

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047082.D
 Acq On : 23 Jul 2025 12:02
 Operator : JC/MD
 Sample : PB168956TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168956TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:46:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	446334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	792254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	734790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	351988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	282586	50.826	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.660%			
35) Dibromofluoromethane	5.397	113	235360	48.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.220%			
50) Toluene-d8	8.647	98	835746	52.757	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.520%			
62) 4-Bromofluorobenzene	11.079	95	340357	49.856	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.720%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	58700	26.355	ug/l	98
18) Methyl Acetate	2.715	43	27945	4.721	ug/l	100
20) Methylene Chloride	2.806	84	23088	3.768	ug/l	99
37) Ethyl Acetate	4.751	43	16837m	2.191	ug/l	
43) Isopropyl Acetate	6.355	43	13399	1.119	ug/l #	88

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

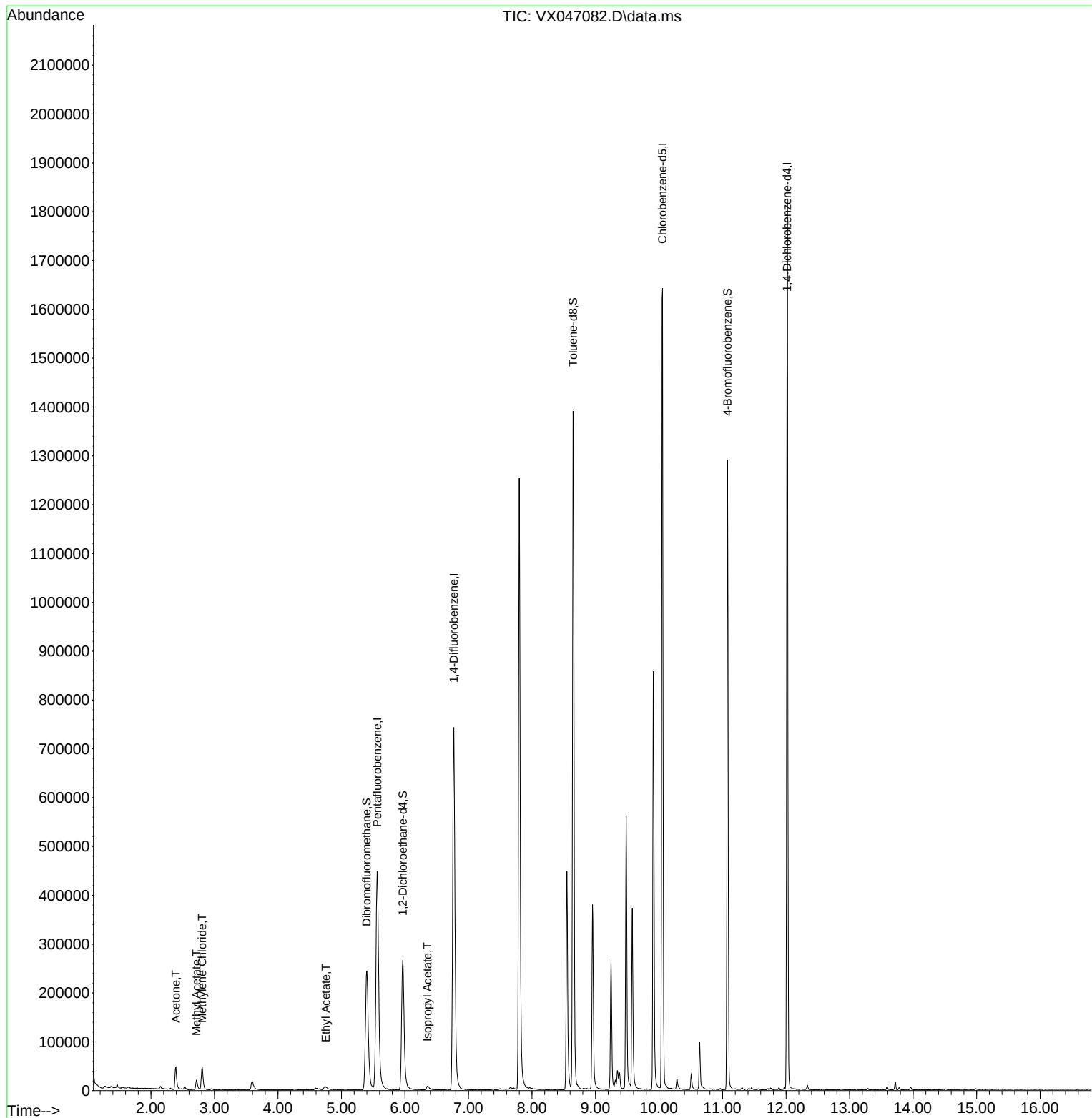
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
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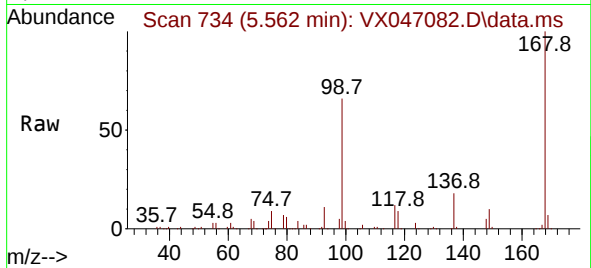
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02

