

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046234.D
 Acq On : 16 May 2025 11:48
 Operator : JC/MD
 Sample : Q2027-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B28-SOIL-SAMPLE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 16 23:02:41 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	5.544	168	65180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64439	53.029	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.060%			
35) Dibromofluoromethane	5.385	113	42339	46.113	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.220%			
50) Toluene-d8	8.647	98	161733	50.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.079	95	61122	50.142	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.280%			
Target Compounds						
16) Acetone	2.380	43	68430	140.449	ug/l	99
20) Methylene Chloride	2.788	84	4275	4.579	ug/l	94
25) 2-Butanone	4.599	43	3796m	5.367	ug/l	
95) Naphthalene	13.774	128	9094	2.563	ug/l	98

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

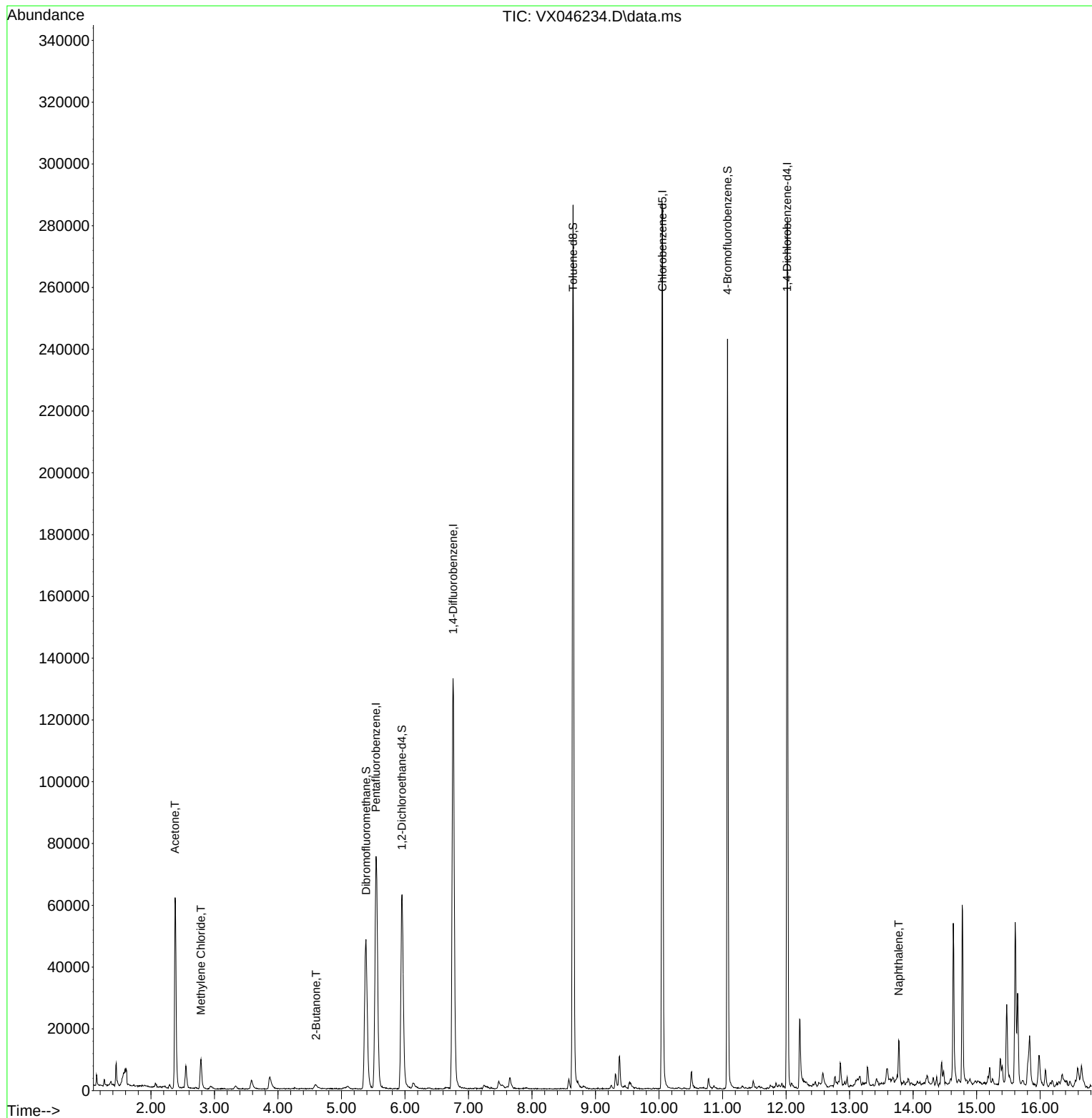
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
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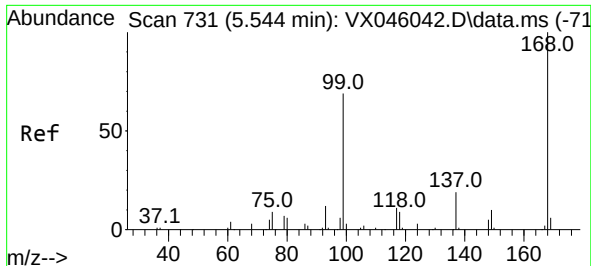
Instrument :
MSVOA_X
ClientSampleId :
B28-SOIL-SAMPLE

