

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046086.D
 Acq On : 08 May 2025 13:18
 Operator : JC/MD
 Sample : PB167895TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167895TB

Quant Time: May 09 01:56:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	63588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62825	52.995	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.000%			
35) Dibromofluoromethane	5.385	113	45822	50.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	8.647	98	159277	50.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.460%			
62) 4-Bromofluorobenzene	11.079	95	58671	48.718	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.440%			
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	34819	73.253	ug/l	96
18) Methyl Acetate	2.703	43	1549	1.404	ug/l	100
20) Methylene Chloride	2.788	84	3988	4.378	ug/l	88
25) 2-Butanone	4.593	43	3977m	5.763	ug/l	
43) Isopropyl Acetate	6.355	43	11952	5.203	ug/l	98

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

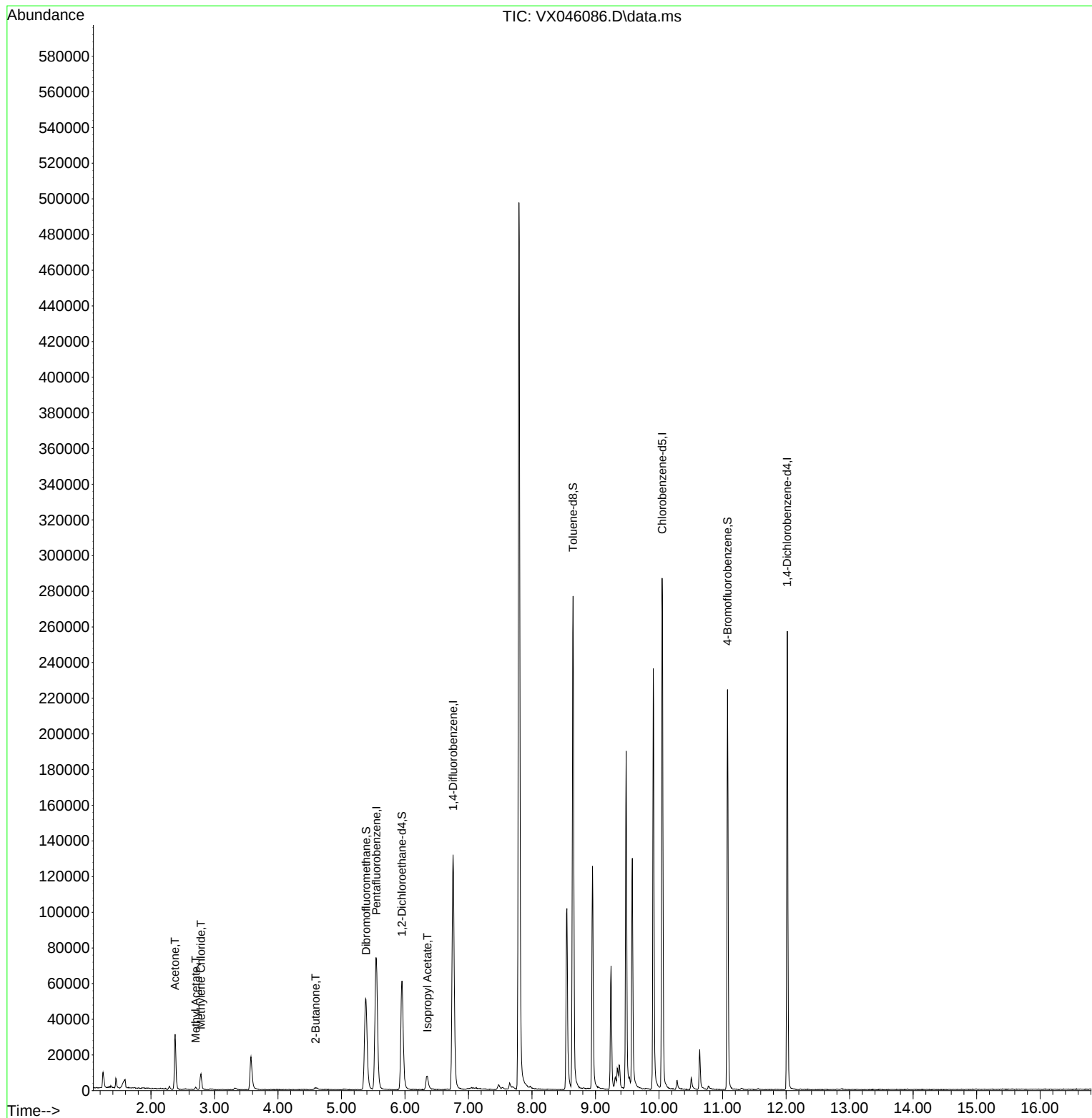
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
Data File : VX046086.D
Acq On : 08 May 2025 13:18
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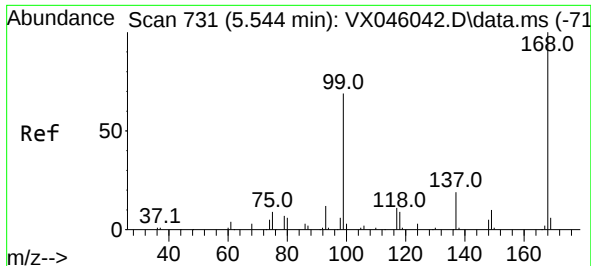
Instrument :
MSVOA_X
ClientSampleId :
PB167895TB

