

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046888.D
 Acq On : 03 Jul 2025 15:19
 Operator : JC/MD
 Sample : Q2465-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 62025-B

Quant Time: Jul 04 01:33:40 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

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/07/2025

Supervised By :Mahesh
 Dadoda
 07/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	397492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	690402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	636957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	330490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	266803	50.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.620%			
35) Dibromofluoromethane	5.397	113	224017	47.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	8.653	98	816489	49.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.760%			
62) 4-Bromofluorobenzene	11.079	95	318634	50.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	70971	43.510	ug/l	100
18) Methyl Acetate	2.715	43	13530	3.147	ug/l	92
25) 2-Butanone	4.605	43	8147m	3.744	ug/l	
37) Ethyl Acetate	4.727	43	236985	44.005	ug/l	97
52) Toluene	8.726	92	4576	0.386	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	11255	0.590	ug/l	95
95) Naphthalene	13.780	128	6564	0.350	ug/l #	91

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

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Quant Time: Jul 04 01:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
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Reviewed By :John

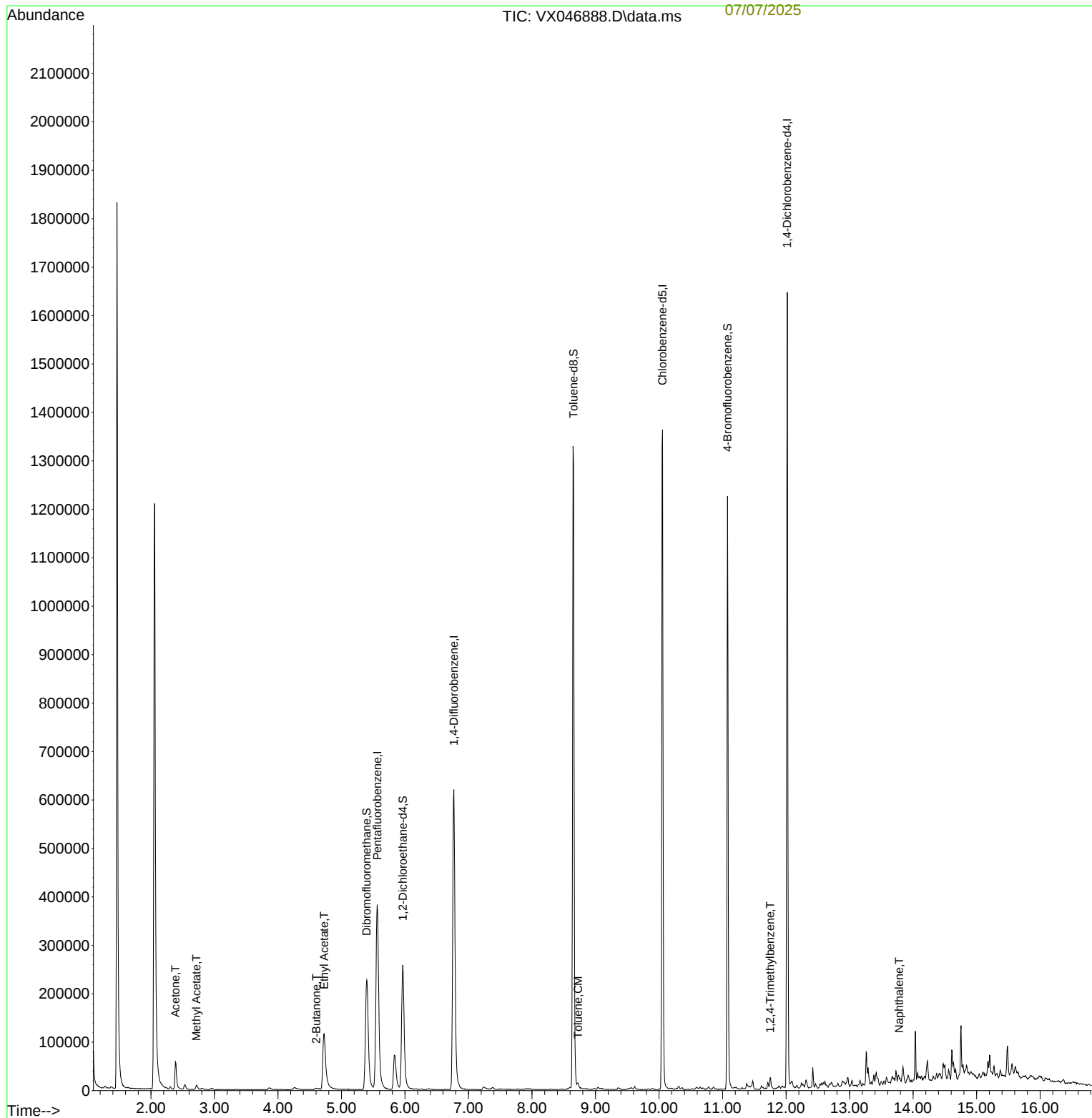
Carlone

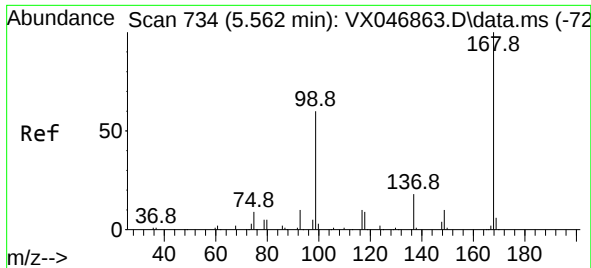
07/07/2025

Supervised By :Mahesh

Dadoda

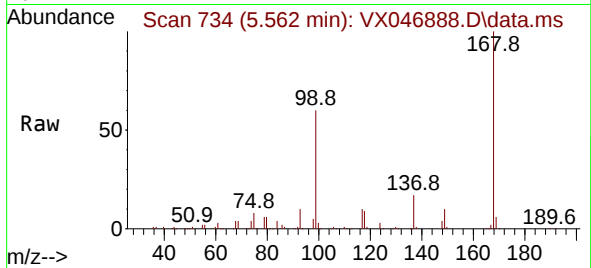
07/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

Instrument :
MSVOA_X
ClientSampleId :
62025-B

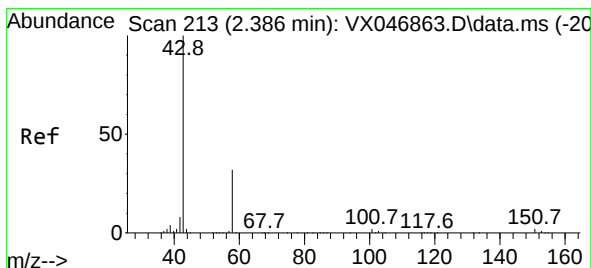
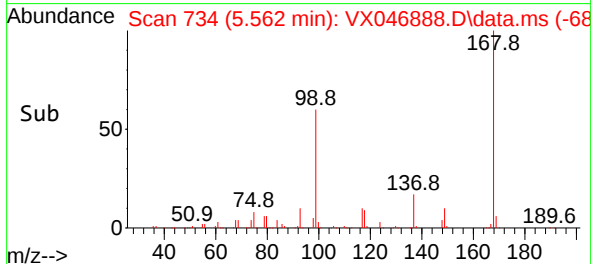
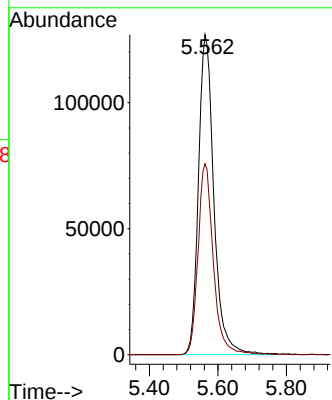


Tgt Ion:168 Resp: 397492
Ion Ratio Lower Upper
168 100
99 59.6 48.8 73.2

Manual Integrations
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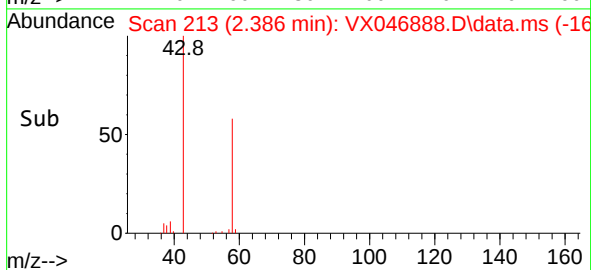
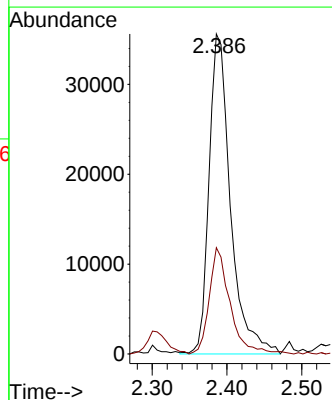
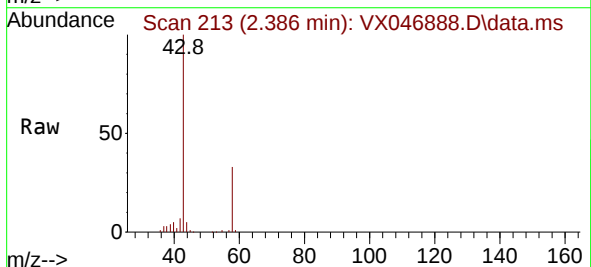
Reviewed By :John
Carlone
07/07/2025