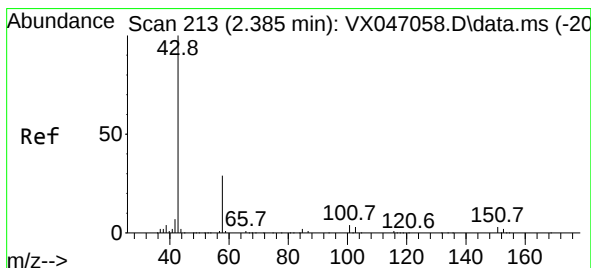
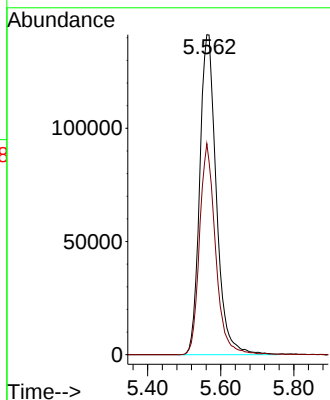
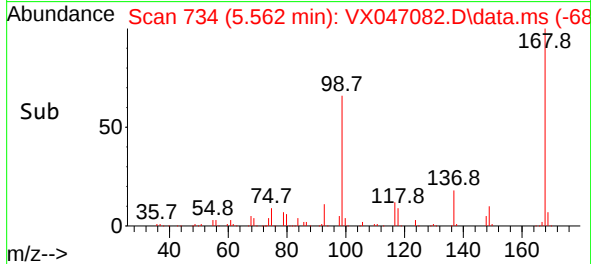
Instrument :
MSVOA_X
ClientSampleId :
PB168956TB



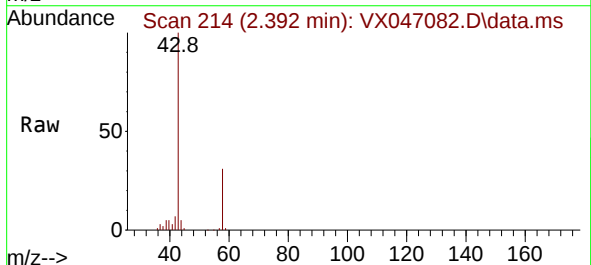
Tgt Ion:168 Resp: 446334
Ion Ratio Lower Upper
168 100
99 65.9 48.0 72.0

Manual Integrations
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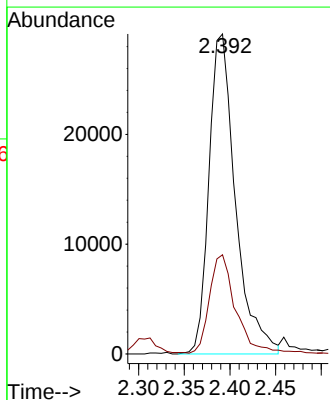
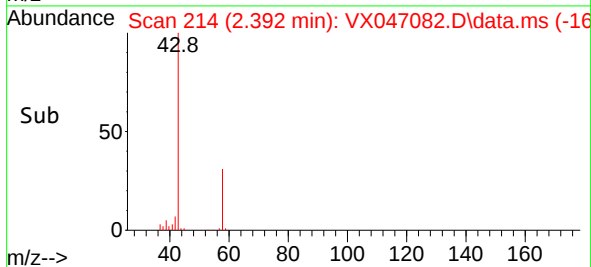
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

