

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046947.D
 Acq On : 10 Jul 2025 16:08
 Operator : JC/MD
 Sample : PB168762TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168762TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:32:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	480574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	854277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	784807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	394897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	327575	51.596	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.200%			
35) Dibromofluoromethane	5.398	113	275963	47.589	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.180%			
50) Toluene-d8	8.653	98	1016556	49.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.380%			
62) 4-Bromofluorobenzene	11.079	95	393181	50.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.120%			
Target Compounds						
8) Diethyl Ether	2.148	74	6218	2.067	ug/l	98
16) Acetone	2.392	43	52065	26.401	ug/l	90
18) Methyl Acetate	2.715	43	28423	5.468	ug/l	99
20) Methylene Chloride	2.807	84	22620	3.879	ug/l	98
37) Ethyl Acetate	4.733	43	16385m	2.459	ug/l	
43) Isopropyl Acetate	6.349	43	15007	1.470	ug/l #	63

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

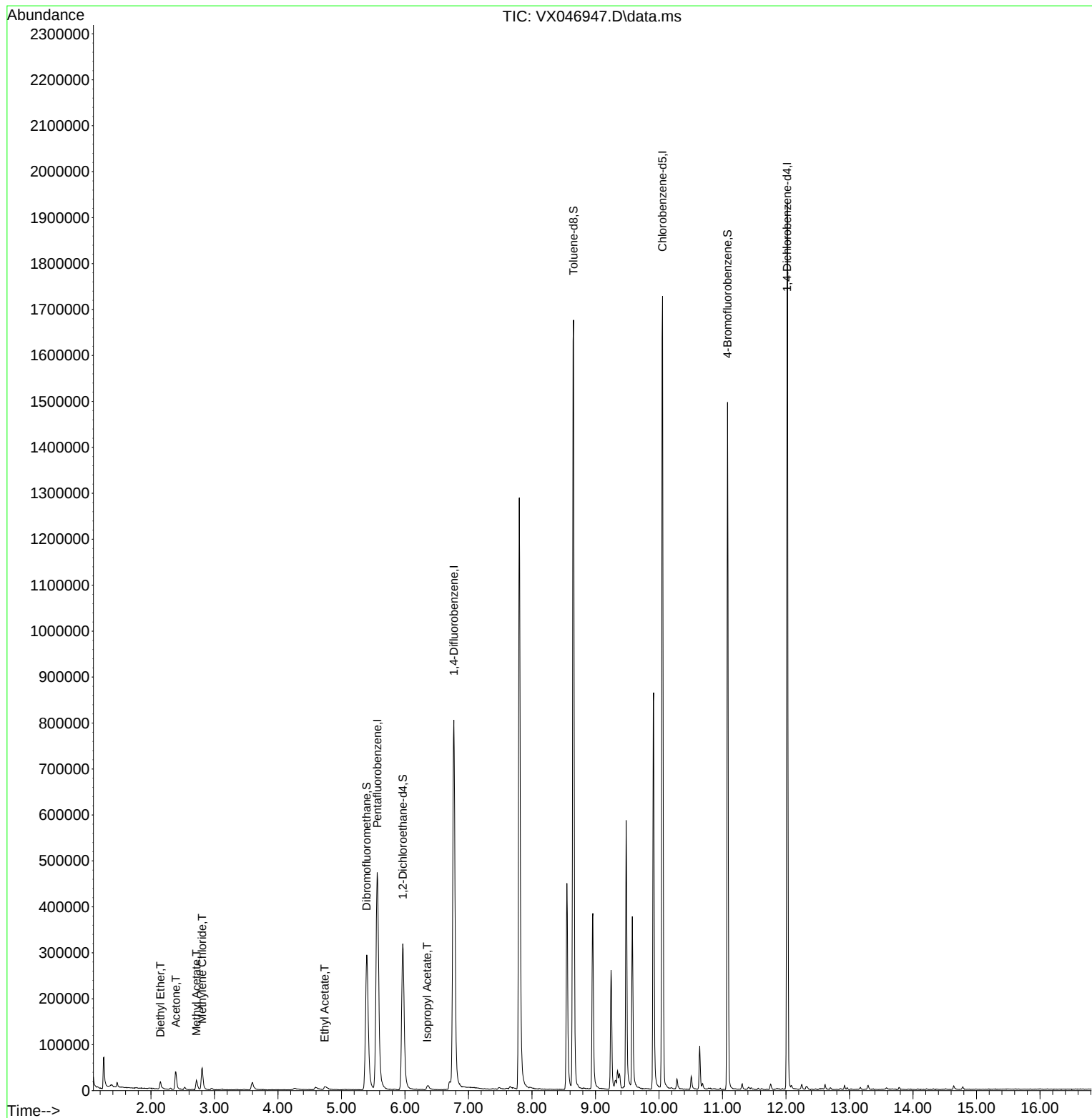
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046947.D
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Operator : JC/MD
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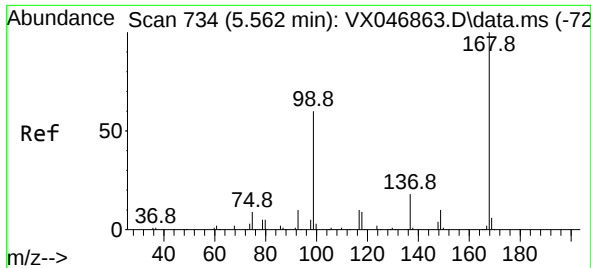
Instrument :
MSVOA_X
ClientSampleId :
PB168762TB