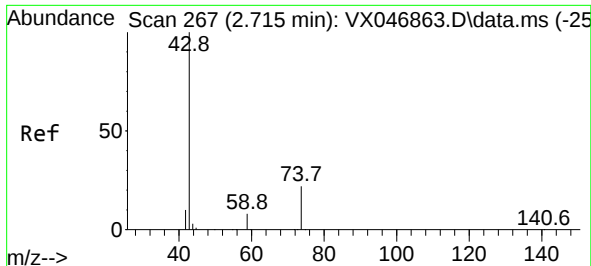
Supervised By :Mahesh
Dadoda
07/07/2025



#16
Acetone
Concen: 43.510 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

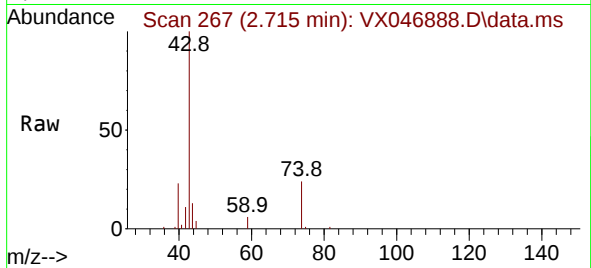
Tgt Ion: 43 Resp: 70971
Ion Ratio Lower Upper
43 100
58 32.5 25.8 38.6





#18
Methyl Acetate
Concen: 3.147 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

Instrument :
MSVOA_X
ClientSampleId :
62025-B

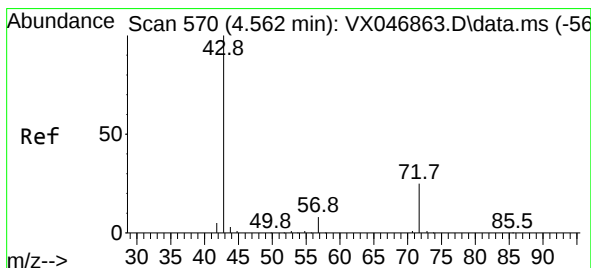
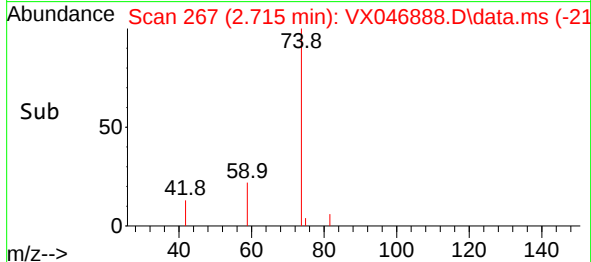
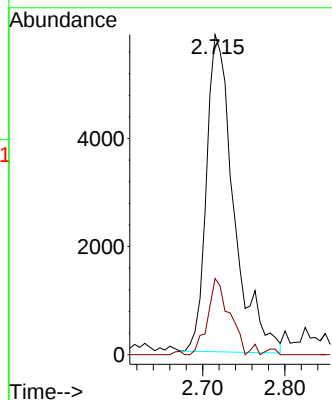


Tgt Ion: 43 Resp: 13530
Ion Ratio Lower Upper
43 100
74 19.0 18.3 27.5

Manual Integrations
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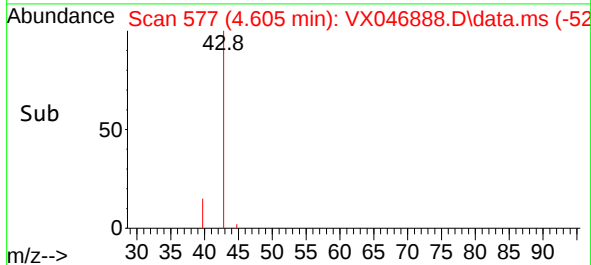
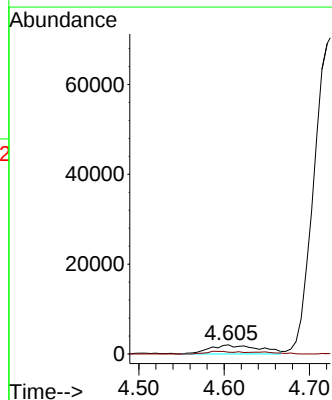
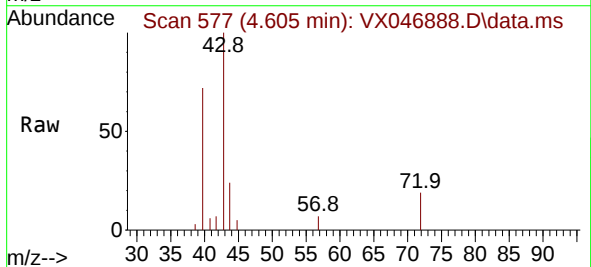
Reviewed By :John
Carlone
07/07/2025

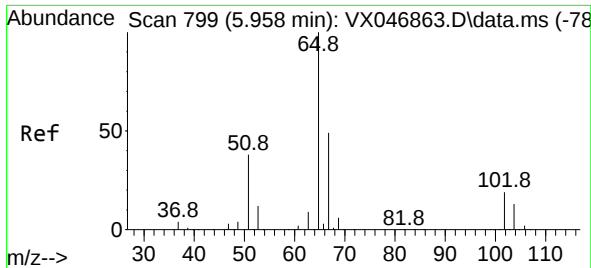
Supervised By :Mahesh
Dadoda
07/07/2025



#25
2-Butanone
Concen: 3.744 ug/l m
RT: 4.605 min Scan# 577
Delta R.T. 0.043 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