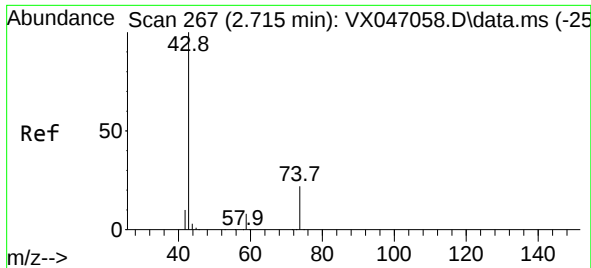


#16
Acetone
Concen: 26.355 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02



Tgt Ion: 43 Resp: 58700
Ion Ratio Lower Upper
43 100
58 31.2 24.0 36.0





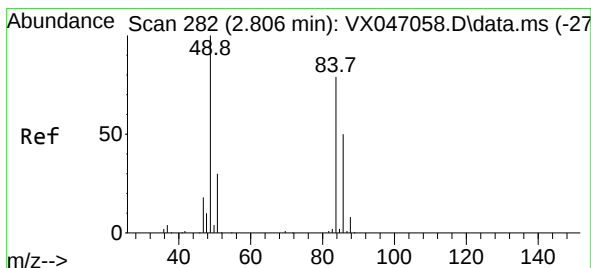
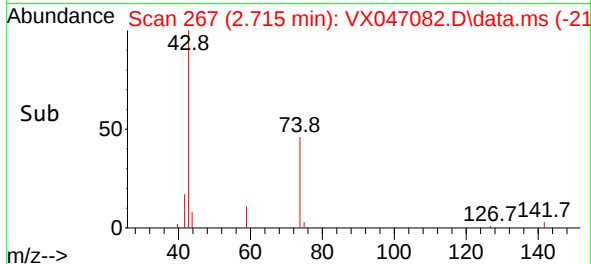
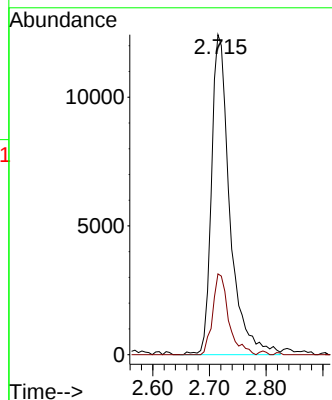
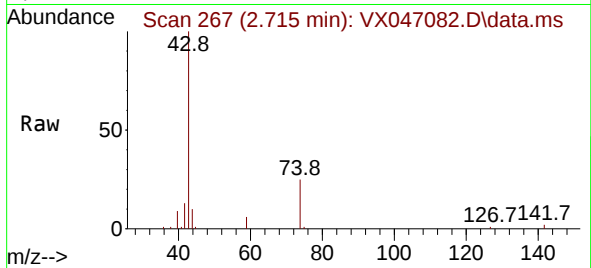
#18
Methyl Acetate
Concen: 4.721 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
PB168956TB

Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5

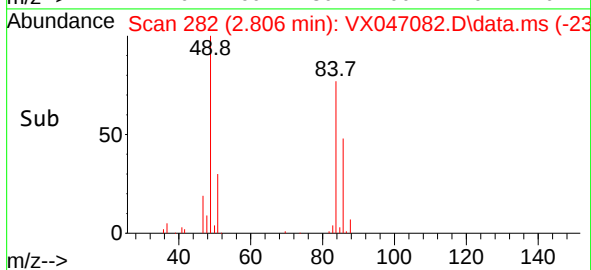
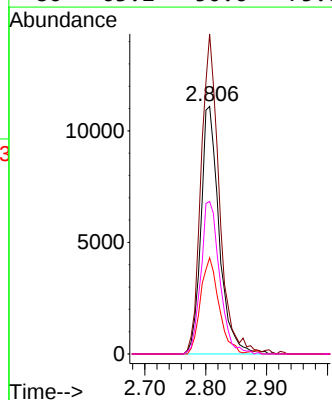
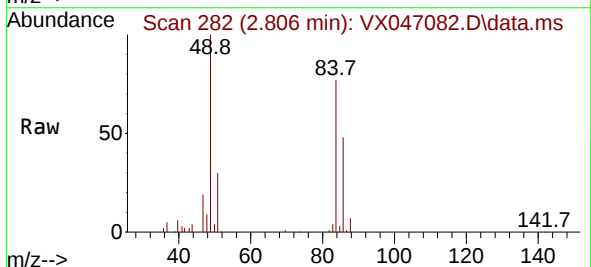
Manual Integrations
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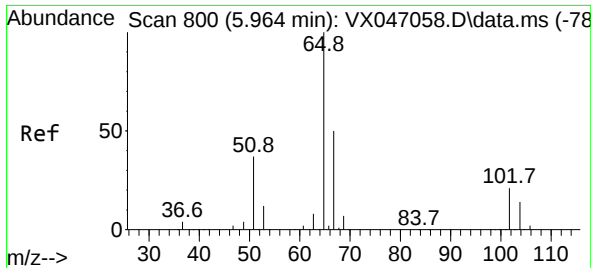
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02

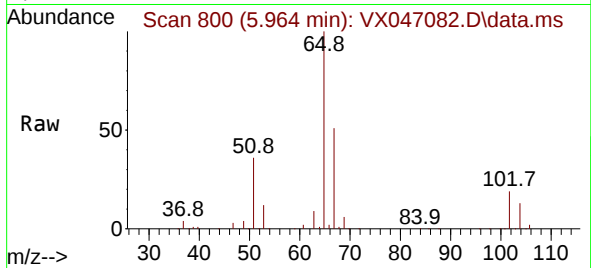
Tgt Ion: 84 Resp: 23088
Ion Ratio Lower Upper
84 100
49 129.3 101.6 152.4
51 38.8 30.3 45.5
86 63.2 50.6 75.8





#33
 1,2-Dichloroethane-d4
 Concen: 50.826 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047082.D
 Acq: 23 Jul 2025 12:02

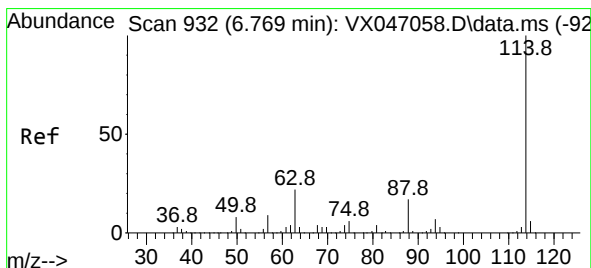
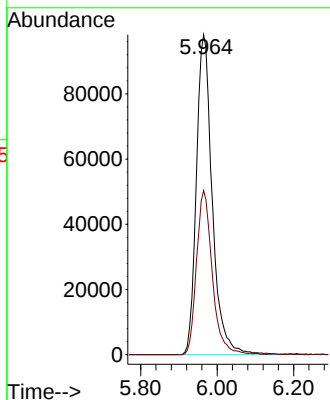
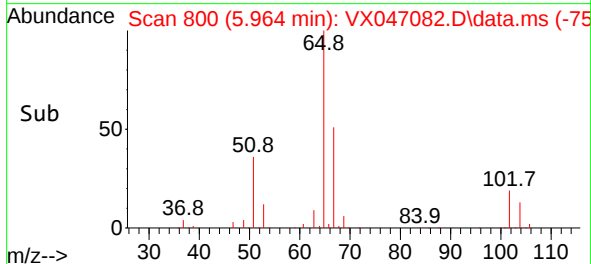
Instrument :
 MSVOA_X
 ClientSampleId :
 PB168956TB



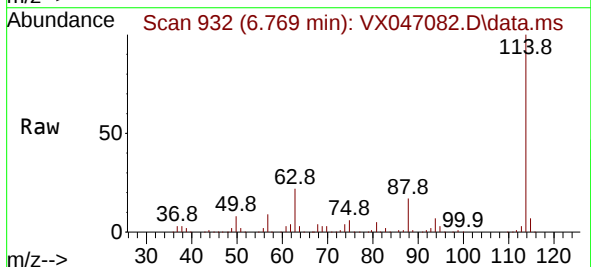
Tgt Ion: 65 Resp: 282580
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.8

