

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046427.D
 Acq On : 30 May 2025 17:23
 Operator : JC/MD
 Sample : Q2162-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-EB-20250529

Quant Time: May 30 23:32:19 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 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	61473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62662	54.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.360%			
35) Dibromofluoromethane	5.385	113	46103	51.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	8.647	98	158514	50.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	59228	49.538	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.080%			
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	50891	110.750	ug/l	97
20) Methylene Chloride	2.782	84	1993	2.263	ug/l #	89
25) 2-Butanone	4.568	43	10062	15.083	ug/l	99
29) Tetrahydrofuran	5.038	42	2363m	5.653	ug/l	

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

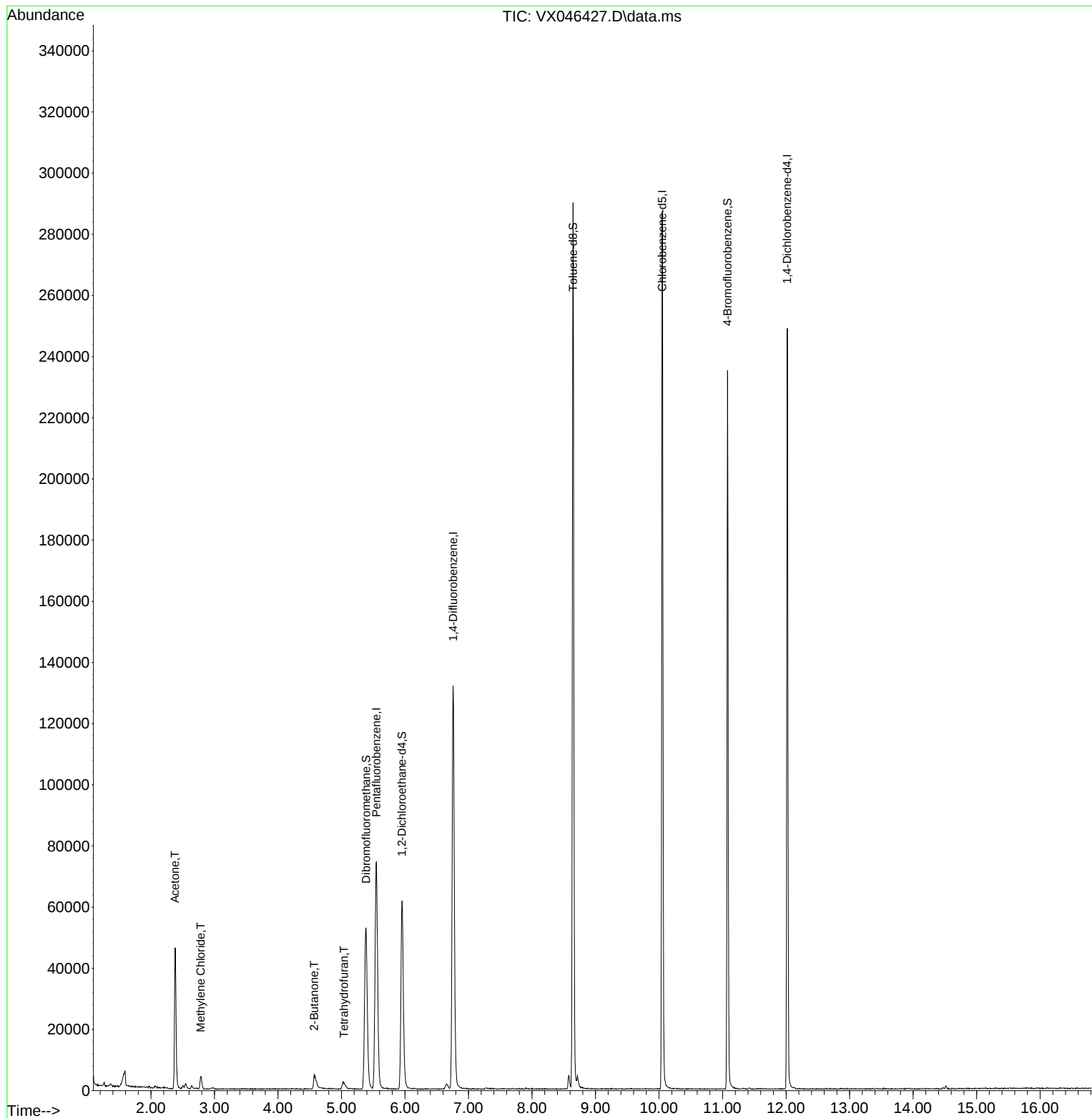
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
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Quant Time: May 30 23:32:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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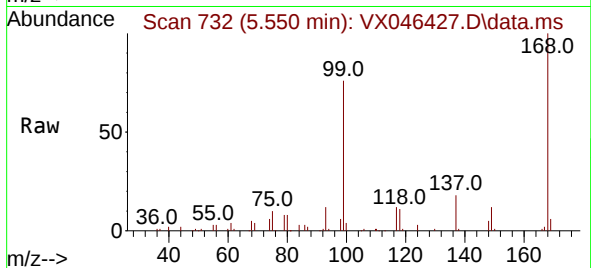
Reviewed By : John Carlone 06/02/2025
Supervised By : Mahesh Dadoda 06/02/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