Quant Time: May 16 23:02:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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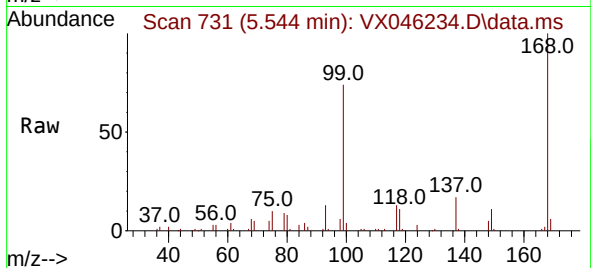
Reviewed By : John Carlone 05/19/2025
Supervised By : Mahesh Dadoda 05/19/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48

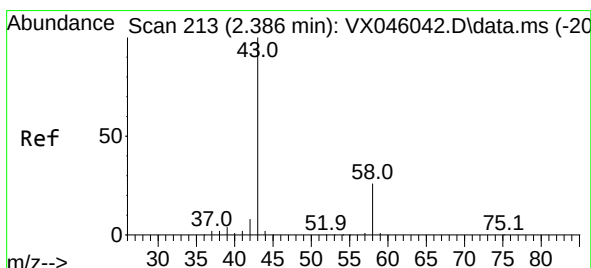
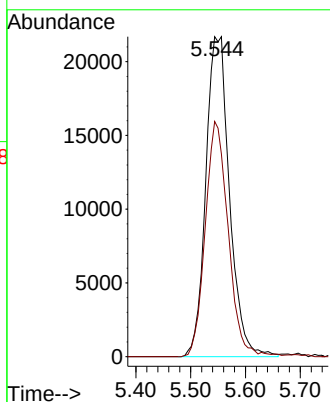
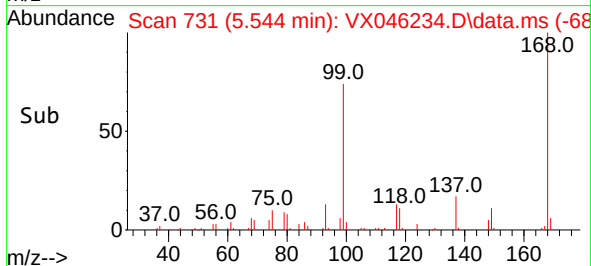
Instrument :
MSVOA_X
ClientSampleId :
B28-SOIL-SAMPLE