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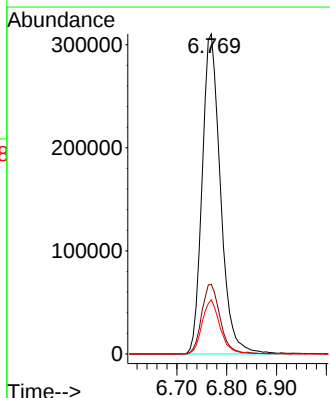
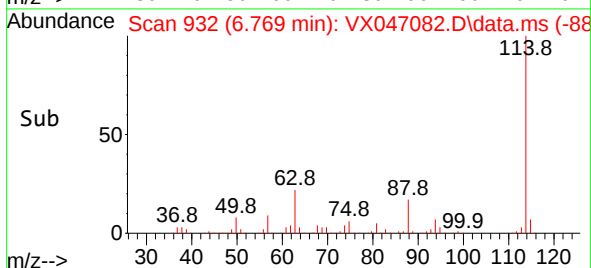
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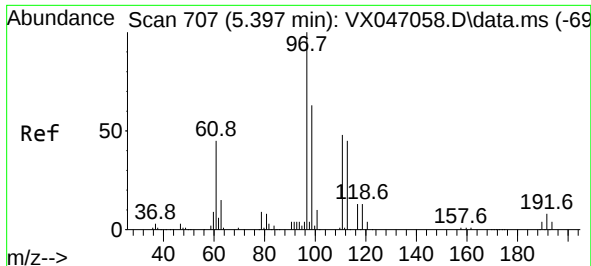


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047082.D
 Acq: 23 Jul 2025 12:02



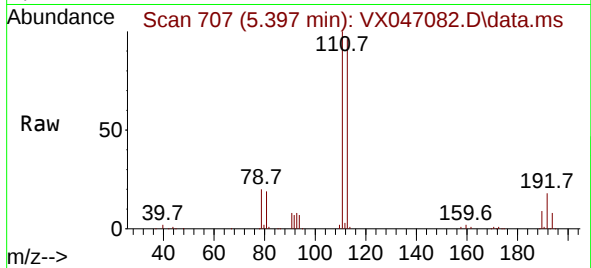
Tgt Ion:114 Resp: 792254
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 17.0 0.0 33.8





#35
Dibromofluoromethane
Concen: 48.115 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02

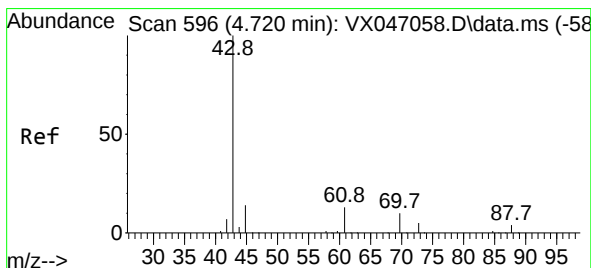
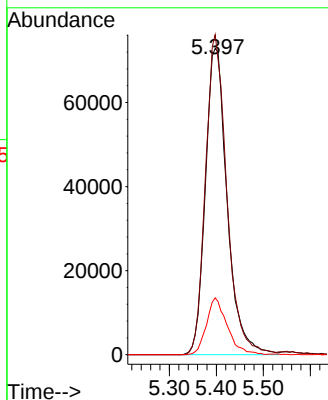
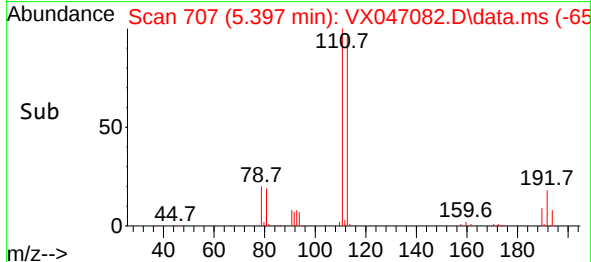
Instrument :
MSVOA_X
ClientSampleId :
PB168956TB