Tgt Ion: 43 Resp: 8147
Ion Ratio Lower Upper
43 100
72 18.9 20.0 30.0#





#33
1,2-Dichloroethane-d4
Concen: 50.807 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

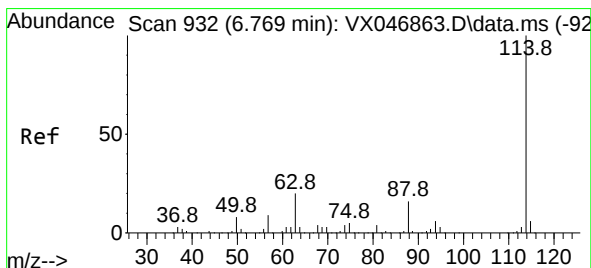
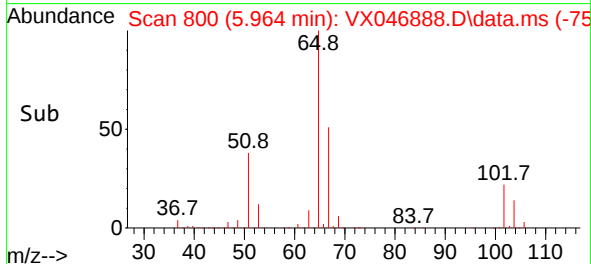
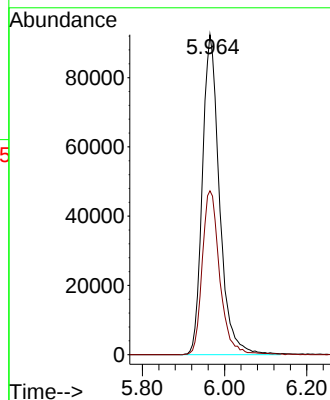
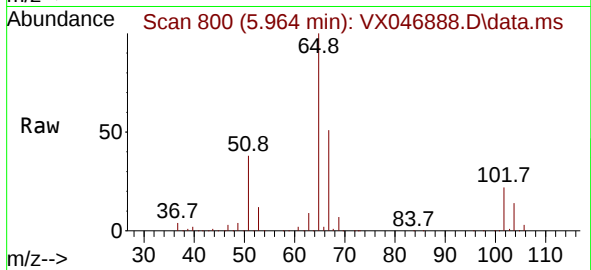
Instrument :
MSVOA_X
ClientSampleId :
62025-B

Tgt Ion: 65 Resp: 26680
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

Manual Integrations
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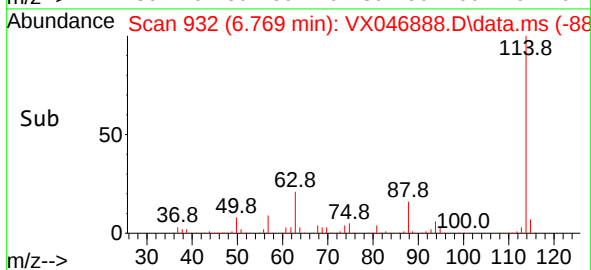
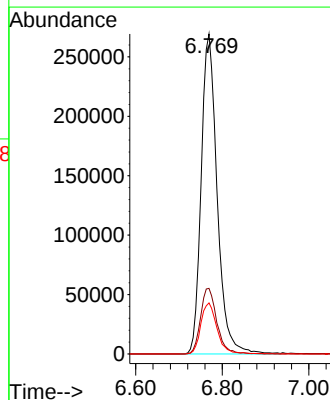
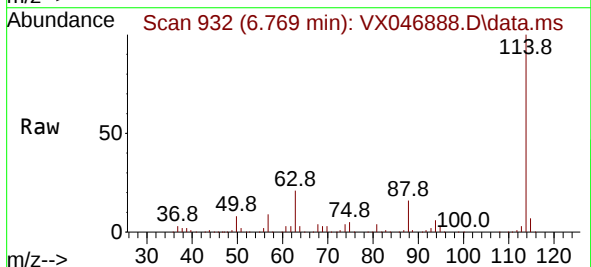
Reviewed By :John
Carlone
07/07/2025

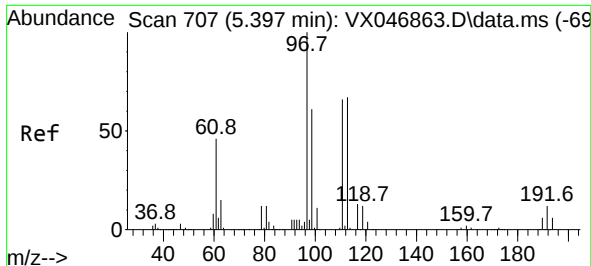
Supervised By :Mahesh
Dadoda
07/07/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

