

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046088.D
 Acq On : 08 May 2025 14:05
 Operator : JC/MD
 Sample : Q1968-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-M

Manual Integrations
 APPROVED

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

Quant Time: May 09 01:57:07 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

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	63440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63511	53.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.400%			
35) Dibromofluoromethane	5.385	113	46411	50.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.160%			
50) Toluene-d8	8.647	98	162194	50.571	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	61332	49.853	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.700%			
Target Compounds					Qvalue	
16) Acetone	2.379	43	21274	44.861	ug/l	98
18) Methyl Acetate	2.709	43	1849	1.680	ug/l	94
20) Methylene Chloride	2.788	84	2217	2.440	ug/l	92
25) 2-Butanone	4.592	43	3665m	5.323	ug/l	
43) Isopropyl Acetate	6.348	43	11300	4.815	ug/l	99

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

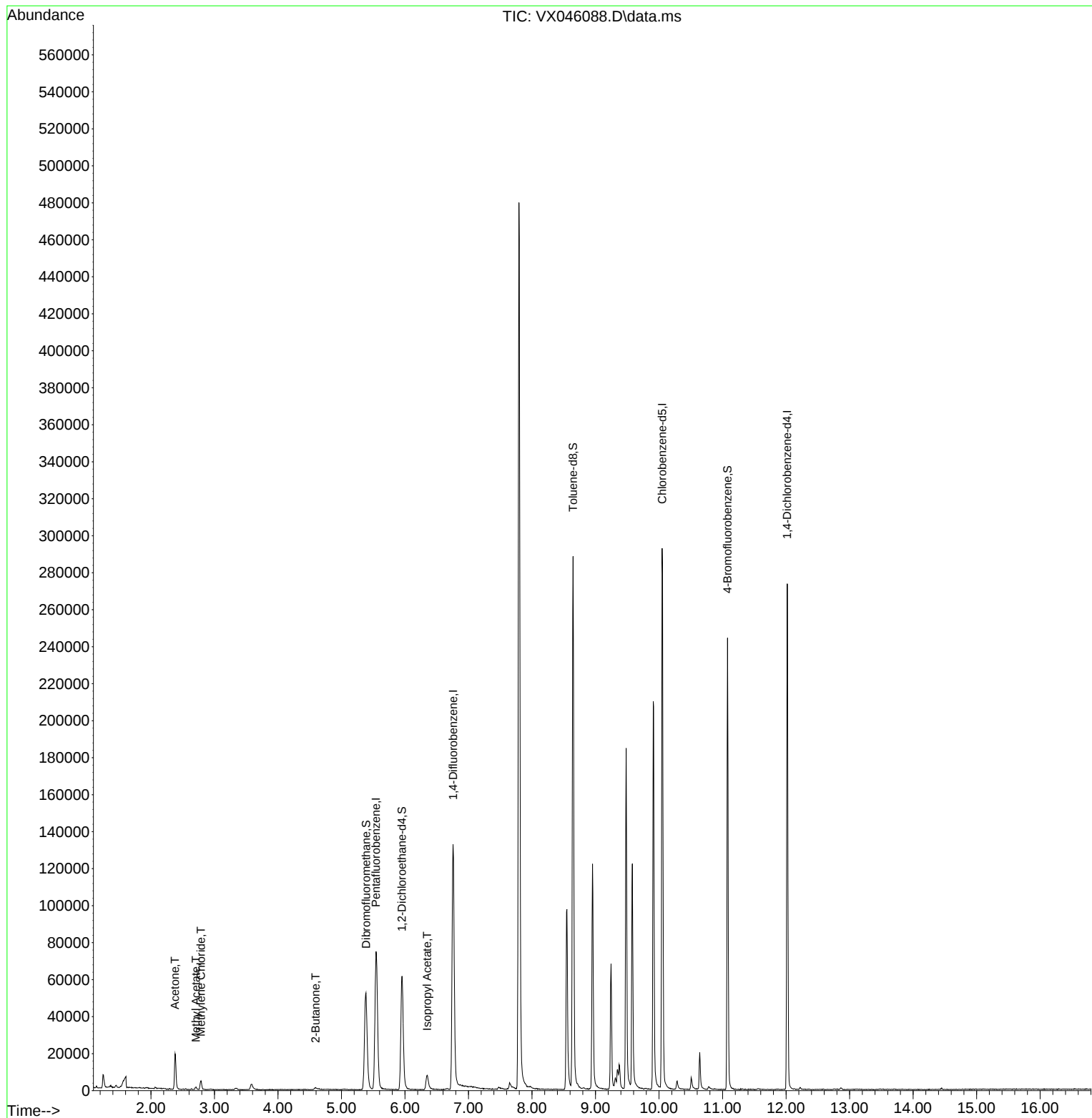
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
Data File : VX046088.D
Acq On : 08 May 2025 14:05
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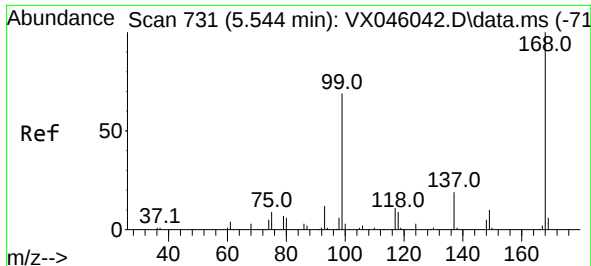
Instrument :
MSVOA_X
ClientSampleId :
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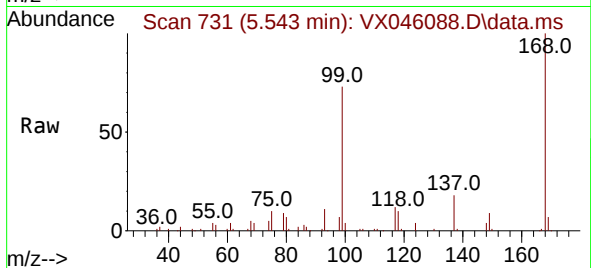
Quant Time: May 09 01:57:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05