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Quant Time: Jul 11 01:32:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





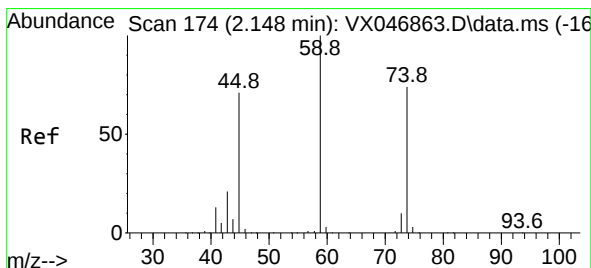
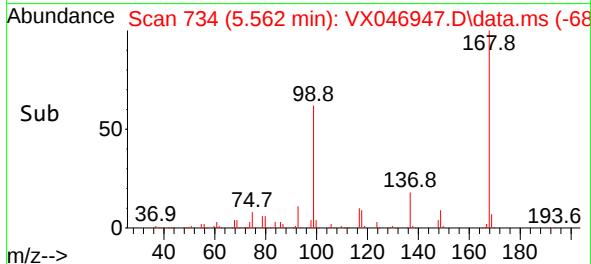
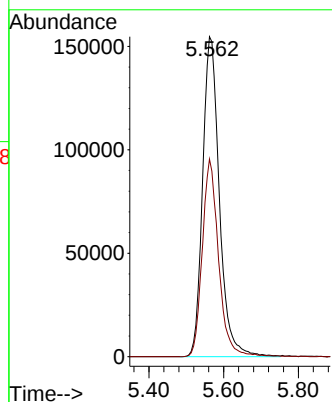
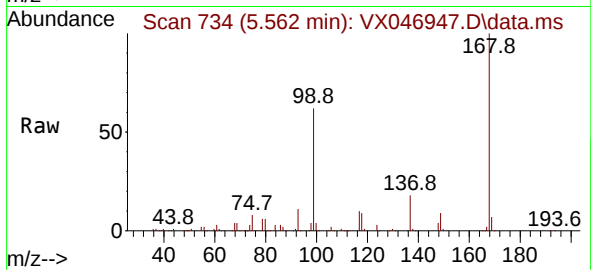
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.000 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
PB168762TB

Tgt Ion:168 Resp: 480574
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2

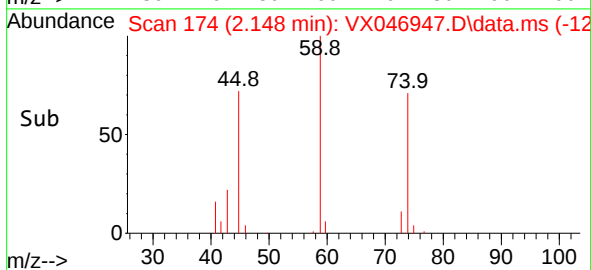
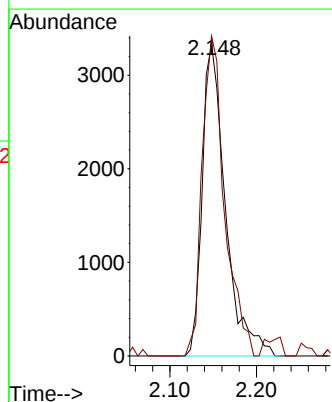
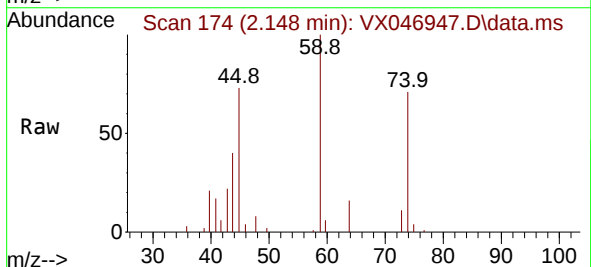
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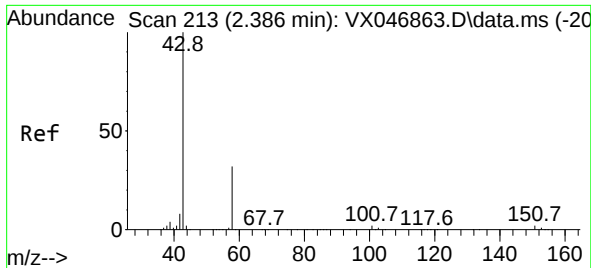
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#8
Diethyl Ether
Concen: 2.067 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