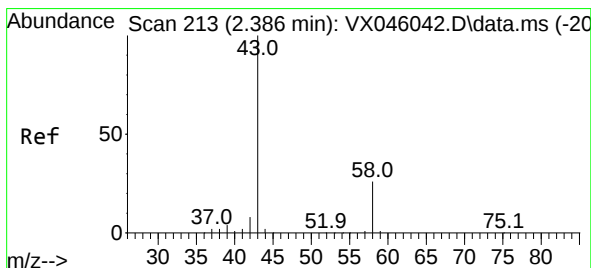
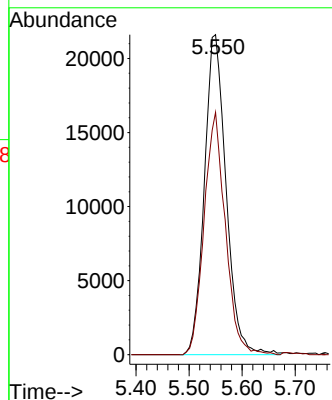
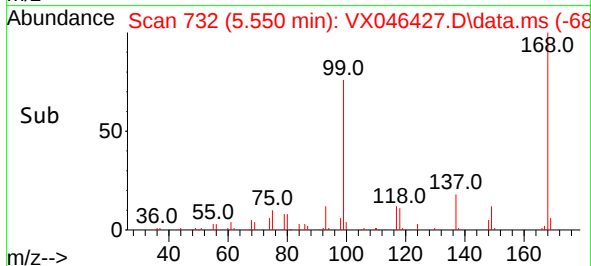
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529



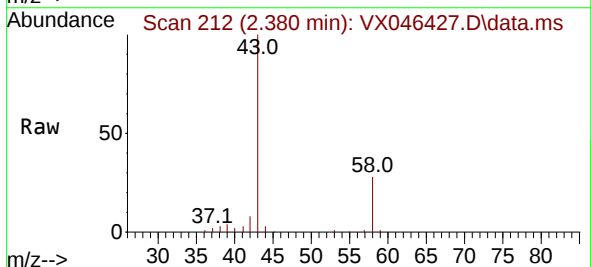
Tgt Ion:168 Resp: 6147
Ion Ratio Lower Upper
168 100
99 75.7 54.9 82.3

Manual Integrations
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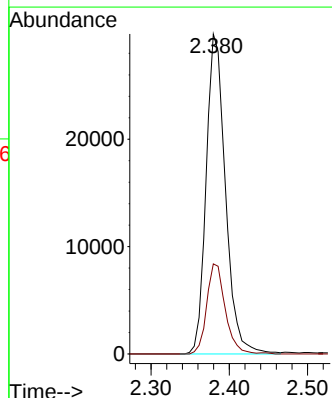
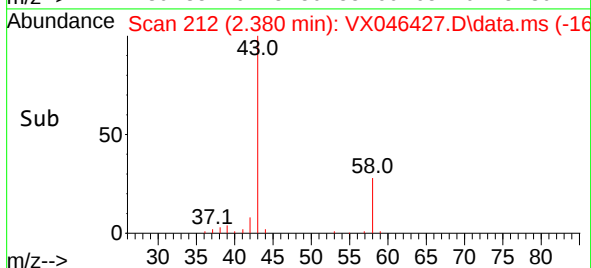
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