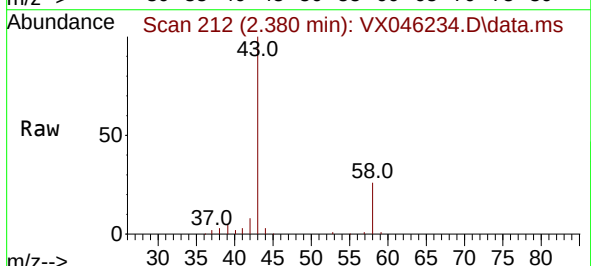
Tgt Ion:168 Resp: 65180
Ion Ratio Lower Upper
168 100
99 73.5 54.9 82.3

Manual Integrations
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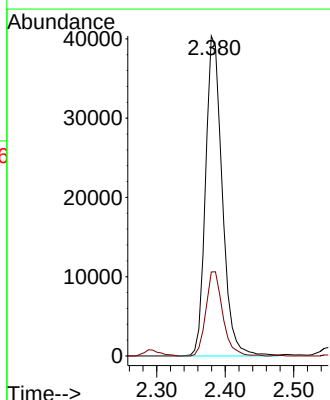
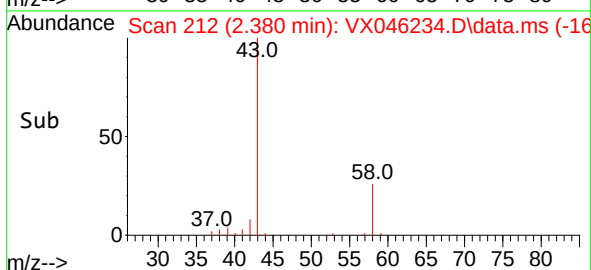
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

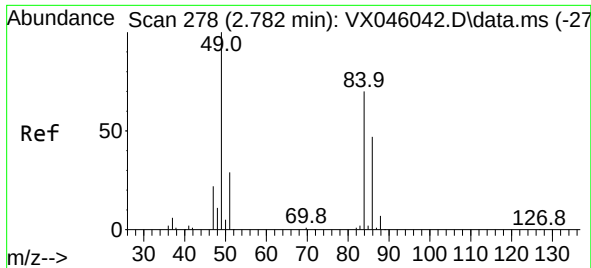


#16
Acetone
Concen: 140.449 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48



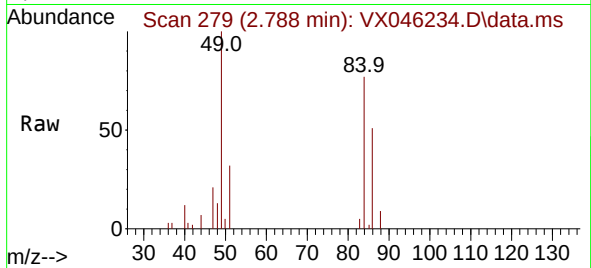
Tgt Ion: 43 Resp: 68430
Ion Ratio Lower Upper
43 100
58 26.2 21.2 31.8





#20
Methylene Chloride
Concen: 4.579 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48

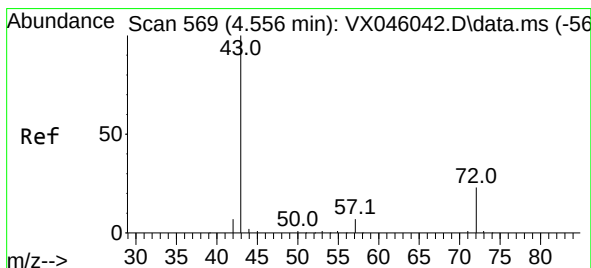
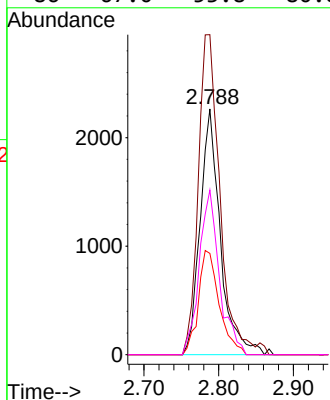
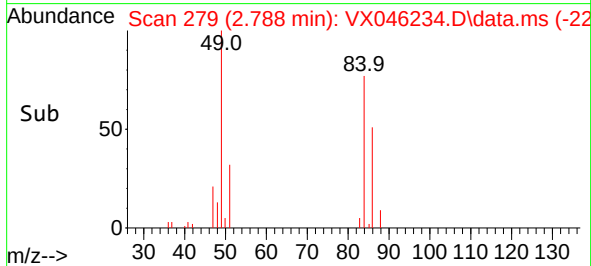
Instrument :
MSVOA_X
ClientSampleId :
B28-SOIL-SAMPLE