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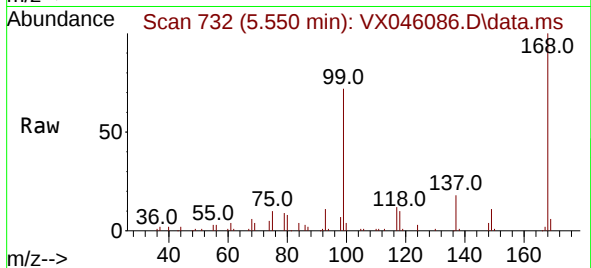
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

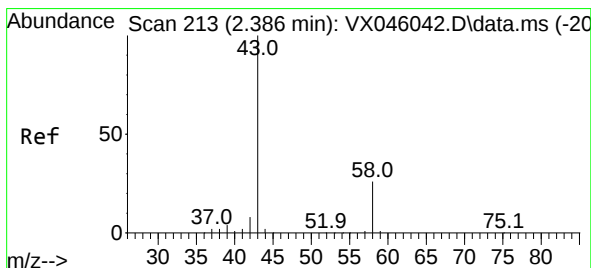
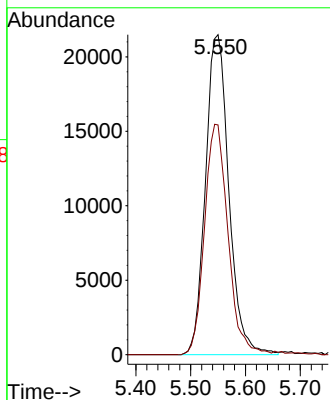
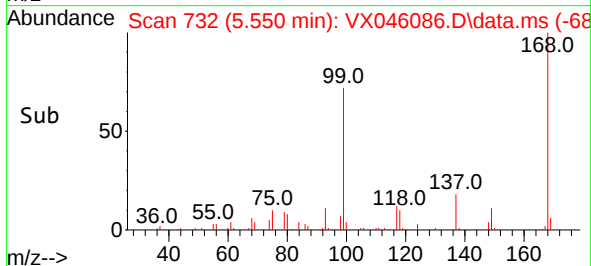
Instrument :
MSVOA_X
ClientSampleId :
PB167895TB



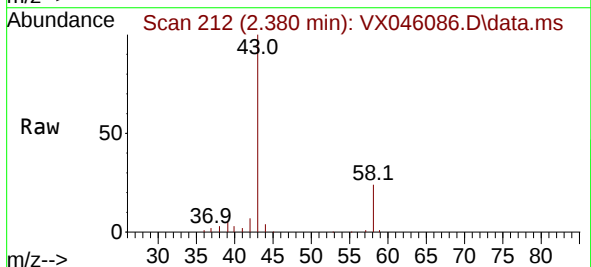
Tgt Ion:168 Resp: 6358
Ion Ratio Lower Upper
168 100
99 71.8 54.9 82.3