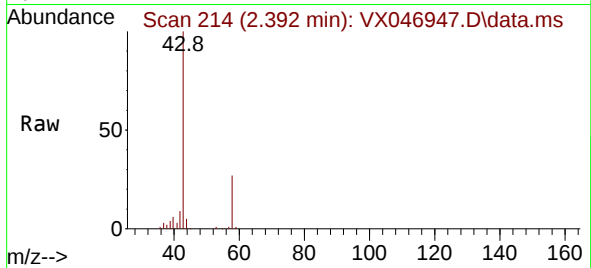
Tgt Ion: 74 Resp: 6218
Ion Ratio Lower Upper
74 100
45 99.2 50.7 152.1





#16
Acetone
Concen: 26.401 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

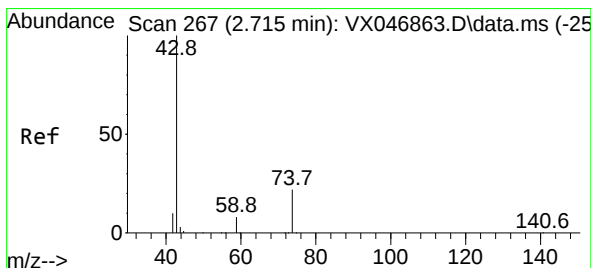
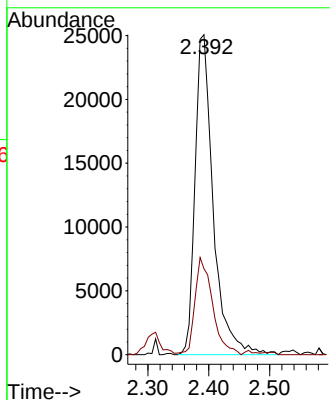
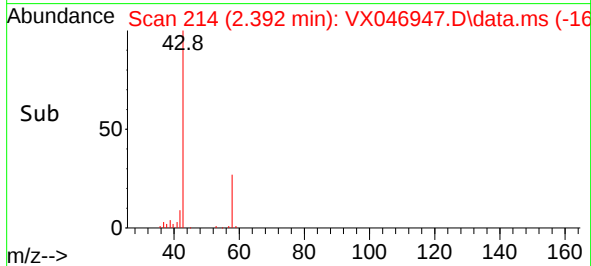
Instrument :
MSVOA_X
ClientSampleId :
PB168762TB