Tgt Ion: 84 Resp: 4275
Ion Ratio Lower Upper
84 100
49 130.2 113.9 170.9
51 41.2 33.5 50.3
86 67.0 53.8 80.8

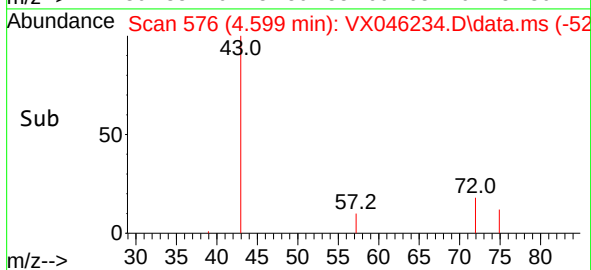
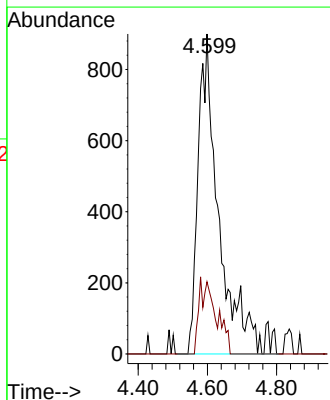
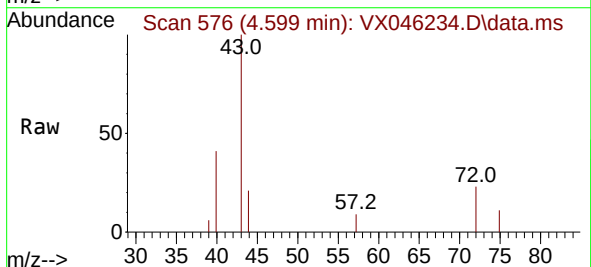
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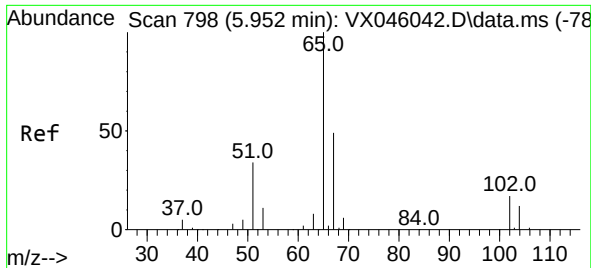
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#25
2-Butanone
Concen: 5.367 ug/l m
RT: 4.599 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48

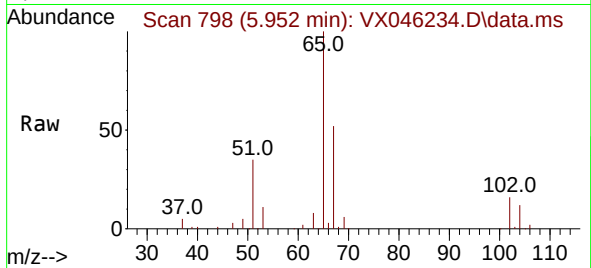
Tgt Ion: 43 Resp: 3796
Ion Ratio Lower Upper
43 100
72 22.6 18.4 27.6





#33
 1,2-Dichloroethane-d4
 Concen: 53.029 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046234.D
 Acq: 16 May 2025 11:48