Tgt Ion: 113 Resp: 235360
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 17.7 14.9 22.3

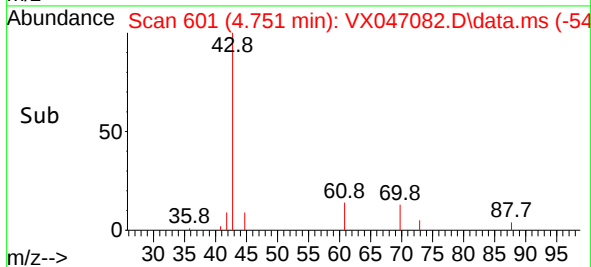
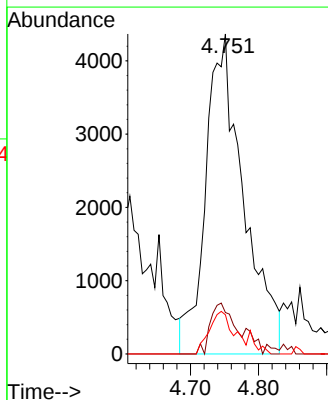
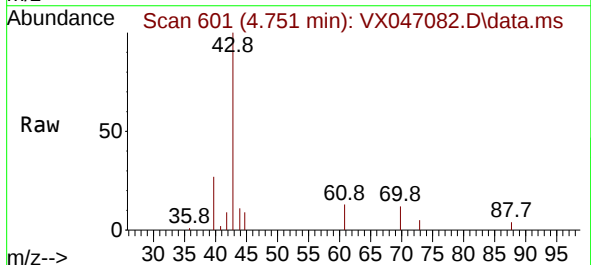
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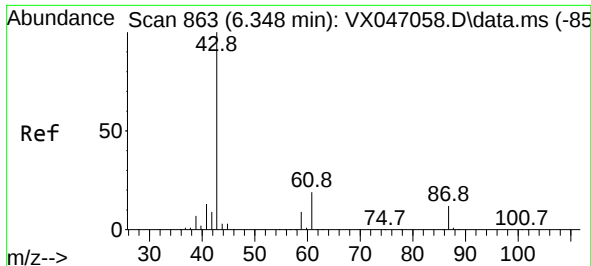
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#37
Ethyl Acetate
Concen: 2.191 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02

Tgt Ion: 43 Resp: 16837
Ion Ratio Lower Upper
43 100
61 9.7 10.2 15.2#
70 8.6 8.1 12.1





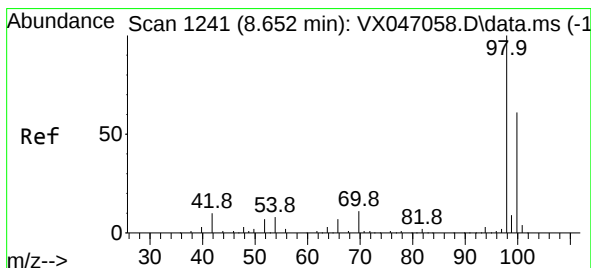
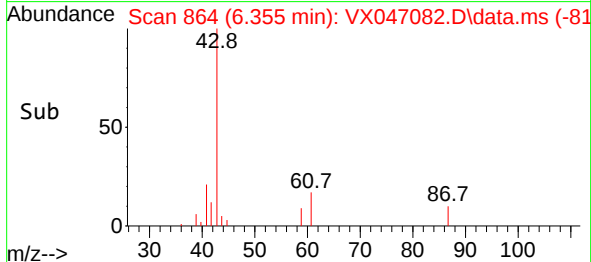
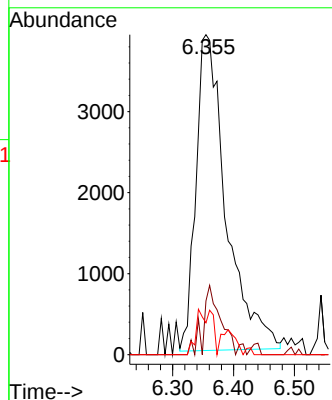
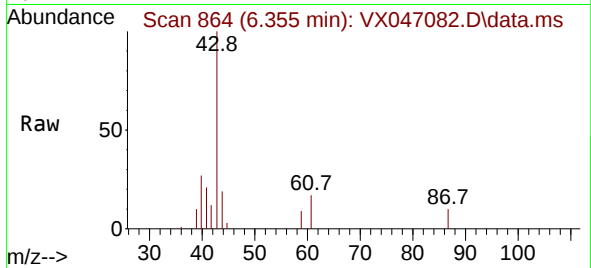
#43
Isopropyl Acetate
Concen: 1.119 ug/l
RT: 6.355 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
PB168956TB