Tgt Ion: 43 Resp: 5206
Ion Ratio Lower Upper
43 100
58 26.8 25.8 38.6

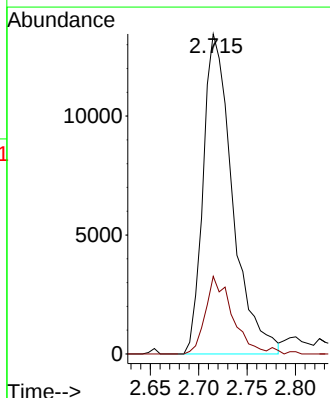
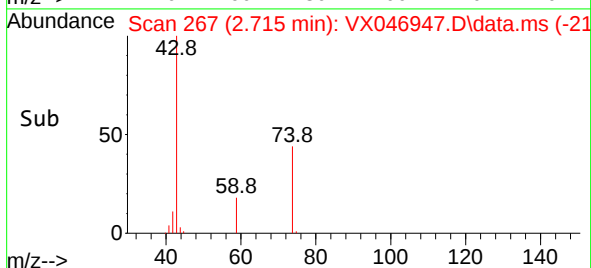
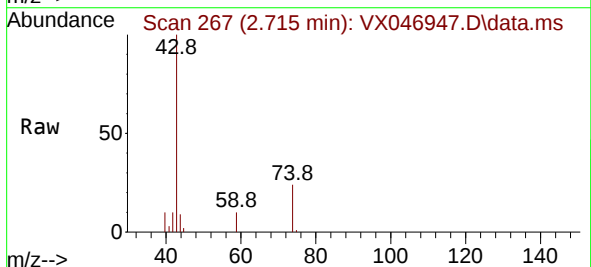
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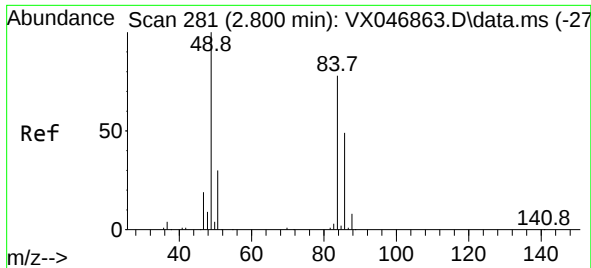
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#18
Methyl Acetate
Concen: 5.468 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

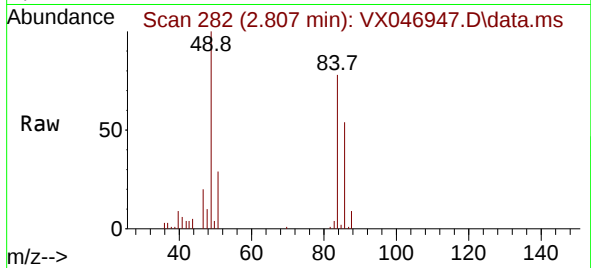
Tgt Ion: 43 Resp: 28423
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5





#20
Methylene Chloride
Concen: 3.879 ug/l
RT: 2.807 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

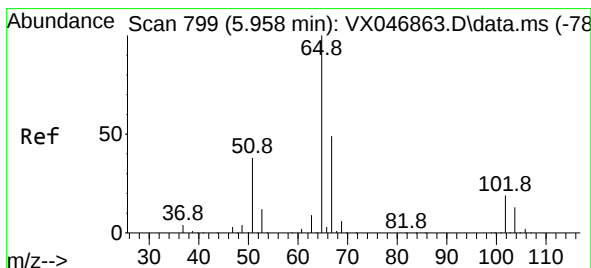
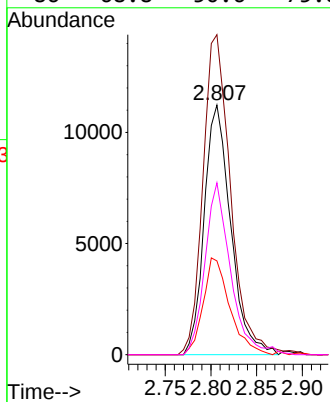
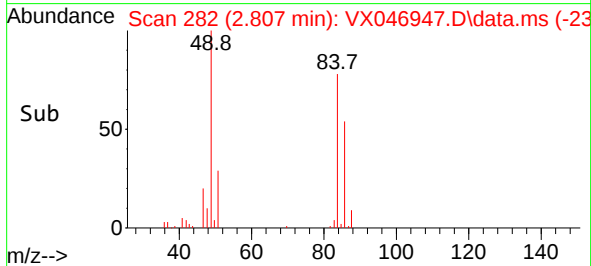
Instrument :
MSVOA_X
ClientSampleId :
PB168762TB



Tgt Ion: 84 Resp: 22620
Ion Ratio Lower Upper
84 100
49 128.2 102.8 154.2
51 37.6 31.1 46.7
86 68.8 50.6 75.8