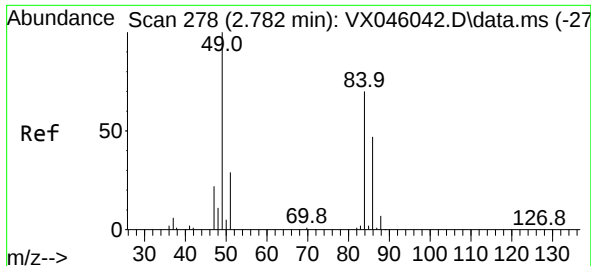


#16
Acetone
Concen: 110.750 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23



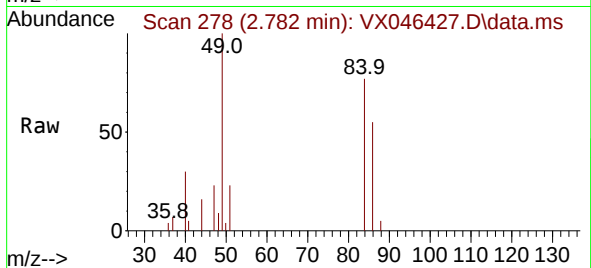
Tgt Ion: 43 Resp: 50891
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8





#20
Methylene Chloride
Concen: 2.263 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

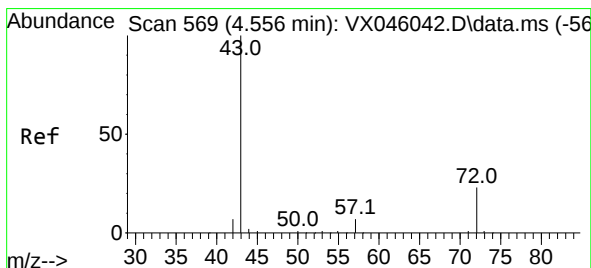
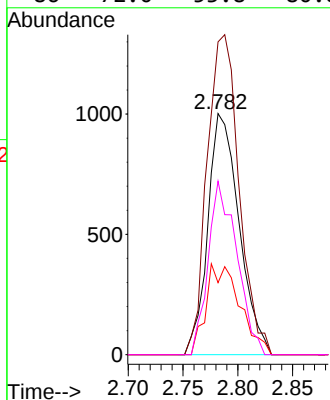
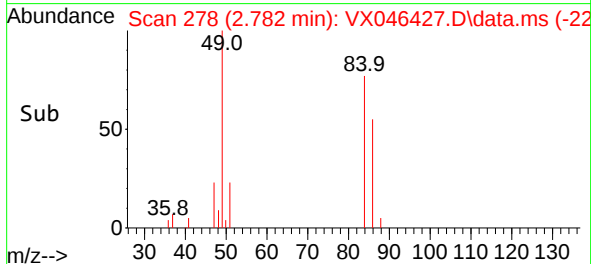
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529



Tgt Ion: 84 Resp: 199
Ion Ratio Lower Upper
84 100
49 129.7 113.9 170.9
51 29.8 33.5 50.3
86 72.0 53.8 80.8