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
61 13.2 15.1 22.7
87 7.5 9.7 14.5

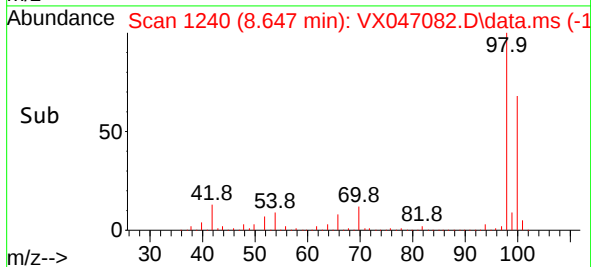
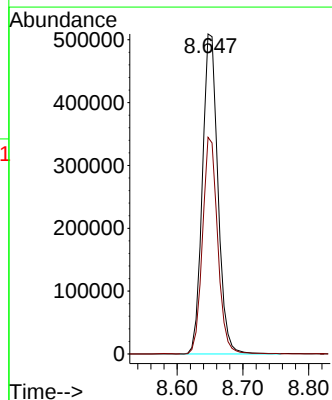
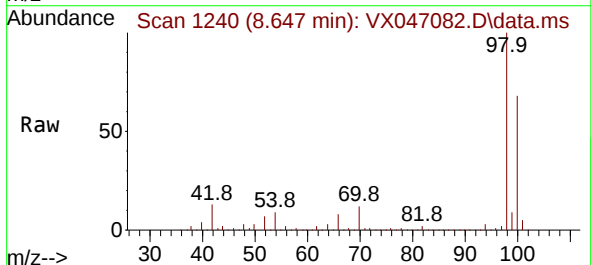
Manual Integrations
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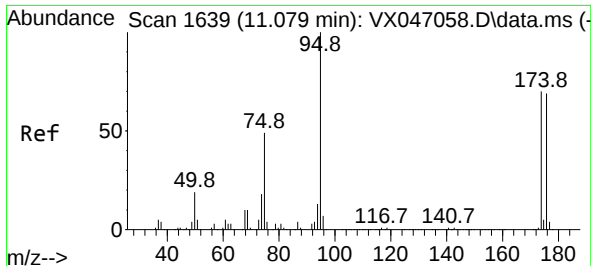
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#50
Toluene-d8
Concen: 52.757 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02

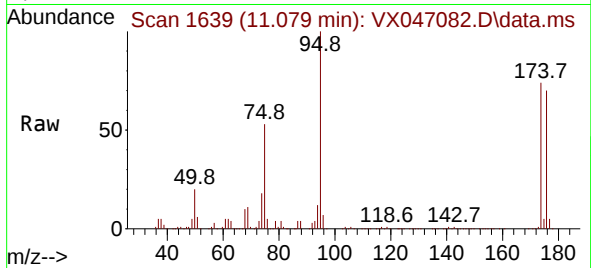
Tgt Ion: 98 Resp: 835746
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9





#62
4-Bromofluorobenzene
Concen: 49.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02