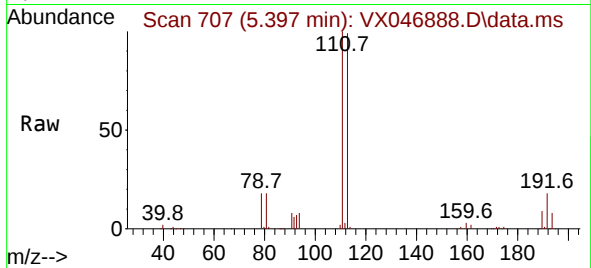
Tgt Ion:114 Resp: 690402
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 16.0 0.0 31.0





#35
Dibromofluoromethane
Concen: 47.801 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

Instrument :
MSVOA_X
ClientSampleId :
62025-B

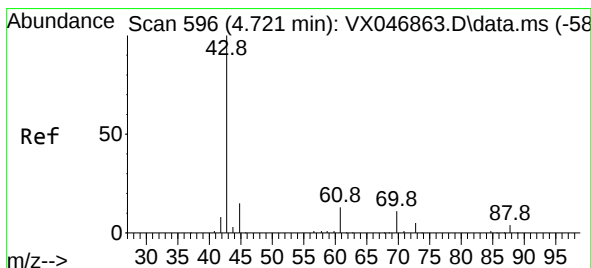
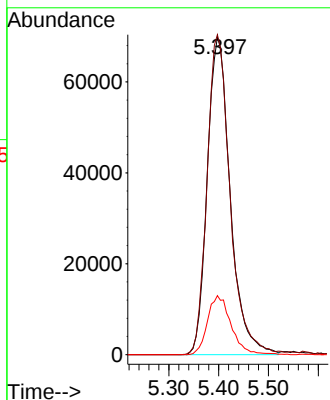
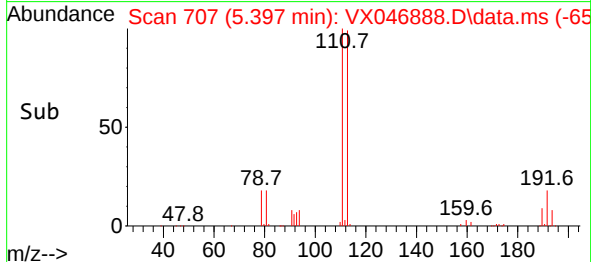


Tgt Ion:113 Resp: 22401
Ion Ratio Lower Upper
113 100
111 101.0 81.2 121.8
192 19.1 15.3 22.9

Manual Integrations
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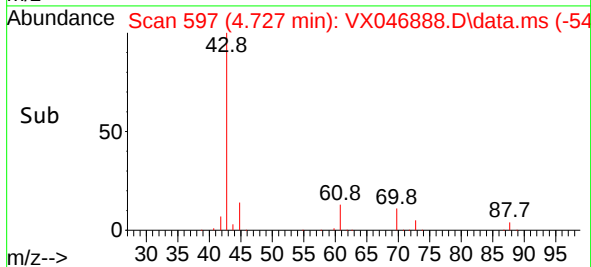
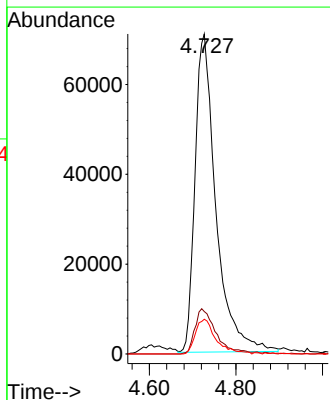
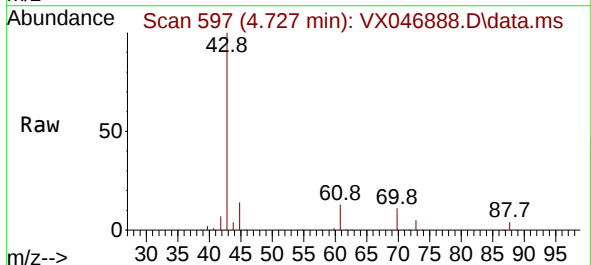
Reviewed By :John
Carlone
07/07/2025

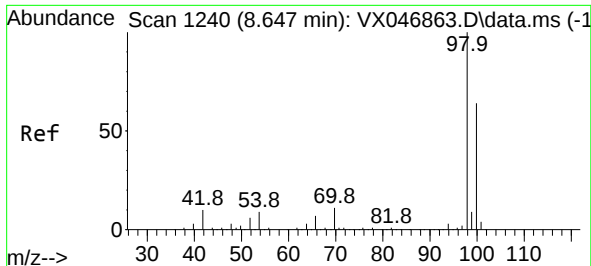
Supervised By :Mahesh
Dadoda
07/07/2025



#37
Ethyl Acetate
Concen: 44.005 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