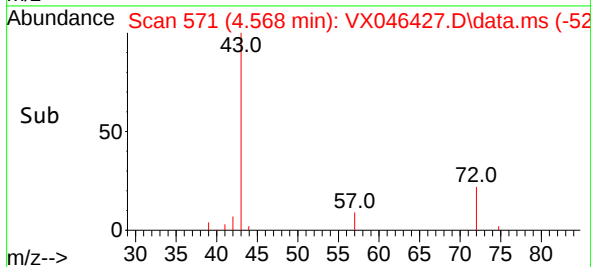
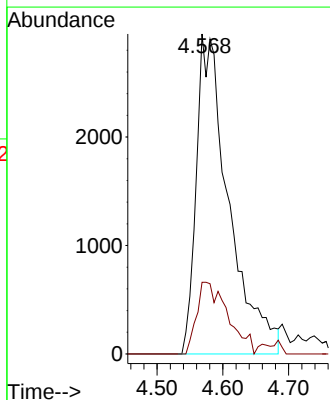
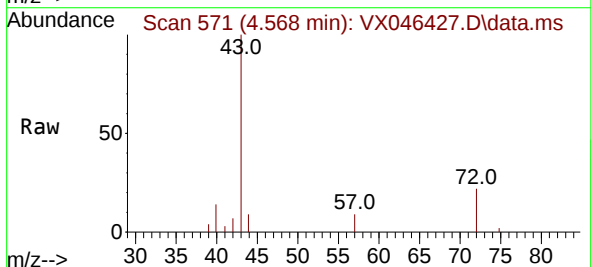
Manual Integrations
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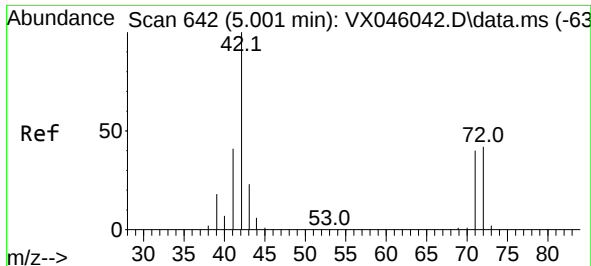
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#25
2-Butanone
Concen: 15.083 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 43 Resp: 10062
Ion Ratio Lower Upper
43 100
72 22.4 18.4 27.6





#29

Tetrahydrofuran

Concen: 5.653 ug/l m

RT: 5.038 min Scan# 642

Delta R.T. 0.036 min

Lab File: VX046427.D

Acq: 30 May 2025 17:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-EB-20250529

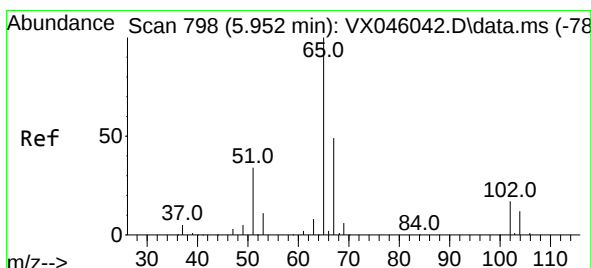
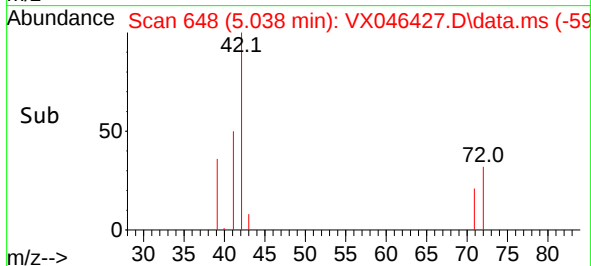
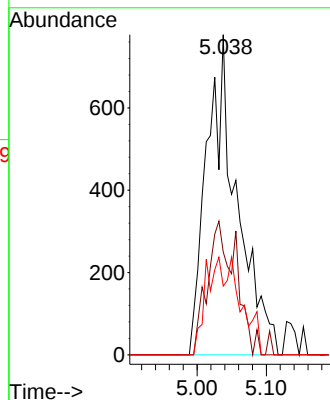
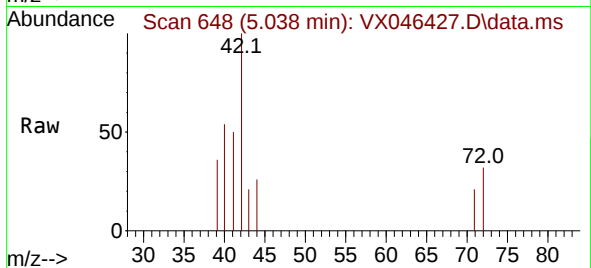
Tgt Ion: 42	Resp: 236
Ion Ratio	Lower Upper
42	100
72	39.3 33.7 50.5
71	17.6 31.4 47.2