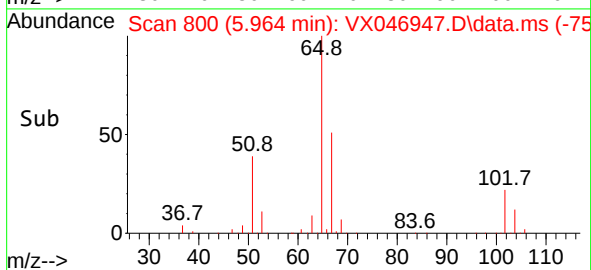
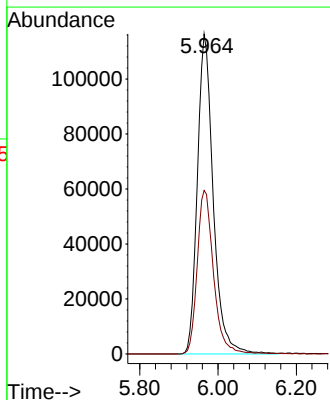
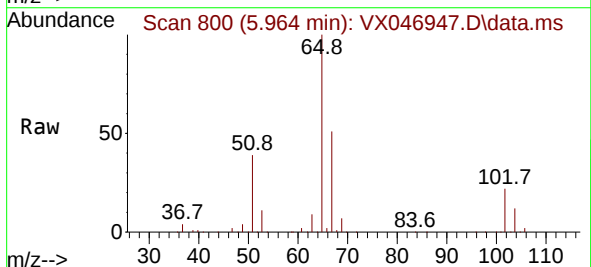
Manual Integrations
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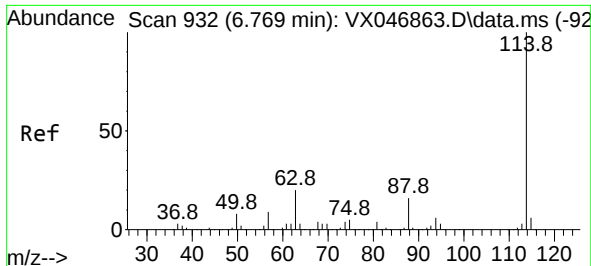
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#33
1,2-Dichloroethane-d4
Concen: 51.596 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

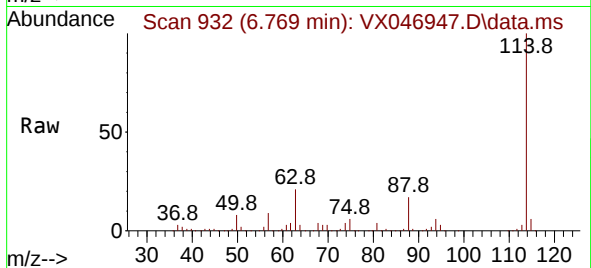
Tgt Ion: 65 Resp: 327575
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

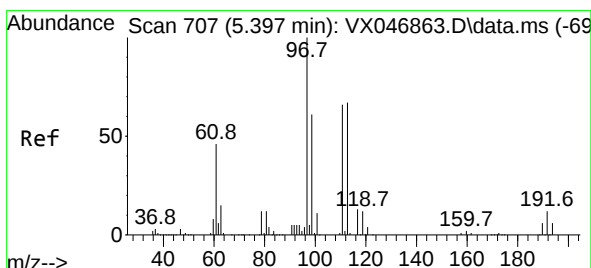
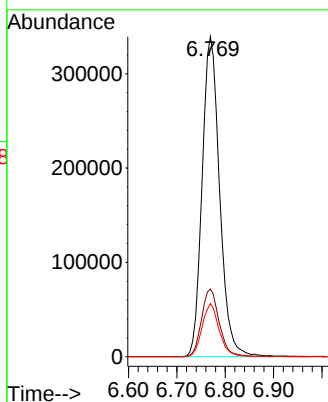
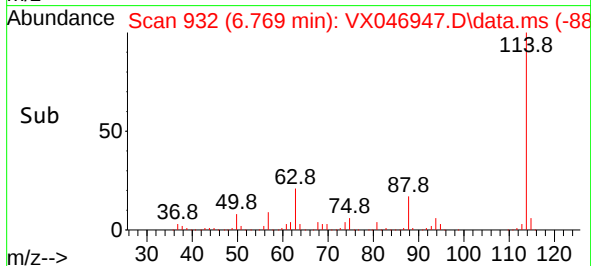
Instrument :
MSVOA_X
ClientSampleId :
PB168762TB



Tgt Ion:114 Resp: 85427
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.4
88 16.7 0.0 31.0

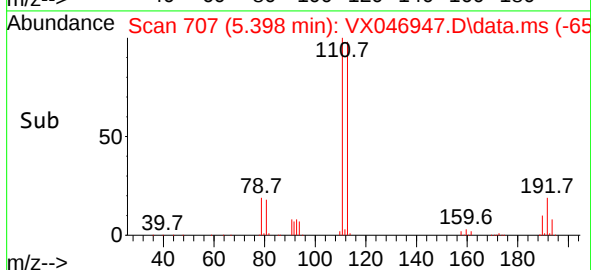
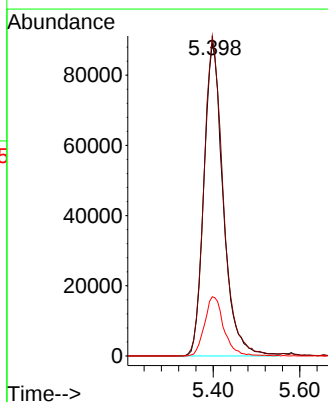
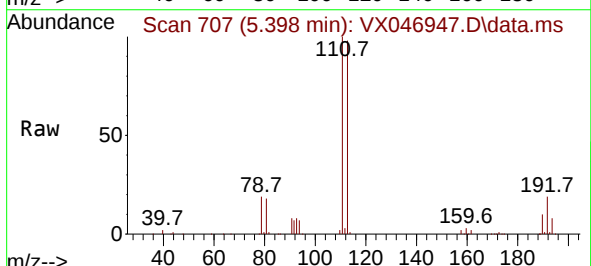
Manual Integrations
APPROVED