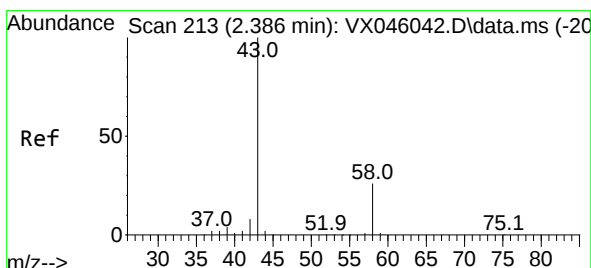
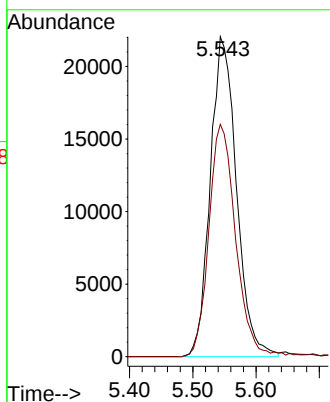
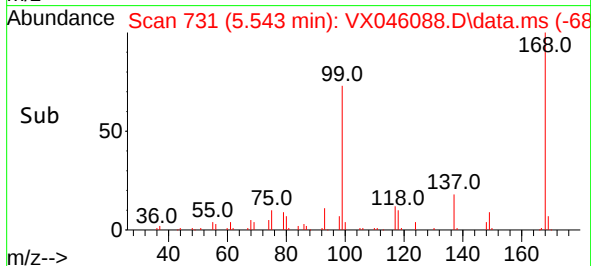
Instrument :
MSVOA_X
ClientSampleId :
MH-M



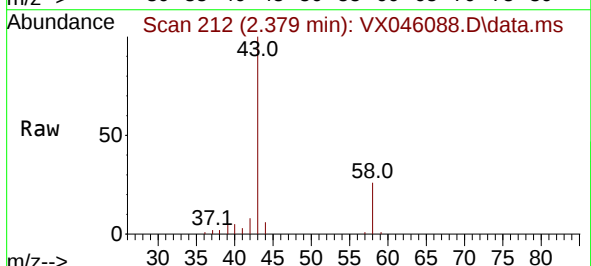
Tgt Ion:168 Resp: 63440
Ion Ratio Lower Upper
168 100
99 72.6 54.9 82.3