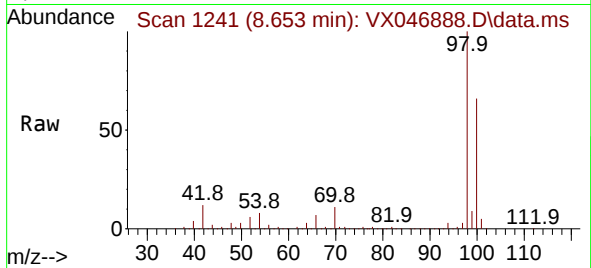
Tgt Ion: 43 Resp: 236985
Ion Ratio Lower Upper
43 100
61 14.3 9.7 14.5
70 10.7 8.3 12.5





#50
Toluene-d8
Concen: 49.380 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

Instrument :
MSVOA_X
ClientSampleId :
62025-B

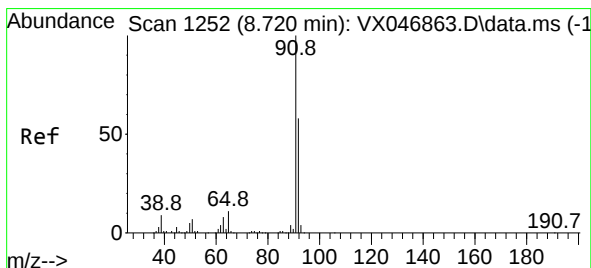
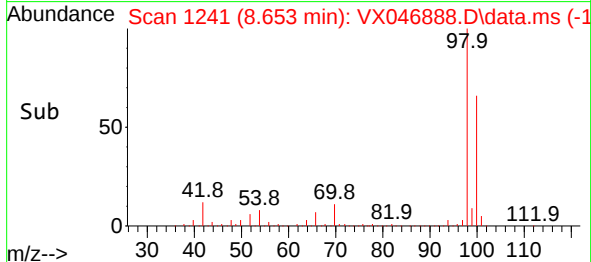
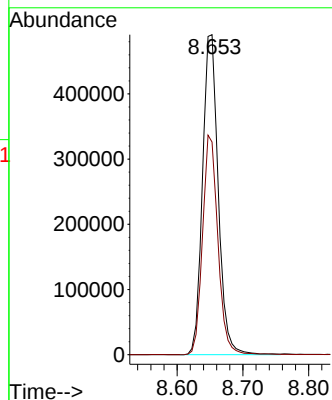


Tgt Ion: 98 Resp: 816489
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6

Manual Integrations
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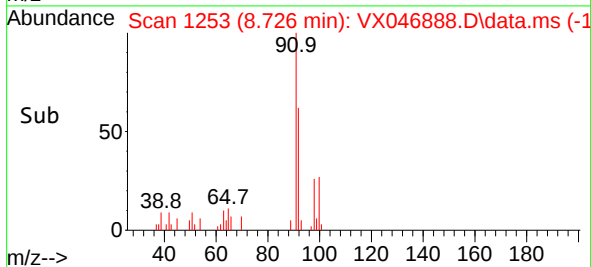
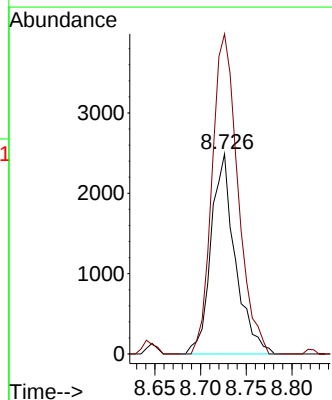
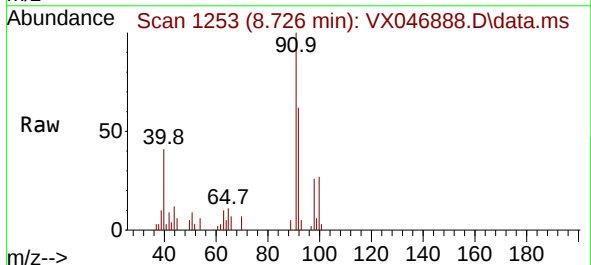
Reviewed By :John
Carlone
07/07/2025

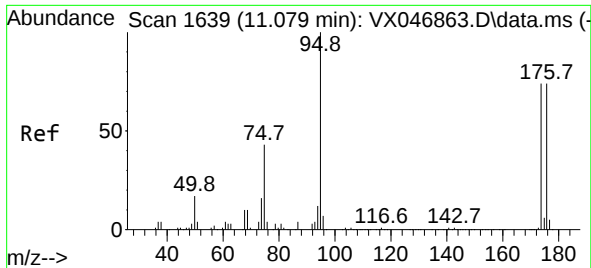
Supervised By :Mahesh
Dadoda
07/07/2025



#52
Toluene
Concen: 0.386 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

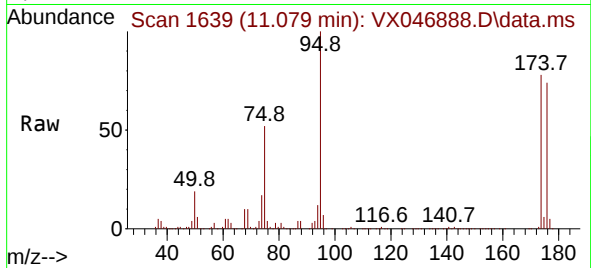
Tgt Ion: 92 Resp: 4576
Ion Ratio Lower Upper
92 100
91 171.0 137.9 206.9