Manual Integrations
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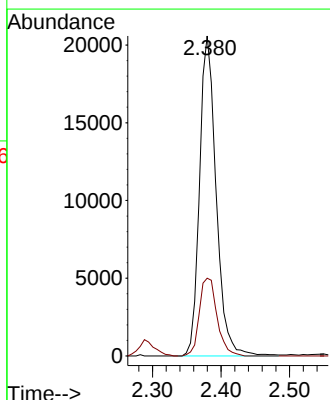
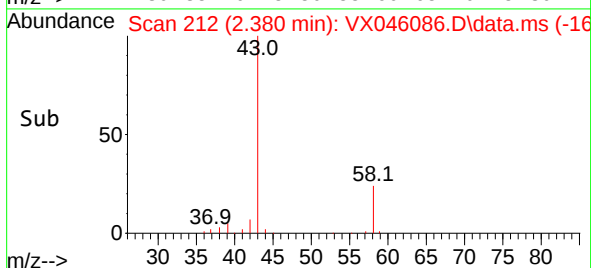
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

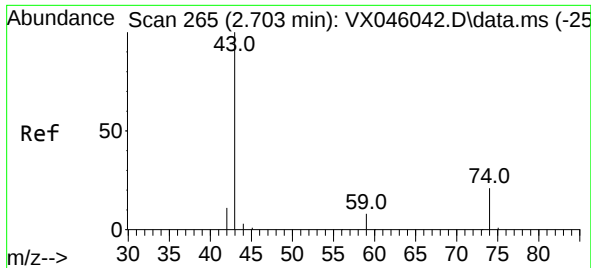


#16
Acetone
Concen: 73.253 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18



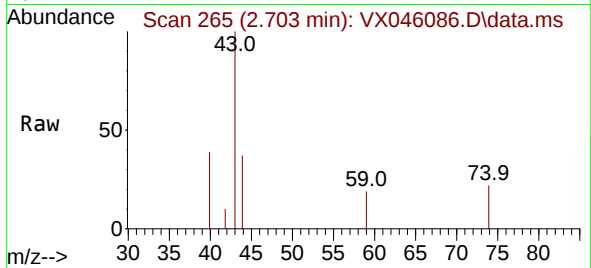
Tgt Ion: 43 Resp: 34819
Ion Ratio Lower Upper
43 100
58 24.3 21.2 31.8





#18
Methyl Acetate
Concen: 1.404 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

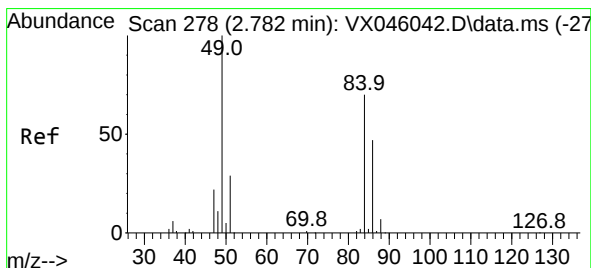
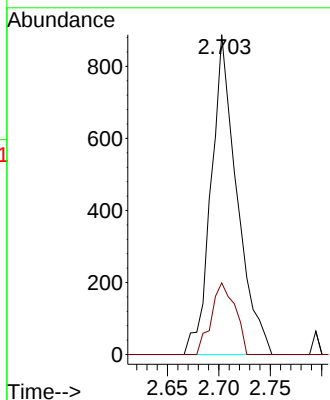
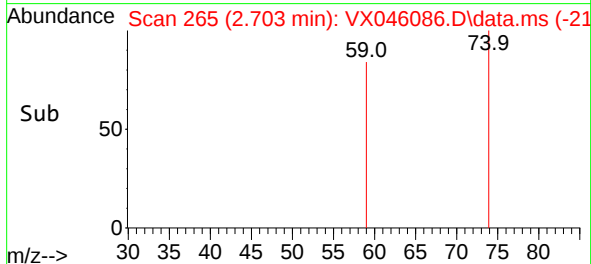
Instrument :
MSVOA_X
ClientSampleId :
PB167895TB



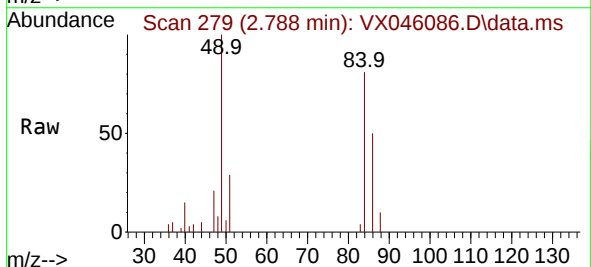
Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1