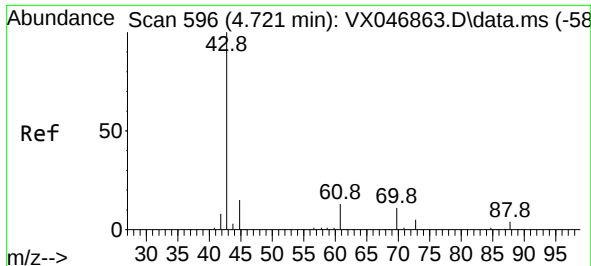
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#35
Dibromofluoromethane
Concen: 47.589 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

Tgt Ion:113 Resp: 275963
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 18.9 15.3 22.9





#37

Ethyl Acetate

Concen: 2.459 ug/l m

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX046947.D

Acq: 10 Jul 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

PB168762TB

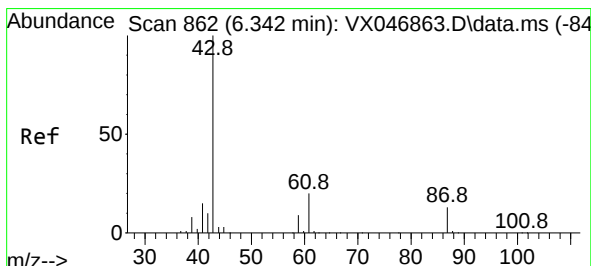
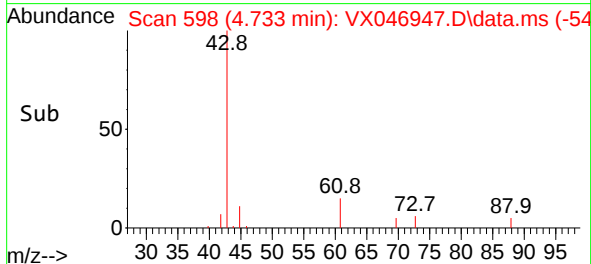
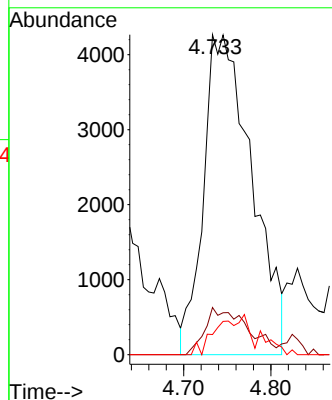
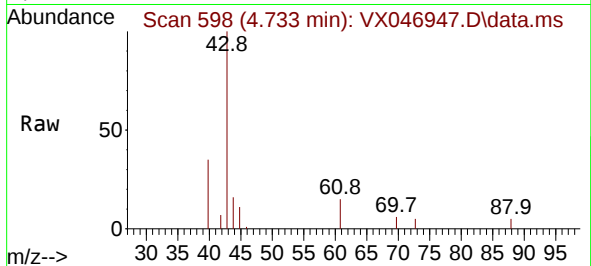
Tgt Ion:	43	Resp:	1638
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.7	14.5
70	5.2	8.3	12.5