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#33

1,2-Dichloroethane-d4

Concen: 54.676 ug/l

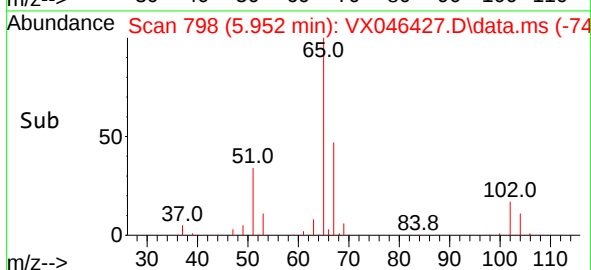
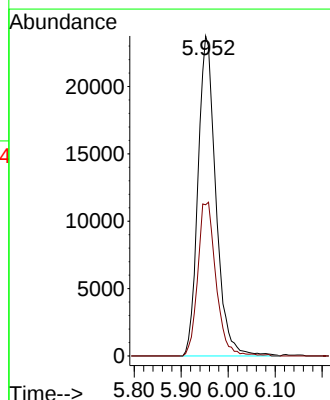
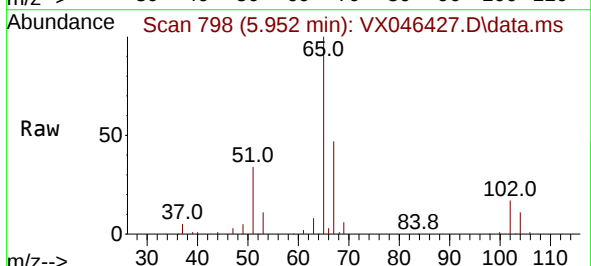
RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046427.D

Acq: 30 May 2025 17:23

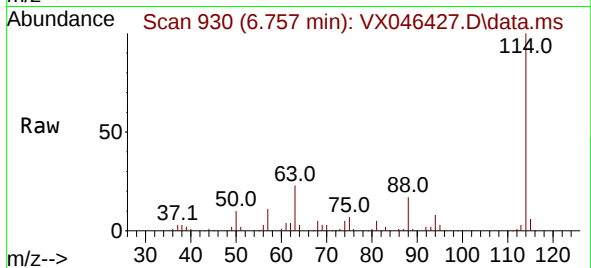
Tgt Ion: 65	Resp: 62662
Ion Ratio	Lower Upper
65	100
67	49.1 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

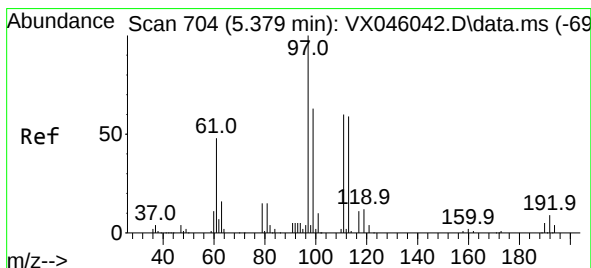
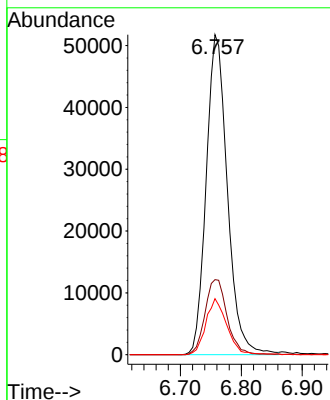
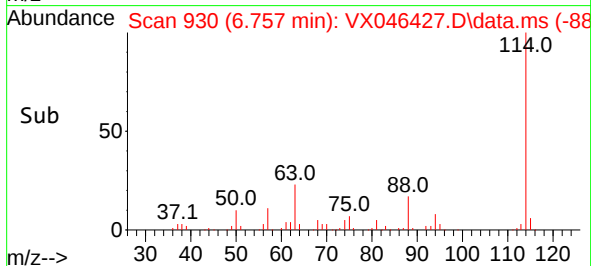
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529



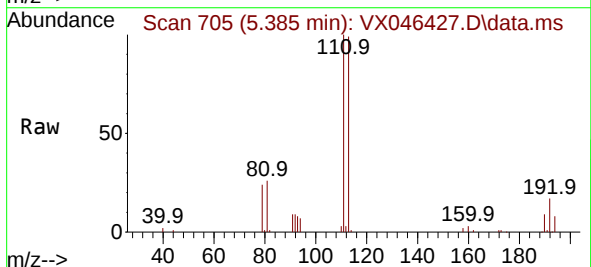
Tgt Ion:114 Resp: 125059
Ion Ratio Lower Upper
114 100
63 23.5 0.0 49.2
88 17.5 0.0 33.6