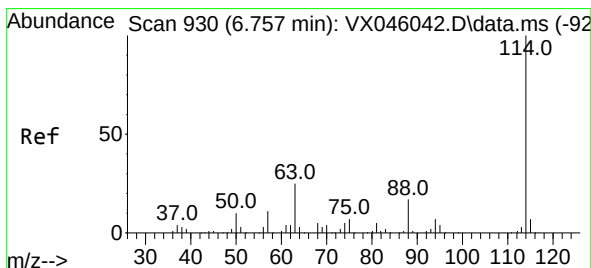
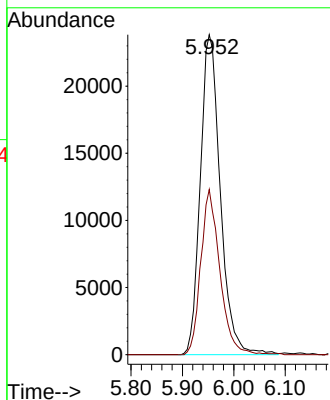
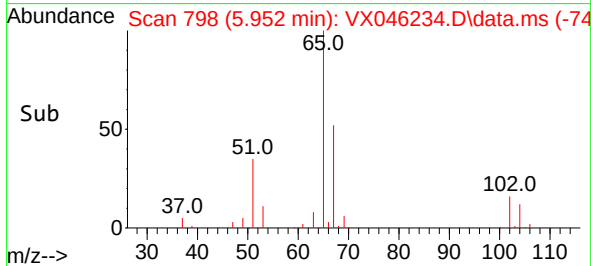
Instrument :
 MSVOA_X
 ClientSampleId :
 B28-SOIL-SAMPLE



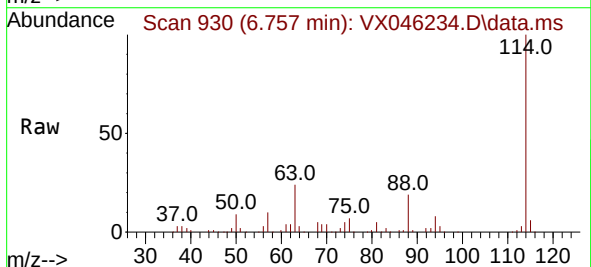
Tgt Ion: 65 Resp: 64439
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0

Manual Integrations
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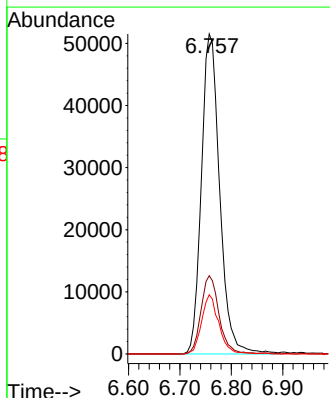
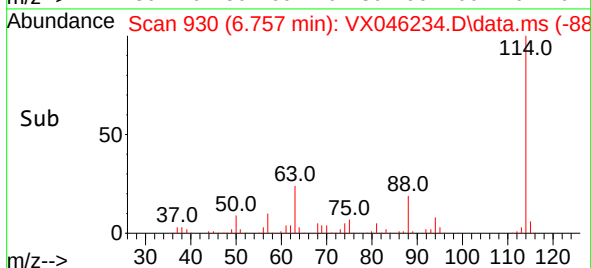
Reviewed By :John Carlone 05/19/2025
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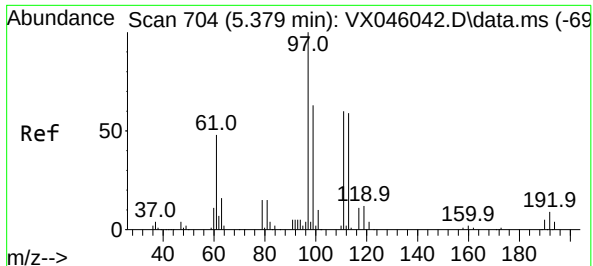


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046234.D
 Acq: 16 May 2025 11:48