#62
4-Bromofluorobenzene
Concen: 50.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

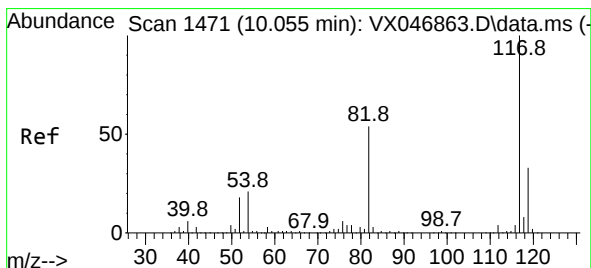
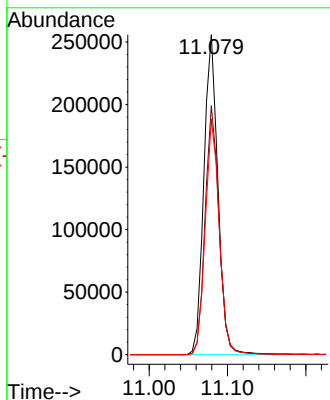
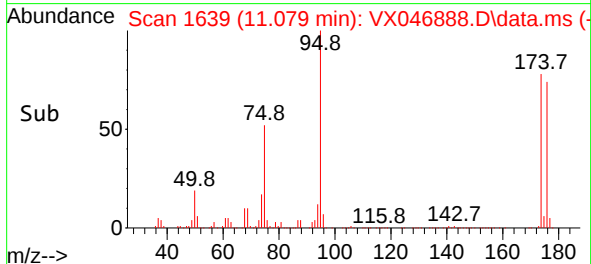
Instrument :
MSVOA_X
ClientSampleId :
62025-B



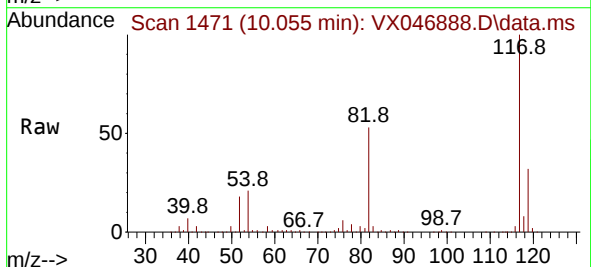
Tgt Ion: 95 Resp: 318634
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.0
176 73.7 0.0 145.2

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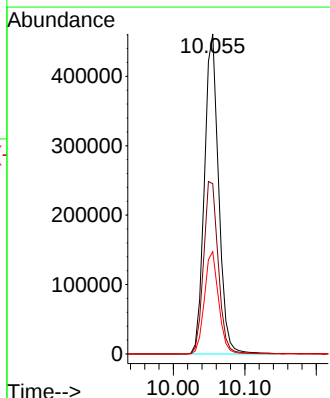
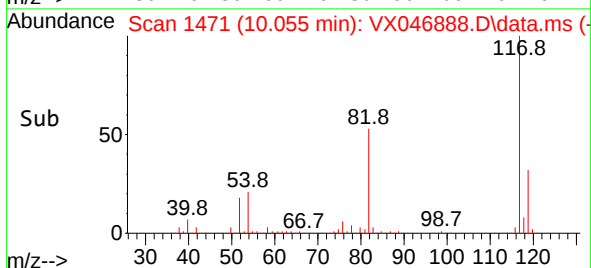
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

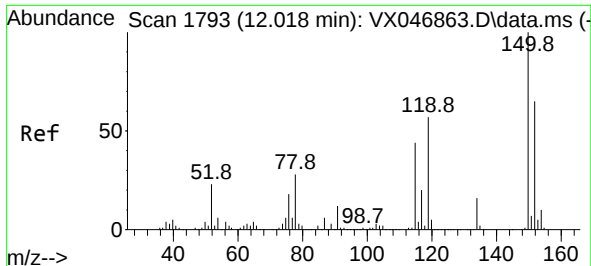


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19



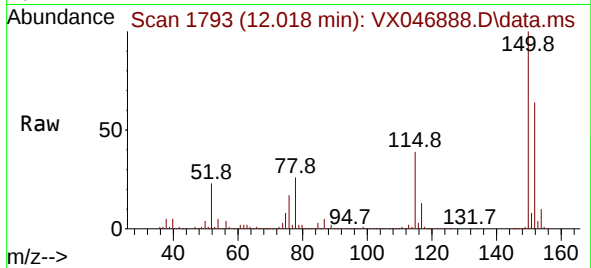
Tgt Ion:117 Resp: 636957
Ion Ratio Lower Upper
117 100
82 53.2 43.3 64.9
119 31.9 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VX046888.D
 Acq: 03 Jul 2025 15:19