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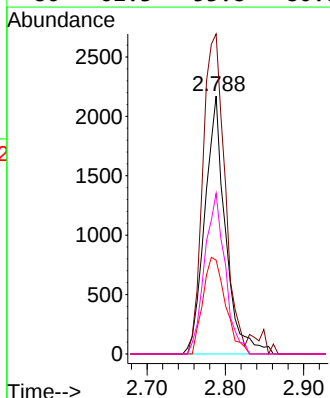
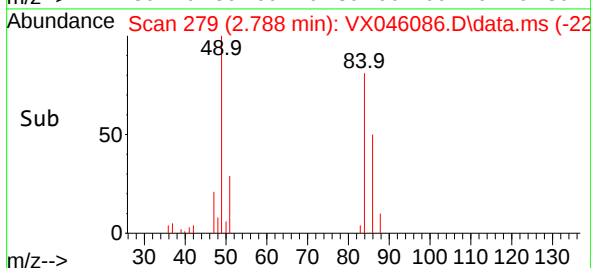
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

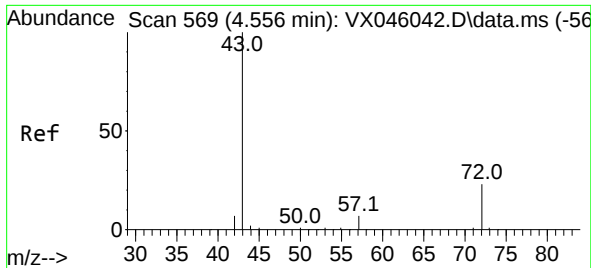


#20
Methylene Chloride
Concen: 4.378 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18



Tgt Ion: 84 Resp: 3988
Ion Ratio Lower Upper
84 100
49 124.1 113.9 170.9
51 36.3 33.5 50.3
86 62.3 53.8 80.8





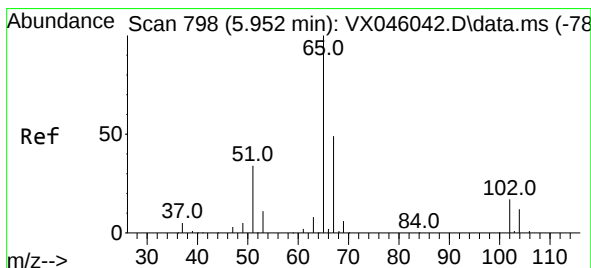
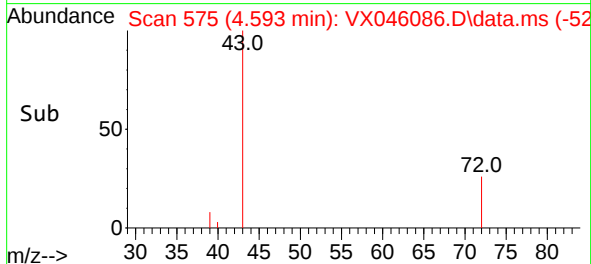
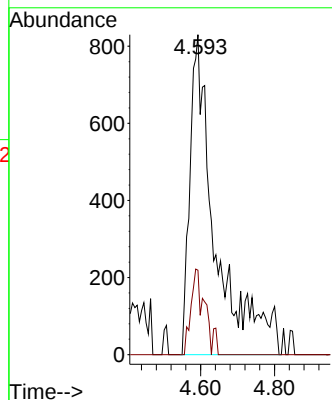
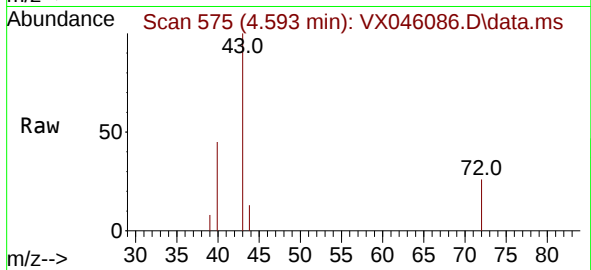
#25
2-Butanone
Concen: 5.763 ug/l m
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB167895TB