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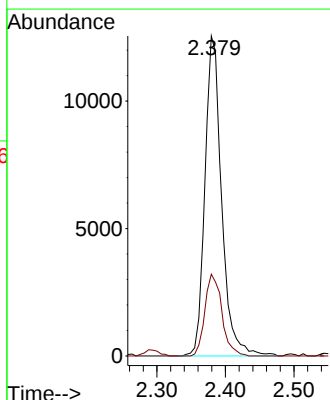
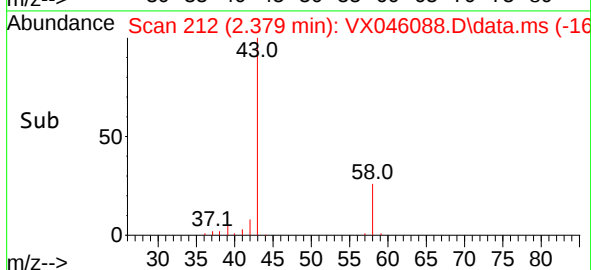
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

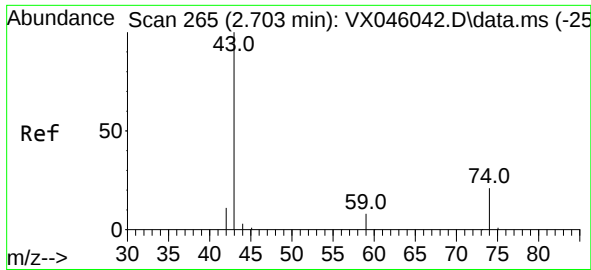


#16
Acetone
Concen: 44.861 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05



Tgt Ion: 43 Resp: 21274
Ion Ratio Lower Upper
43 100
58 25.6 21.2 31.8





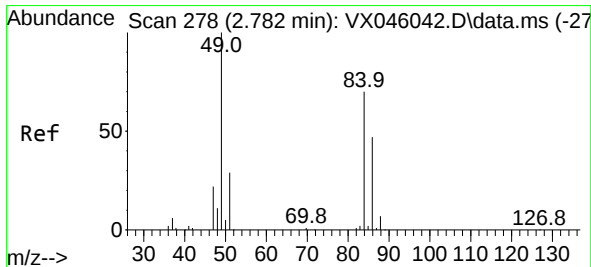
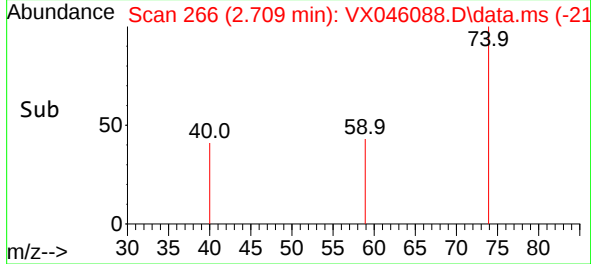
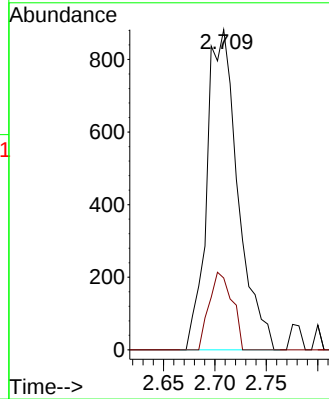
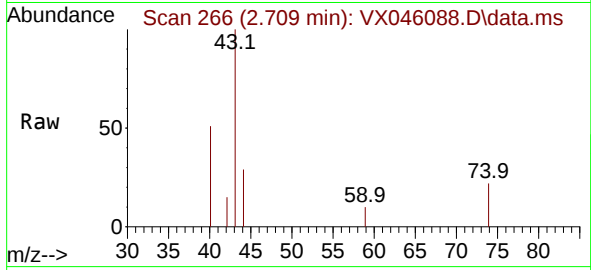
#18
Methyl Acetate
Concen: 1.680 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05