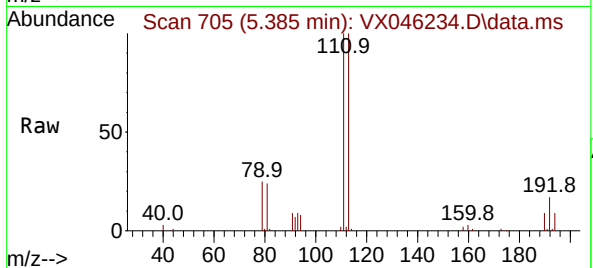
Tgt Ion:114 Resp: 127503
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 18.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 46.113 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48

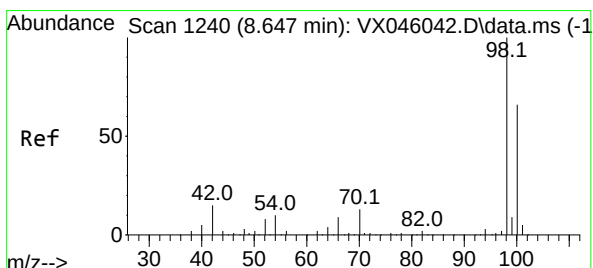
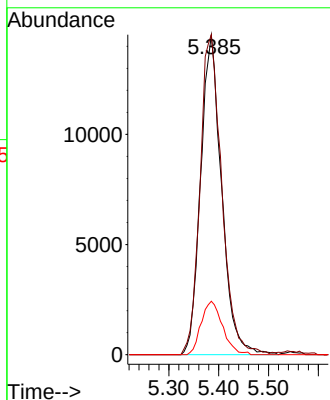
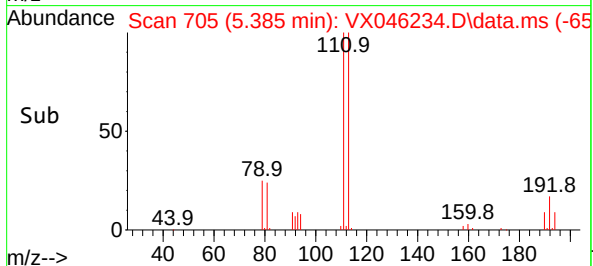
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Tgt Ion:113 Resp: 42339
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.1 13.3 19.9

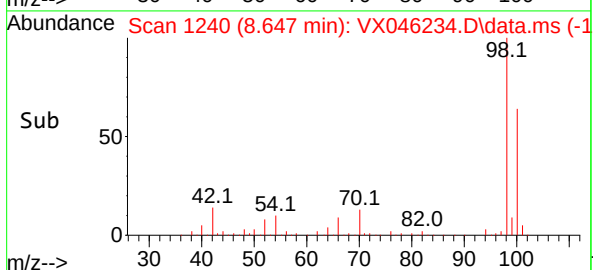
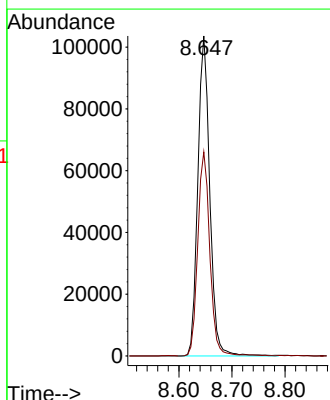
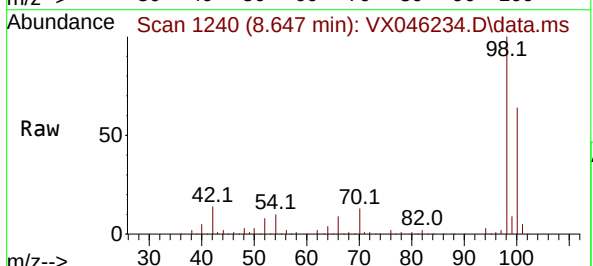
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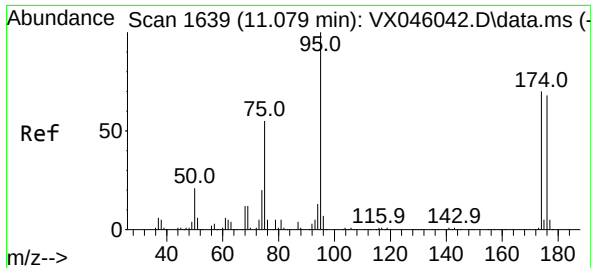
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#50
Toluene-d8
Concen: 50.894 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48