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
72 26.4 18.4 27.6

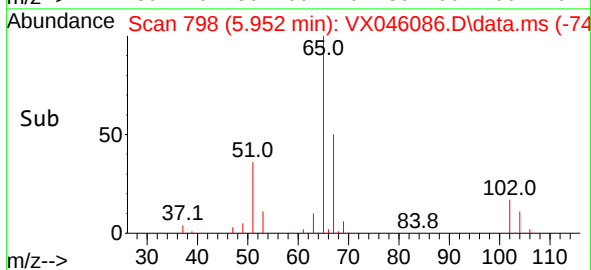
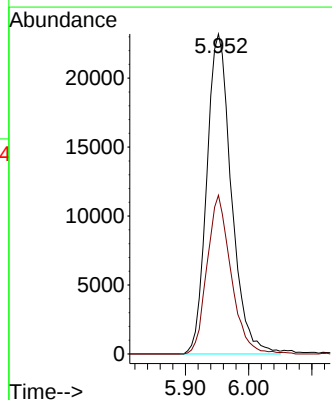
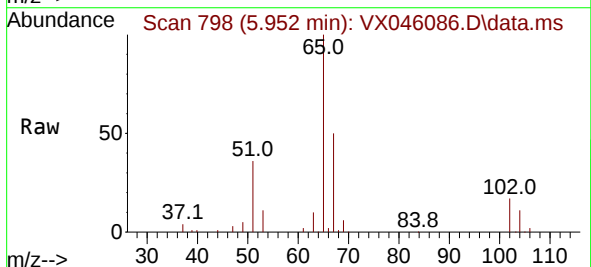
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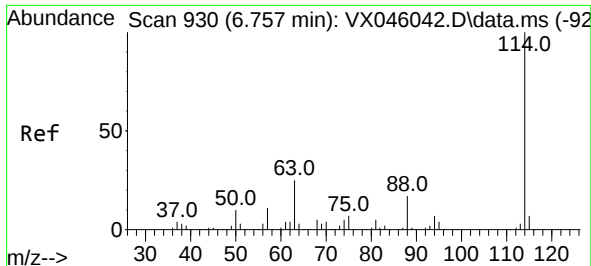
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#33
1,2-Dichloroethane-d4
Concen: 52.995 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

Tgt Ion: 65 Resp: 62825
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.0





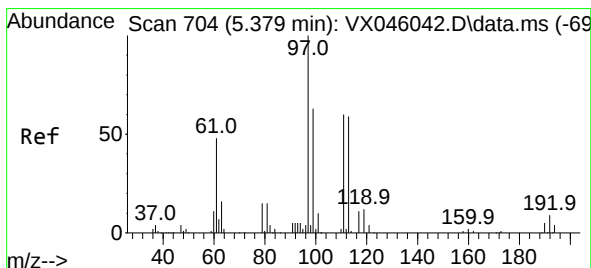
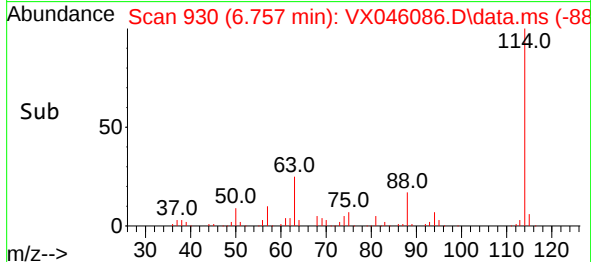
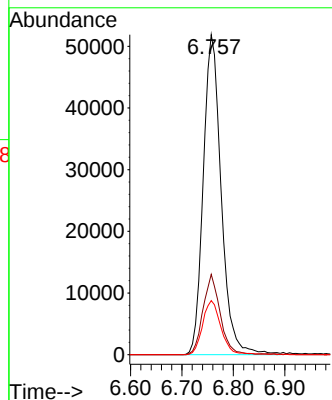
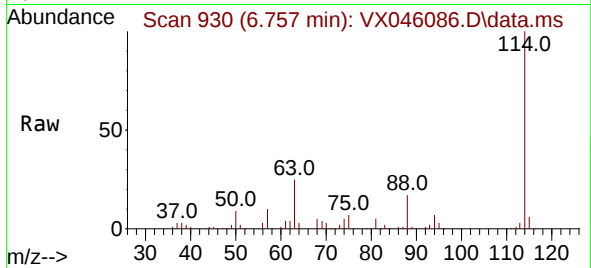
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB167895TB