Instrument :
MSVOA_X
ClientSampleId :
MH-M

Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
74 18.0 16.7 25.1

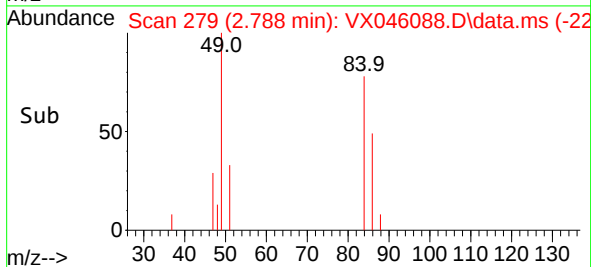
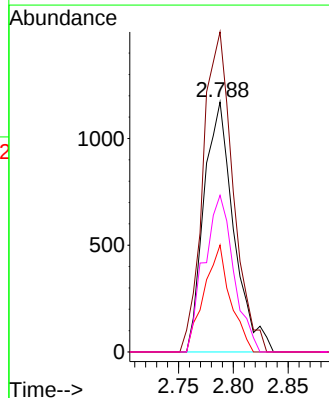
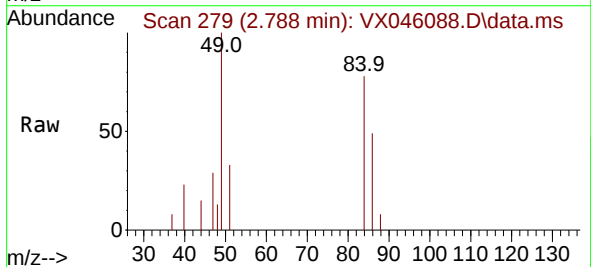
Manual Integrations
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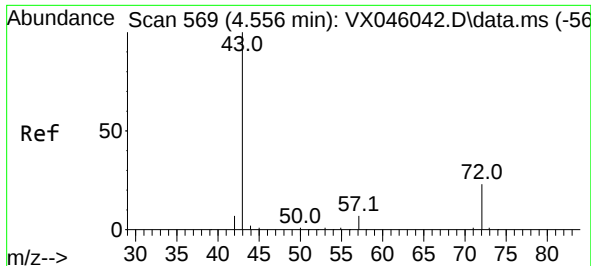
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#20
Methylene Chloride
Concen: 2.440 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05

Tgt Ion: 84 Resp: 2217
Ion Ratio Lower Upper
84 100
49 128.0 113.9 170.9
51 42.8 33.5 50.3
86 62.7 53.8 80.8





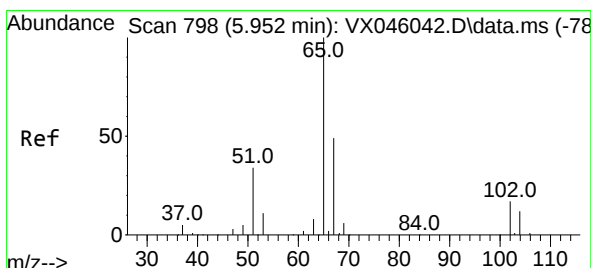
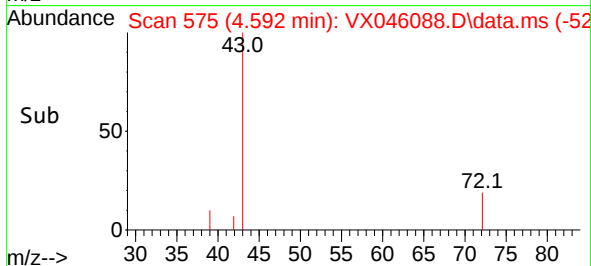
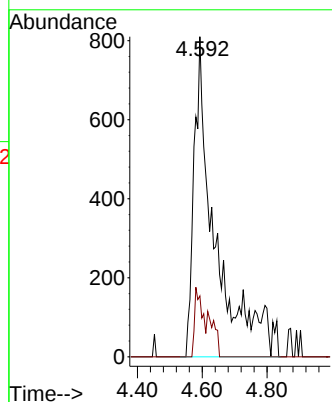
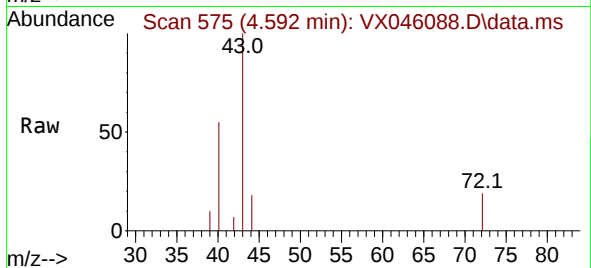
#25
2-Butanone
Concen: 5.323 ug/l m
RT: 4.592 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05