Manual Integrations

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#43

Isopropyl Acetate

Concen: 1.470 ug/l

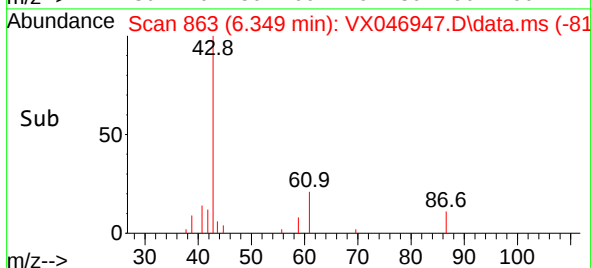
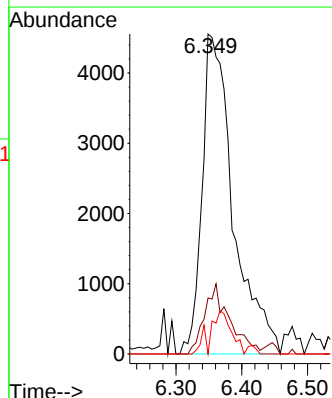
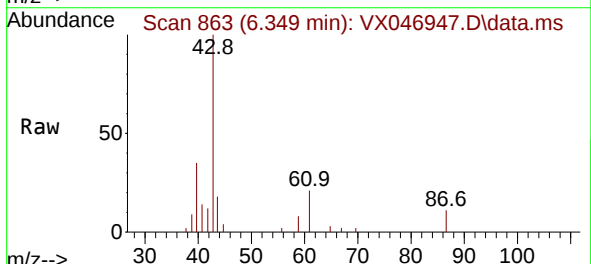
RT: 6.349 min Scan# 863

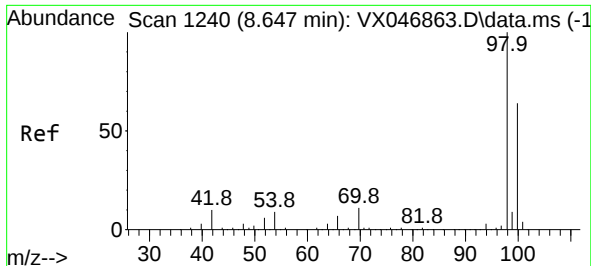
Delta R.T. 0.006 min

Lab File: VX046947.D

Acq: 10 Jul 2025 16:08

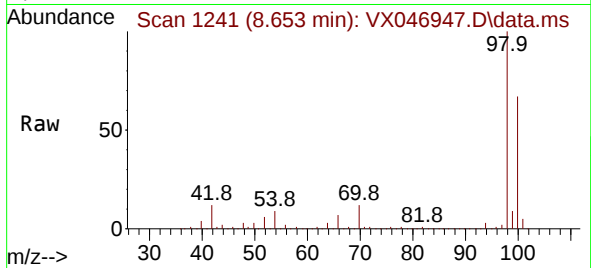
Tgt Ion:	43	Resp:	15007
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.7	23.5#
87	1.4	10.1	15.1#





#50
Toluene-d8
Concen: 49.686 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

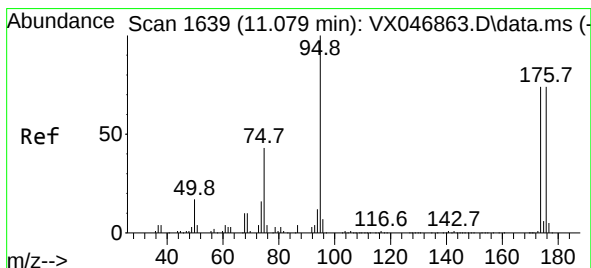
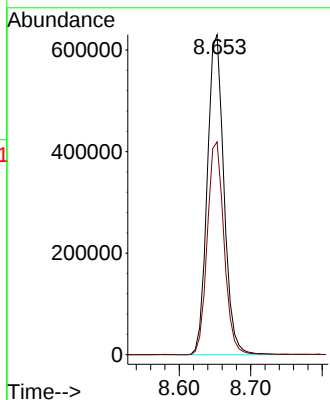
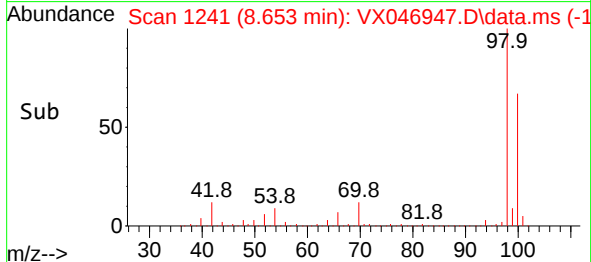
Instrument :
MSVOA_X
ClientSampleId :
PB168762TB



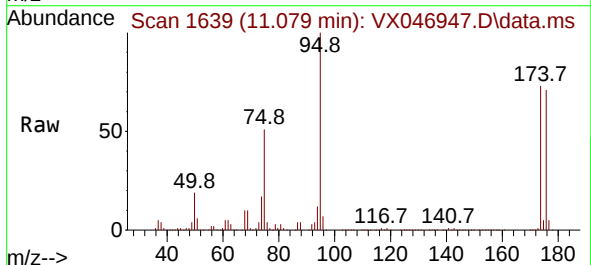
Tgt Ion: 98 Resp: 101655
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6