Tgt Ion:114 Resp: 12596
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.2
88 16.9 0.0 33.6

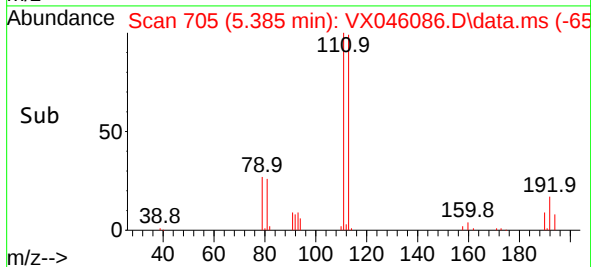
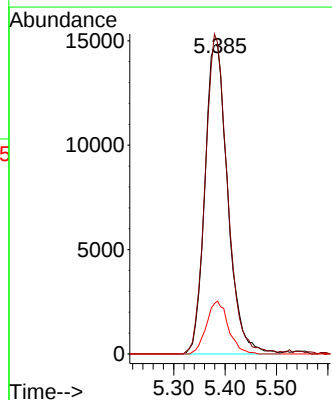
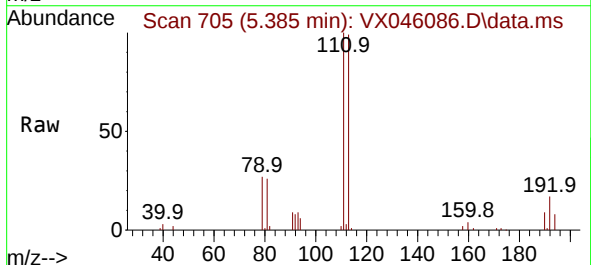
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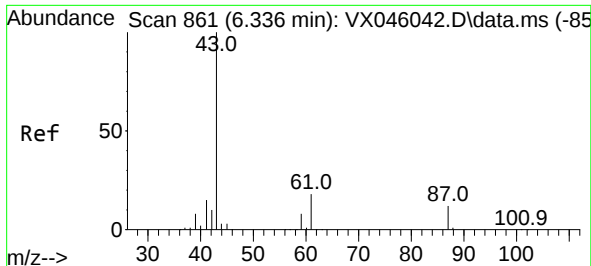
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#35
Dibromofluoromethane
Concen: 50.515 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

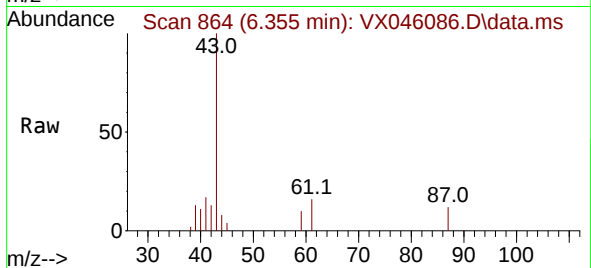
Tgt Ion:113 Resp: 45822
Ion Ratio Lower Upper
113 100
111 100.9 83.1 124.7
192 16.3 13.3 19.9





#43
Isopropyl Acetate
Concen: 5.203 ug/l
RT: 6.355 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

