratio Lower Upper
43 100
61 17.2 15.2 22.8
87 6.7 9.6 14.4

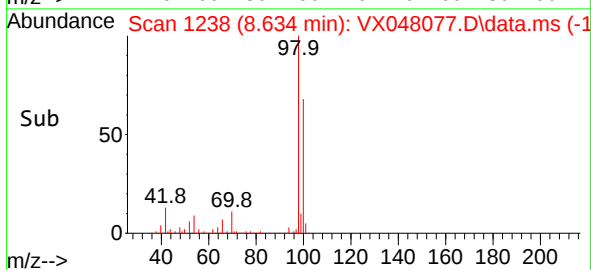
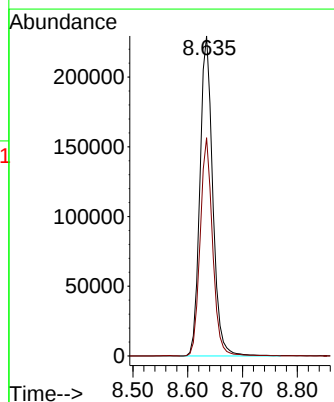
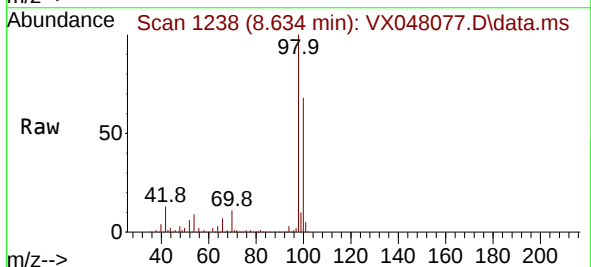
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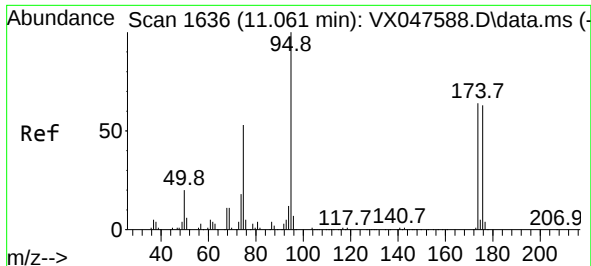
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#50
Toluene-d8
Concen: 50.743 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

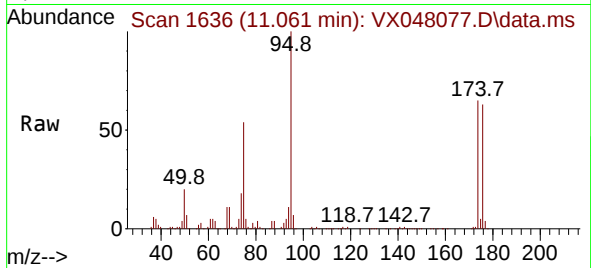
Tgt Ion: 98 Resp: 373107
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4





#62
4-Bromofluorobenzene
Concen: 56.794 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

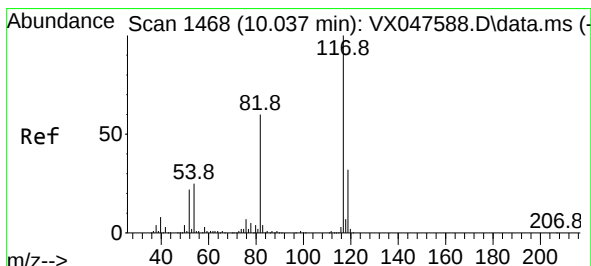
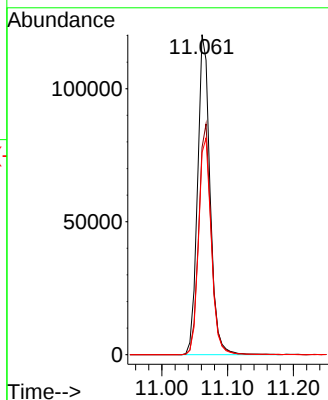
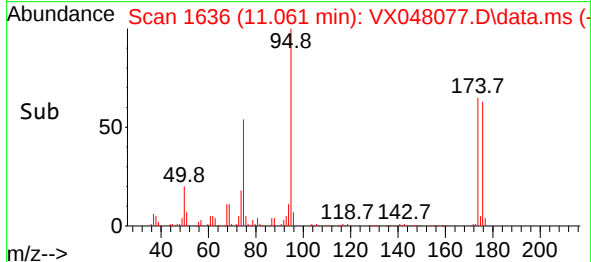
Instrument :
MSVOA_X
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Tgt Ion: 95 Resp: 158488
Ion Ratio Lower Upper
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174 72.7 0.0 141.6
176 69.1 0.0 138.4