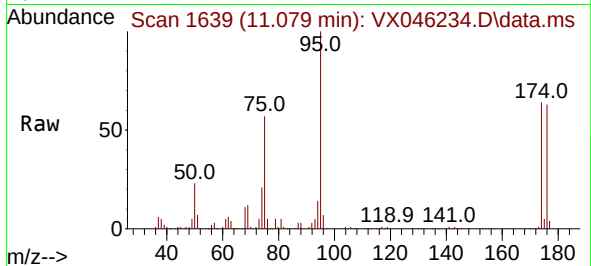
Tgt Ion: 98 Resp: 161733
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 50.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48

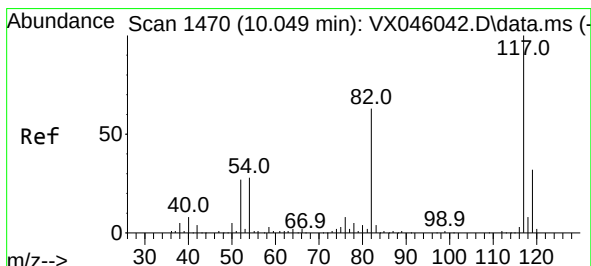
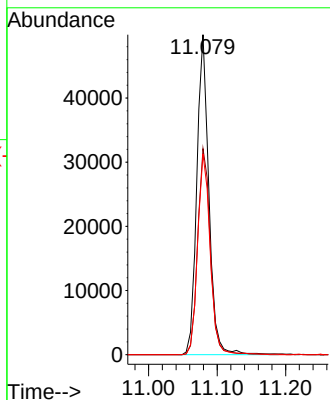
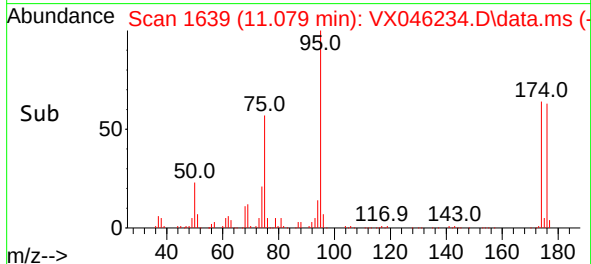
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MSVOA_X
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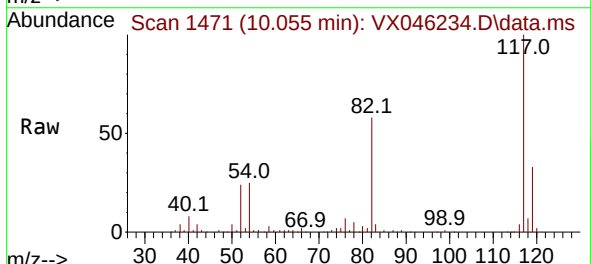
Tgt Ion: 95 Resp: 6112
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.4 0.0 131.4

Manual Integrations
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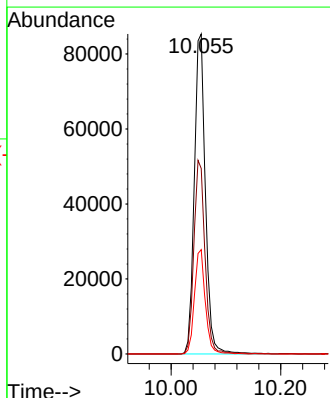
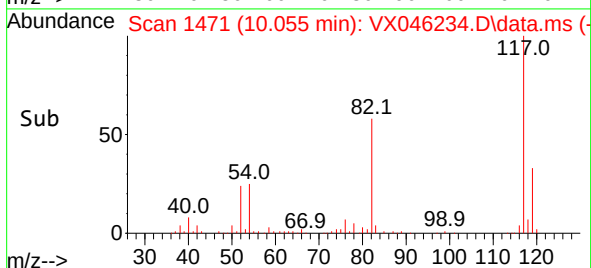
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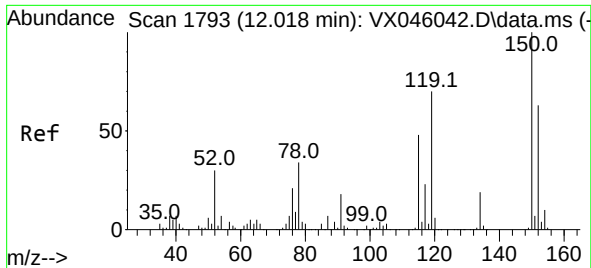