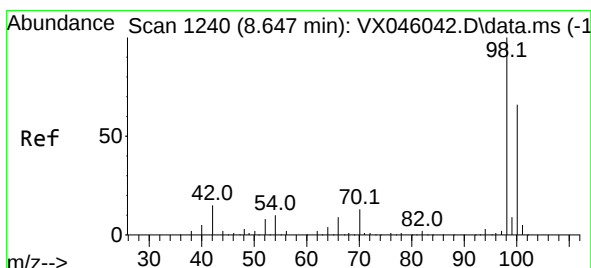
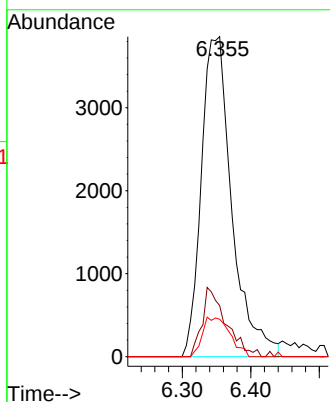
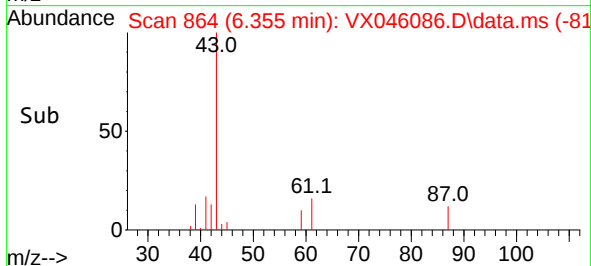
Instrument :
MSVOA_X
ClientSampleId :
PB167895TB



Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
61 17.0 14.3 21.5
87 11.0 9.5 14.3

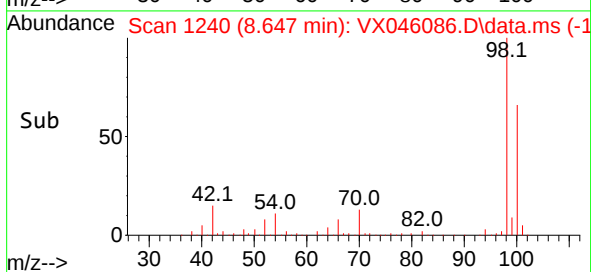
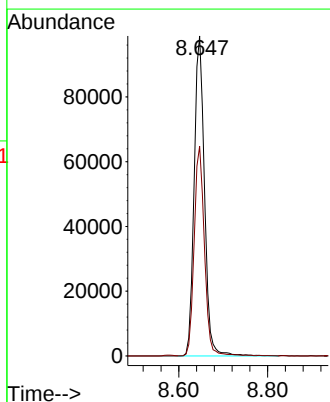
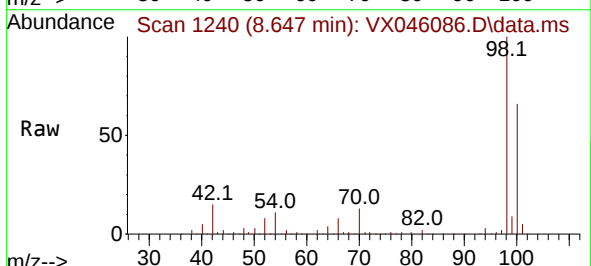
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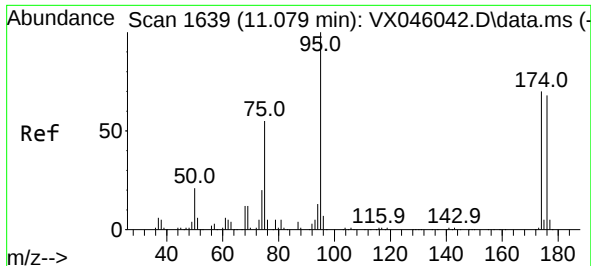
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
Toluene-d8
Concen: 50.732 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

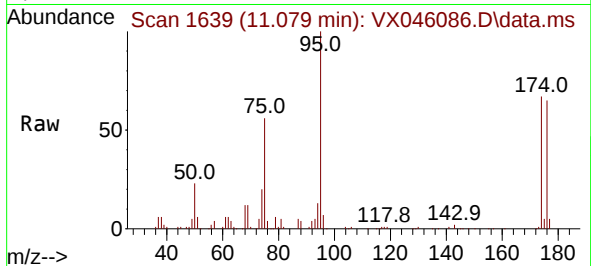
Tgt Ion: 98 Resp: 159277
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 48.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18