Instrument :
MSVOA_X
ClientSampleId :
MH-M

Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
72 19.0 18.4 27.6

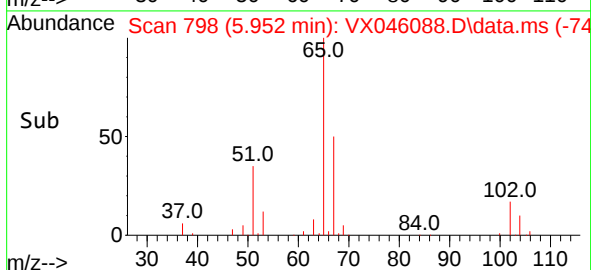
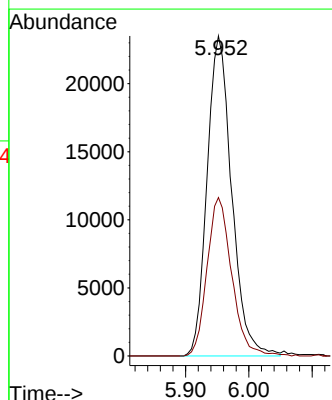
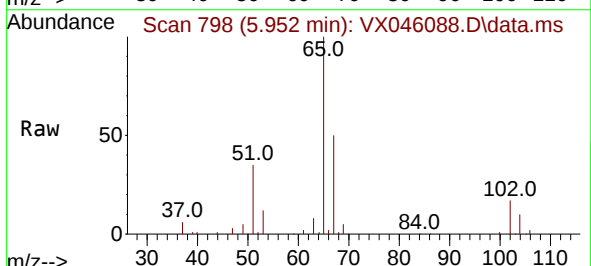
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#33
1,2-Dichloroethane-d4
Concen: 53.699 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05

Tgt Ion: 65 Resp: 63511
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0





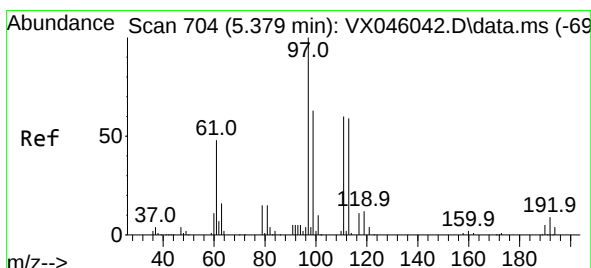
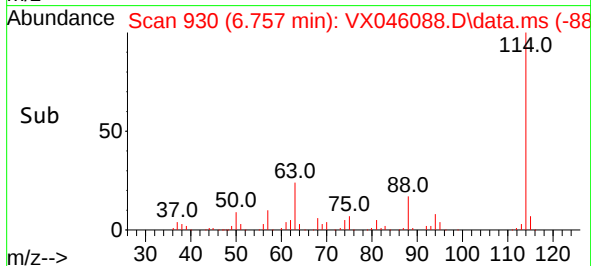
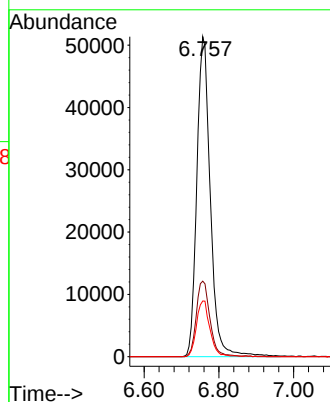
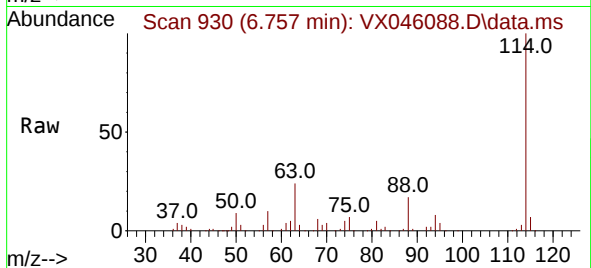
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05