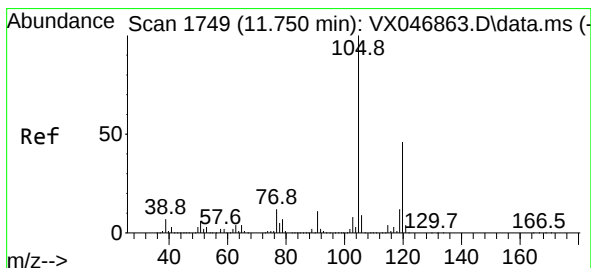
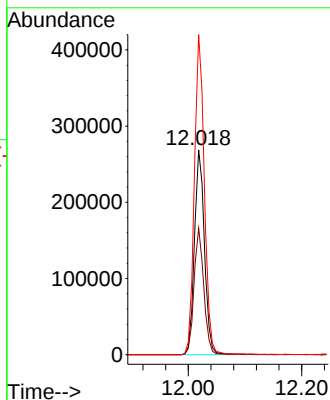
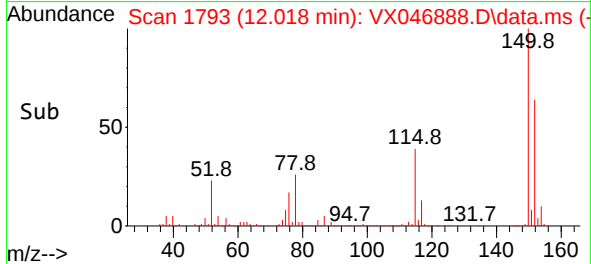
Instrument :
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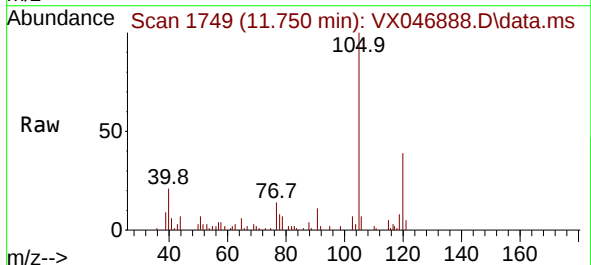
Tgt Ion:152 Resp: 330490
 Ion Ratio Lower Upper
 152 100
 115 60.2 42.4 127.1
 150 156.0 0.0 349.2

Manual Integrations
 APPROVED

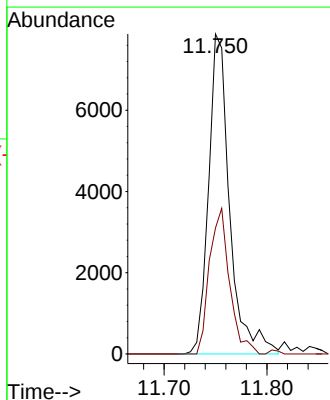
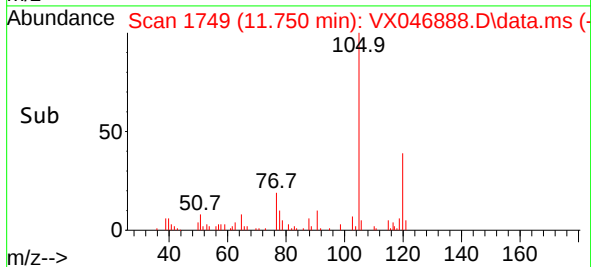
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

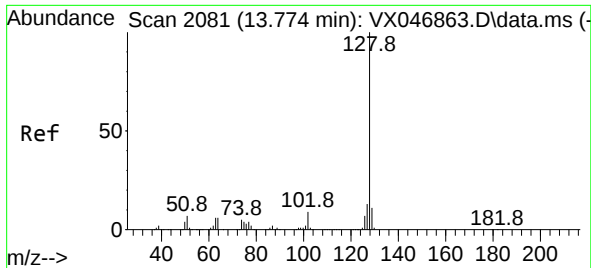


#84
 1,2,4-Trimethylbenzene
 Concen: 0.590 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046888.D
 Acq: 03 Jul 2025 15:19



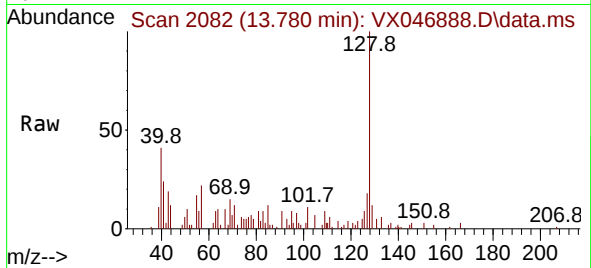
Tgt Ion:105 Resp: 11255
 Ion Ratio Lower Upper
 105 100
 120 43.4 23.3 69.8





#95
Naphthalene
Concen: 0.350 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046888.D
Acq: 03 Jul 2025 15:19

Instrument :
MSVOA_X
ClientSampleId :
62025-B



Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.2	15.4
129	15.0	8.6	13.0

Manual Integrations
APPROVED

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