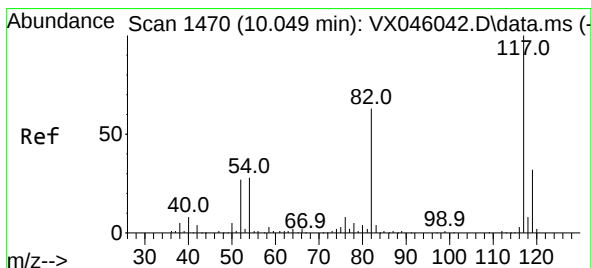
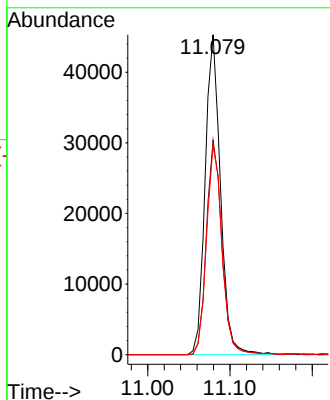
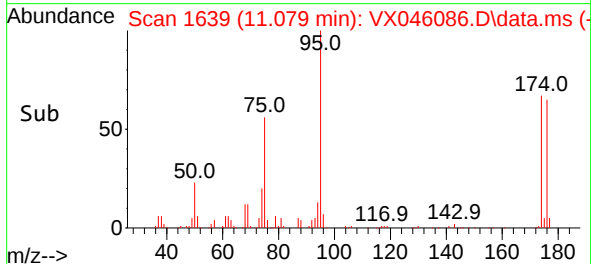
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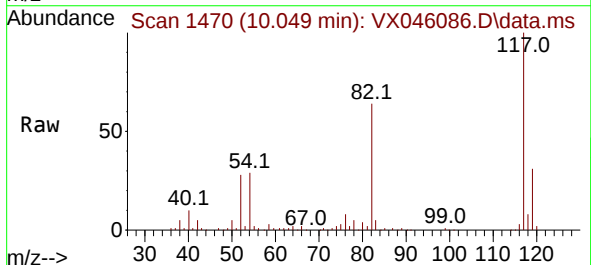
Tgt Ion: 95 Resp: 5867
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 66.0 0.0 131.4

Manual Integrations
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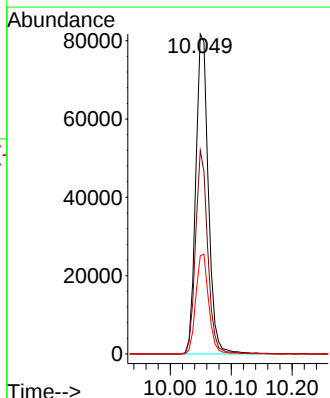
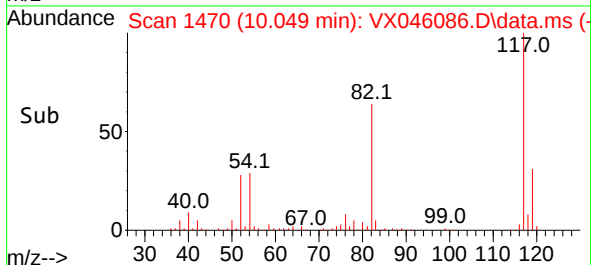
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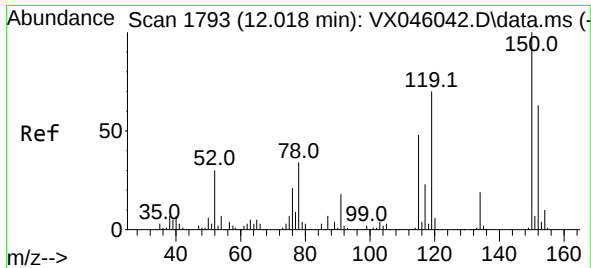


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046086.D
Acq: 08 May 2025 13:18



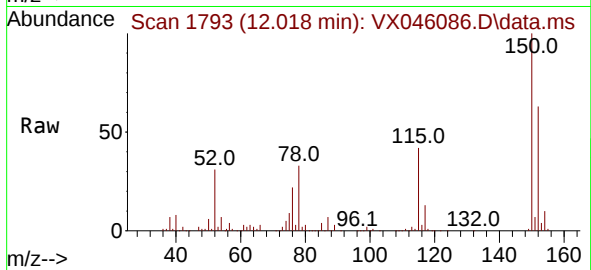
Tgt Ion:117 Resp: 117113
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 30.7 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046086.D
 Acq: 08 May 2025 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167895TB



Tgt Ion:152 Resp: 46772
 Ion Ratio Lower Upper
 152 100
 115 66.3 46.9 140.7
 150 156.4 0.0 351.0

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