Instrument :
MSVOA_X
ClientSampleId :
MH-M

Tgt Ion:114 Resp: 12868
Ion Ratio Lower Upper
114 100
63 23.6 0.0 49.2
88 17.4 0.0 33.6

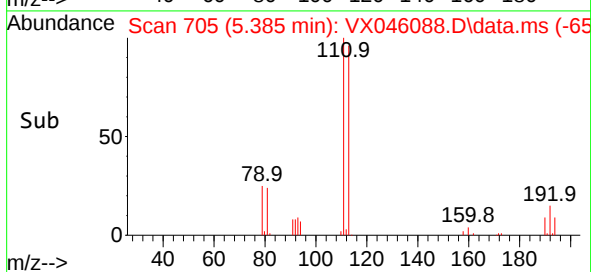
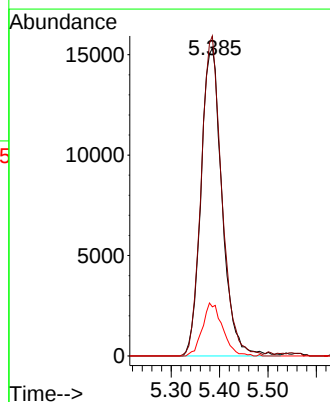
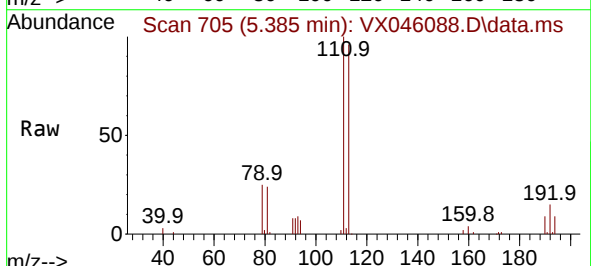
Manual Integrations
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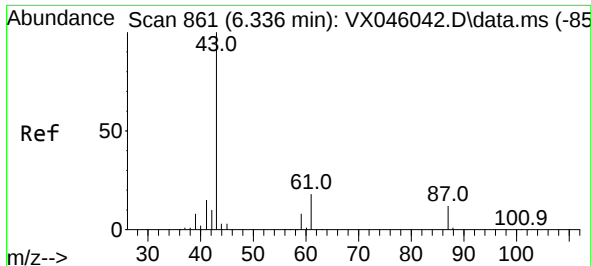
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#35
Dibromofluoromethane
Concen: 50.085 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05

Tgt Ion:113 Resp: 46411
Ion Ratio Lower Upper
113 100
111 101.3 83.1 124.7
192 16.5 13.3 19.9





#43

Isopropyl Acetate

Concen: 4.815 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046088.D

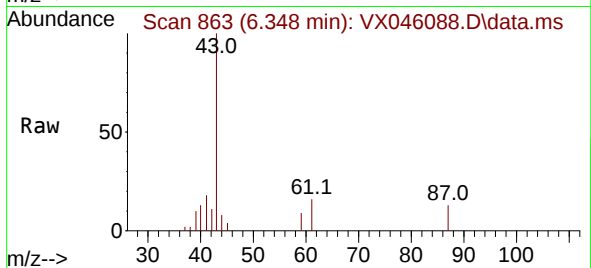
Acq: 08 May 2025 14:05

Instrument :

MSVOA_X

ClientSampleId :

MH-M



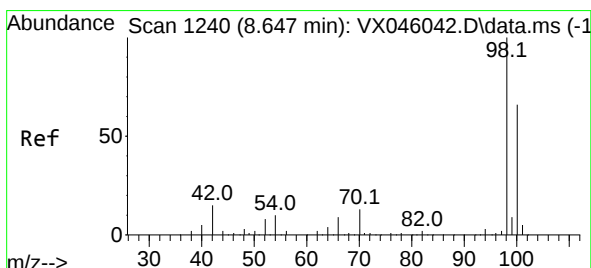
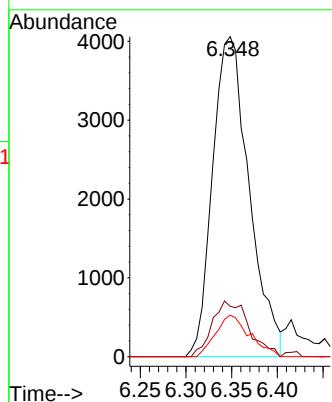
Tgt Ion: 43	Resp: 11300
Ion Ratio	Lower Upper
43	100
61	17.5 14.3 21.5
87	12.1 9.5 14.3