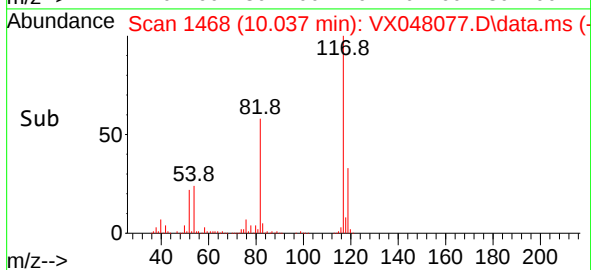
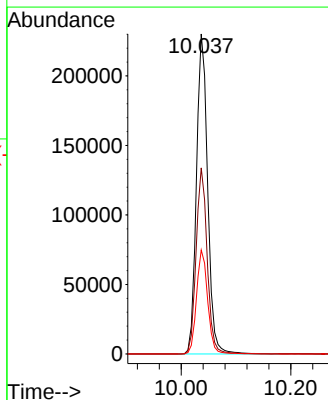
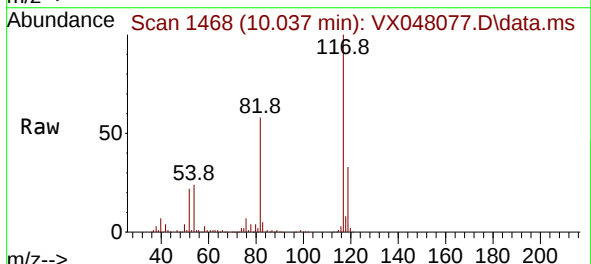
Manual Integrations
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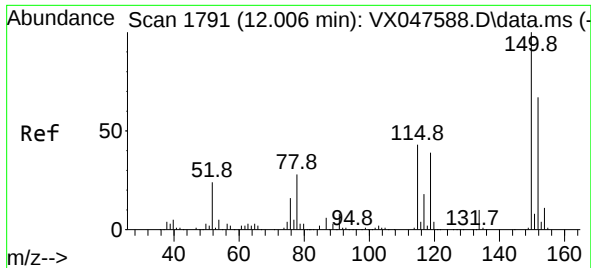
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048077.D
Acq: 09 Oct 2025 11:50

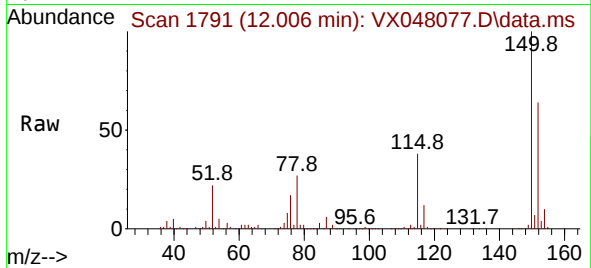
Tgt Ion:117 Resp: 328278
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 32.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048077.D
 Acq: 09 Oct 2025 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170028TB



Tgt Ion:152 Resp: 16323
 Ion Ratio Lower Upper
 152 100
 115 62.0 44.9 134.5
 150 157.8 0.0 352.0

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