Manual Integrations
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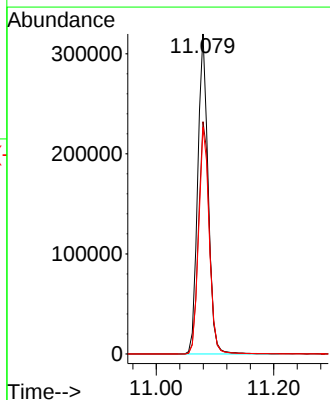
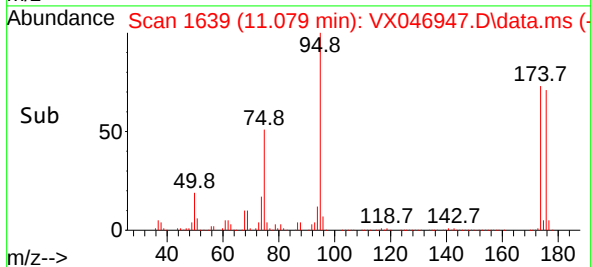
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

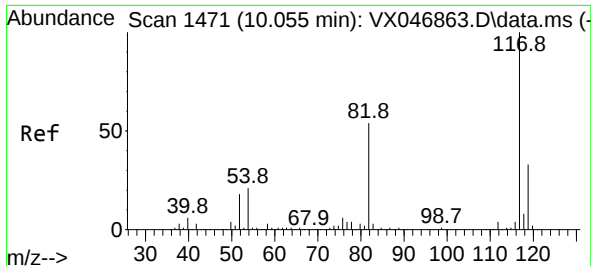


#62
4-Bromofluorobenzene
Concen: 50.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08



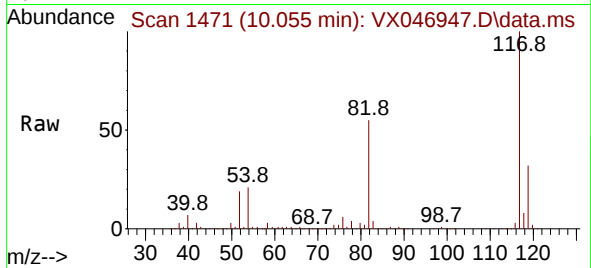
Tgt Ion: 95 Resp: 393181
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.0
176 72.0 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

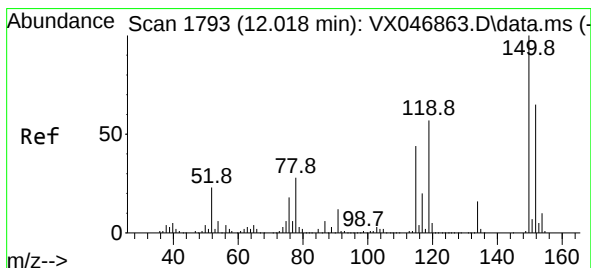
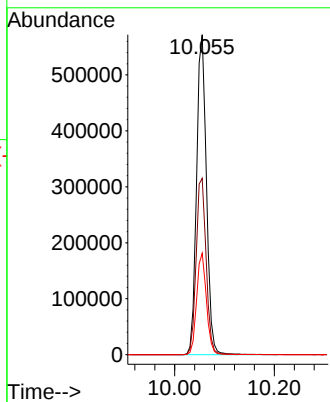
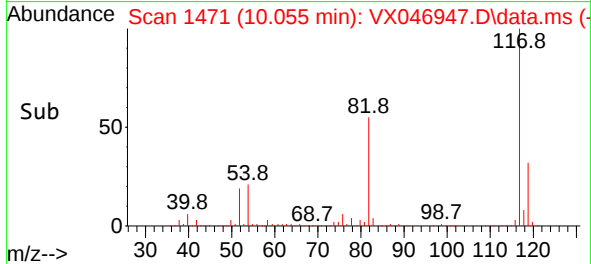
Instrument :
MSVOA_X
ClientSampleId :
PB168762TB



Tgt Ion:117 Resp: 78480
Ion Ratio Lower Upper
117 100
82 55.1 43.3 64.9
119 31.7 26.4 39.6

Manual Integrations
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Supervised By :Mahesh Dadoda 07/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046947.D
Acq: 10 Jul 2025 16:08

Tgt Ion:152 Resp: 394897
Ion Ratio Lower Upper
152 100
115 60.4 42.4 127.1
150 156.5 0.0 349.2