Manual Integrations

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#50

Toluene-d8

Concen: 50.571 ug/l

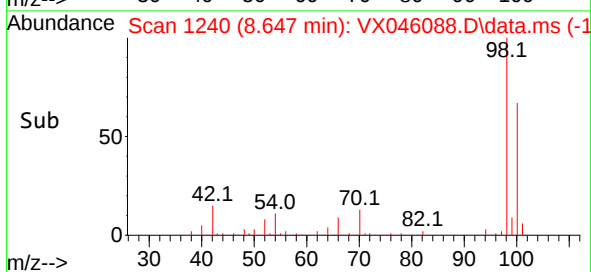
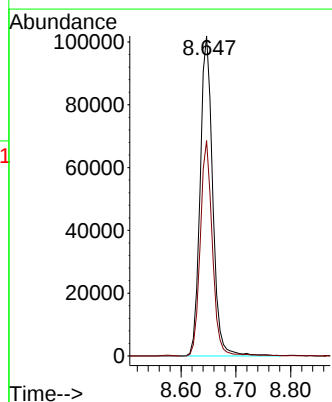
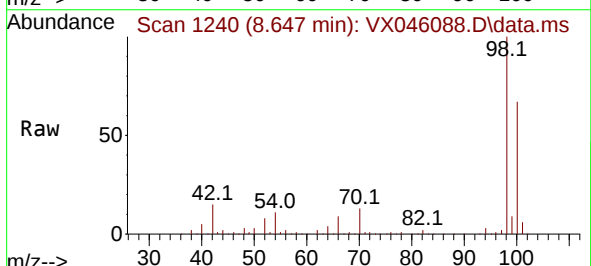
RT: 8.647 min Scan# 1240

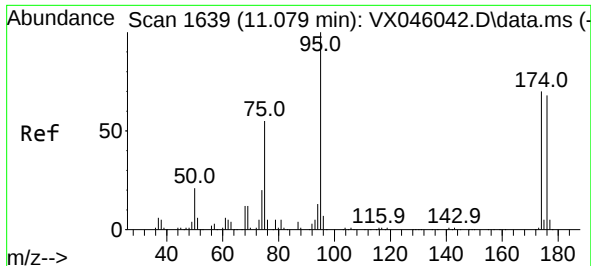
Delta R.T. -0.000 min

Lab File: VX046088.D

Acq: 08 May 2025 14:05

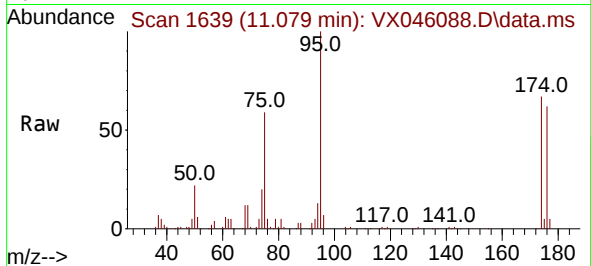
Tgt Ion: 98	Resp: 162194
Ion Ratio	Lower Upper
98	100
100	65.1 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 49.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05