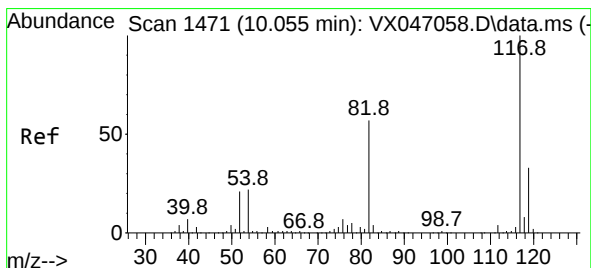
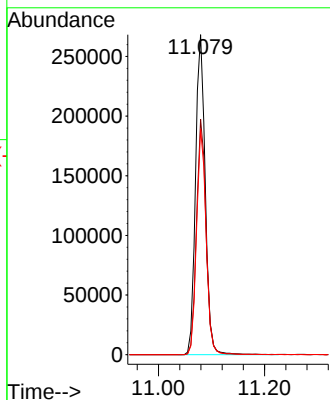
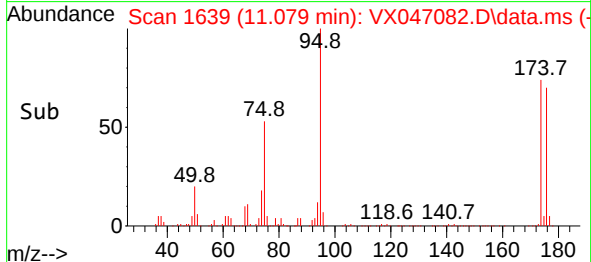
Instrument :
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PB168956TB



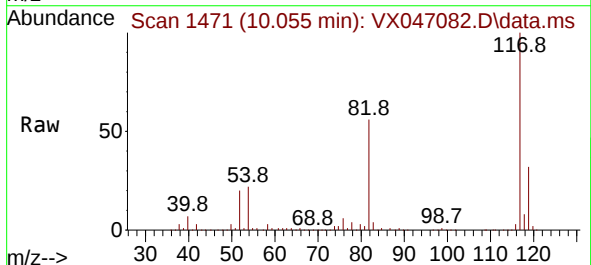
Tgt Ion: 95 Resp: 34035
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.6
176 69.3 0.0 139.6

Manual Integrations
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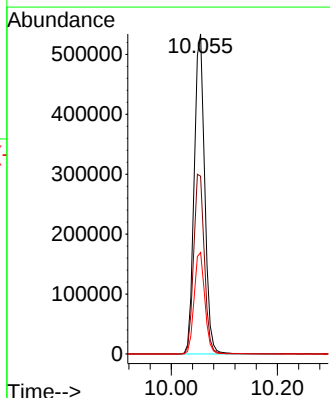
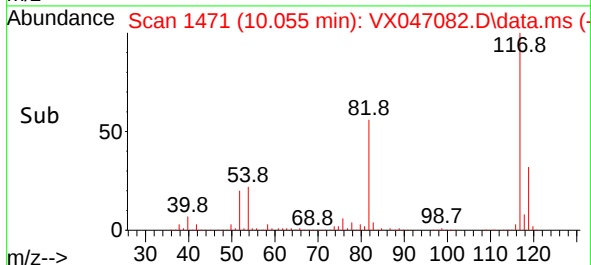
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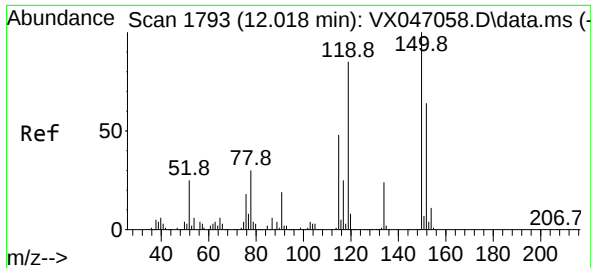


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047082.D
Acq: 23 Jul 2025 12:02



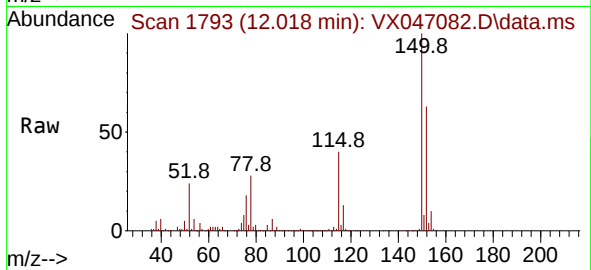
Tgt Ion:117 Resp: 734790
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 31.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047082.D
 Acq: 23 Jul 2025 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168956TB



Tgt Ion:152 Resp: 35198
 Ion Ratio Lower Upper
 152 100
 115 63.0 45.6 136.7
 150 158.1 0.0 354.6

Manual Integrations
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 Supervised By :Mahesh Dadoda 07/24/2025