Manual Integrations
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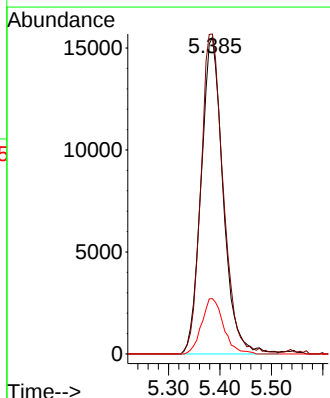
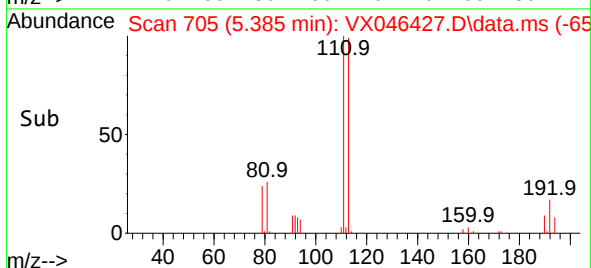
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

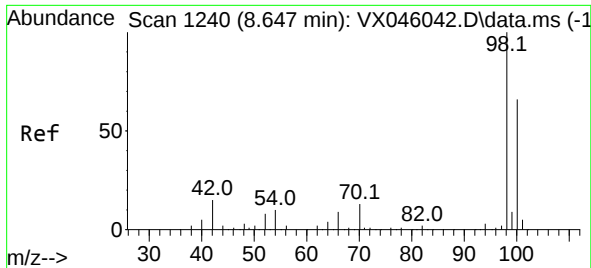


#35
Dibromofluoromethane
Concen: 51.194 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23



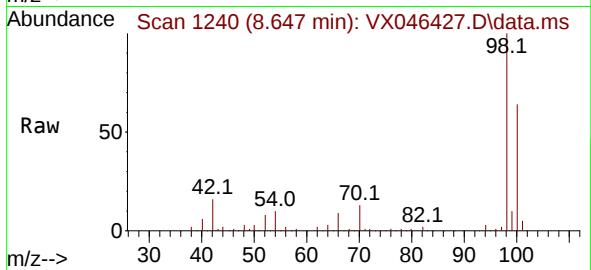
Tgt Ion:113 Resp: 46103
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 17.4 13.3 19.9





#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

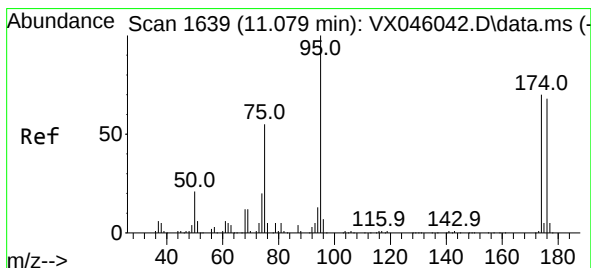
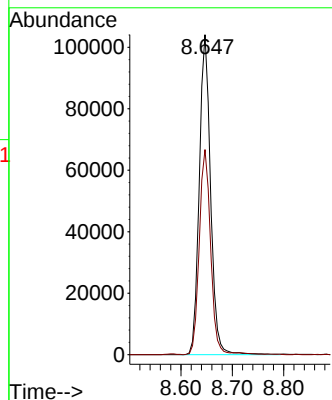
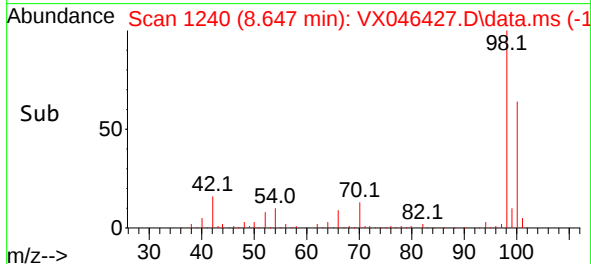
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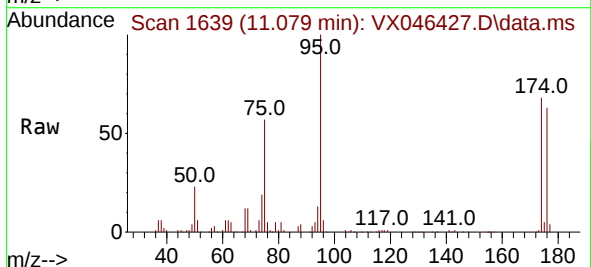
Tgt Ion: 98 Resp: 158514
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3