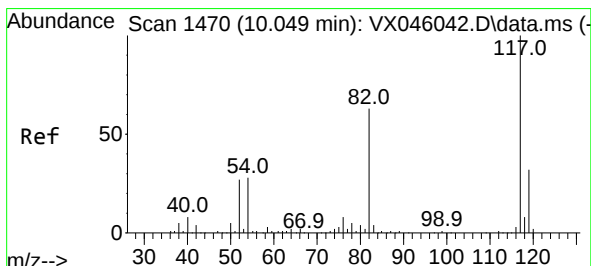
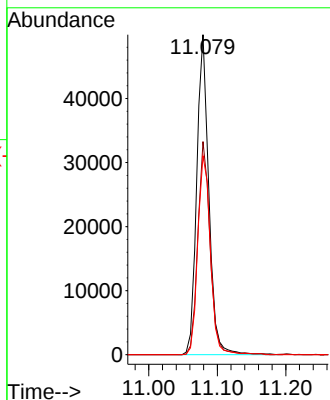
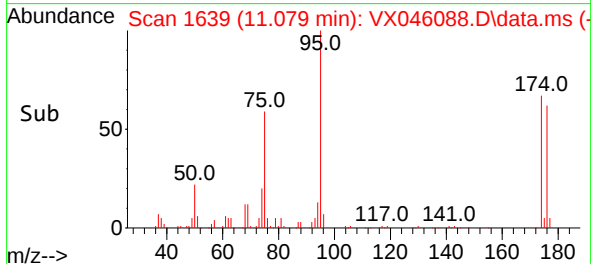
Instrument :
MSVOA_X
ClientSampleId :
MH-M



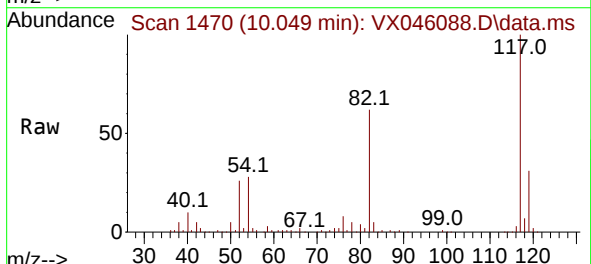
Tgt Ion: 95 Resp: 61332
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.3 0.0 131.4

Manual Integrations
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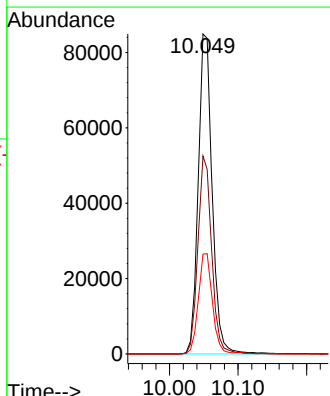
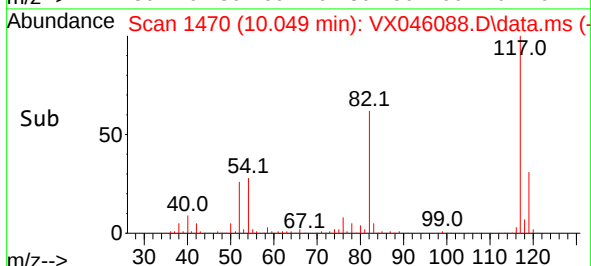
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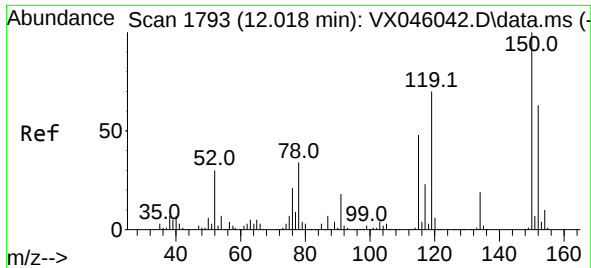


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046088.D
Acq: 08 May 2025 14:05



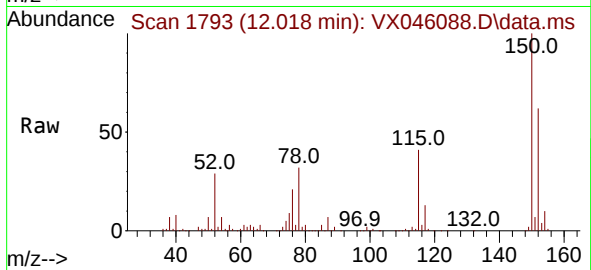
Tgt Ion:117 Resp: 120464
Ion Ratio Lower Upper
117 100
82 61.9 50.6 76.0
119 31.2 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046088.D
 Acq: 08 May 2025 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-M



Tgt Ion:152 Resp: 5015
 Ion Ratio Lower Upper
 152 100
 115 64.7 46.9 140.7
 150 157.2 0.0 351.0

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