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48



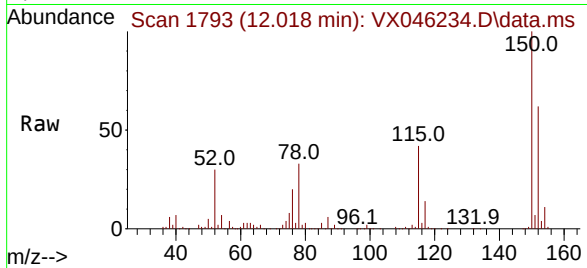
Tgt Ion:117 Resp: 120884
Ion Ratio Lower Upper
117 100
82 57.9 50.6 76.0
119 32.6 25.8 38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48

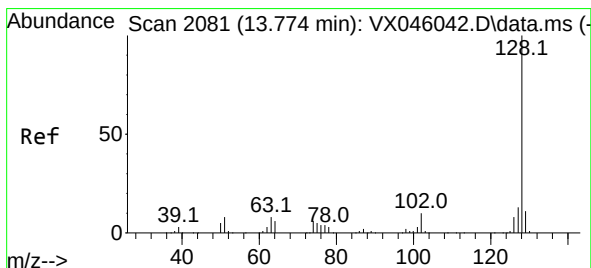
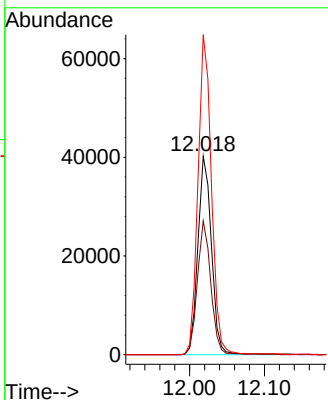
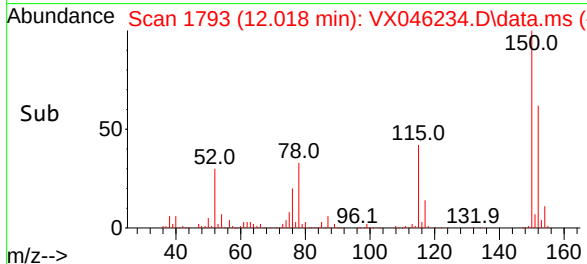
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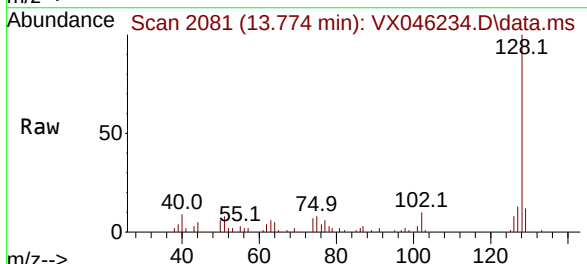
Tgt Ion:152 Resp: 50880
Ion Ratio Lower Upper
152 100
115 66.6 46.9 140.7
150 159.5 0.0 351.0

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Supervised By :Mahesh Dadoda 05/19/2025



#95
Naphthalene
Concen: 2.563 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046234.D
Acq: 16 May 2025 11:48



Tgt Ion:128 Resp: 9094
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 12.1 8.6 13.0