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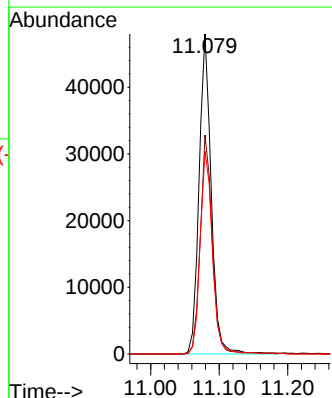
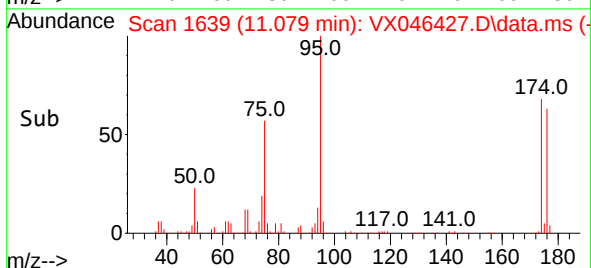
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

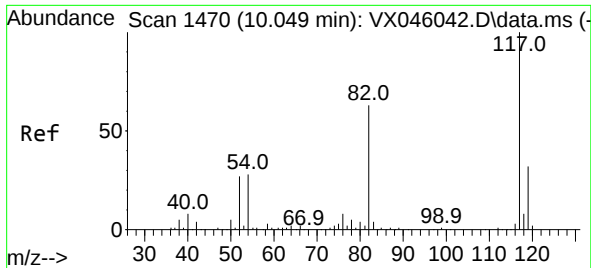


#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23



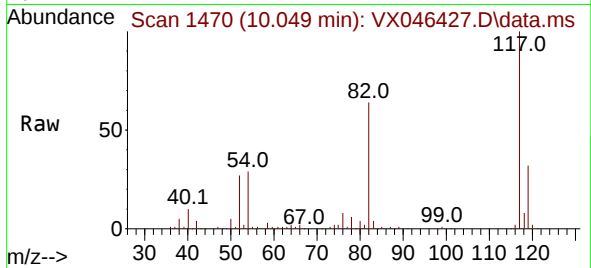
Tgt Ion: 95 Resp: 59228
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 63.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

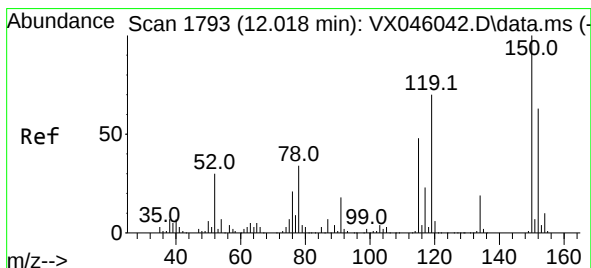
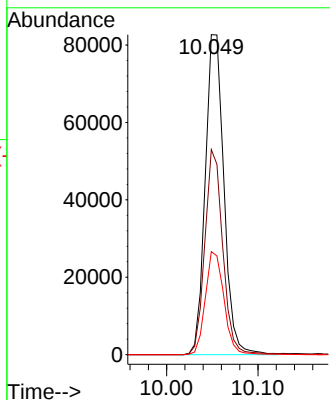
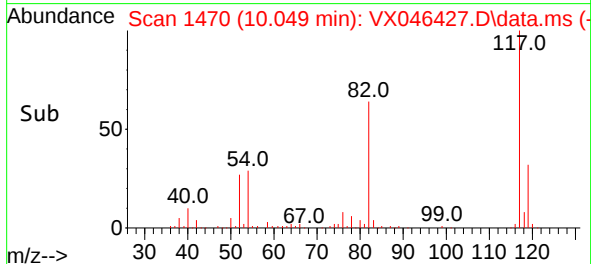
Instrument :
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Tgt Ion:117 Resp: 11770
Ion Ratio Lower Upper
117 100
82 64.1 50.6 76.0
119 32.2 25.8 38.6

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:152 Resp: 46505
Ion Ratio Lower Upper
152 100
115 62.9 46.9 140.7
150 156.1 0.0 351.0

