

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX046998.D
 Acq On : 15 Jul 2025 13:54
 Operator : JC/MD
 Sample : Q2579-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-13-GRE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:26:07 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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	352031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	597406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	287789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250512	53.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.740%			
35) Dibromofluoromethane	5.409	113	447m	0.110	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 0.220%#			
50) Toluene-d8	8.653	98	696313	48.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.340%			
62) 4-Bromofluorobenzene	11.079	95	285624	52.526	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.060%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	100079	69.278	ug/l	98
20) Methylene Chloride	2.806	84	22311	5.223	ug/l	94
95) Naphthalene	13.774	128	1658311	101.431	ug/l	100

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

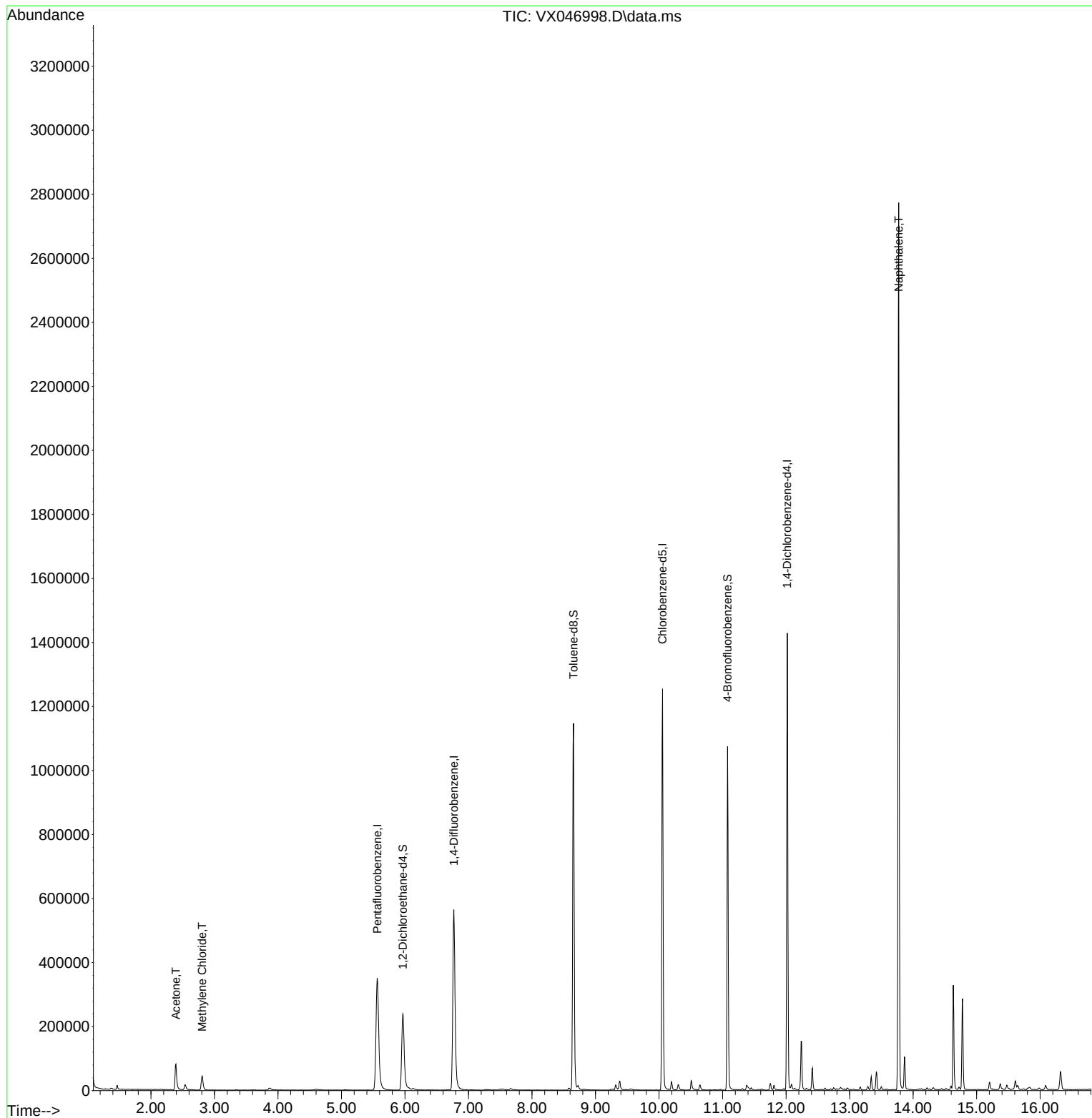
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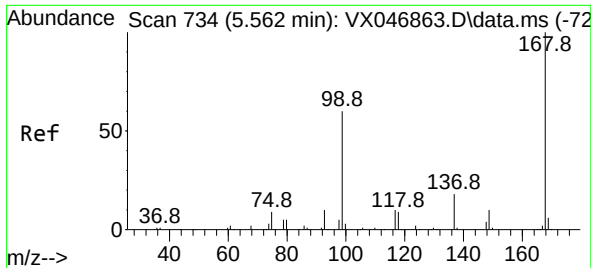
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Quant Time: Jul 16 02:26:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
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Response via : Initial Calibration

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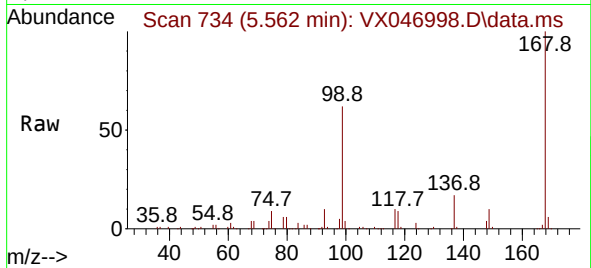
Reviewed By : John Carlone 07/16/2025
Supervised By : Mahesh Dadoda 07/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

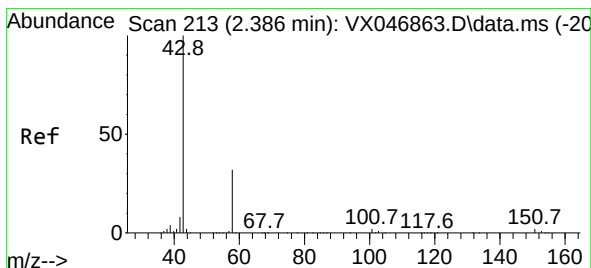
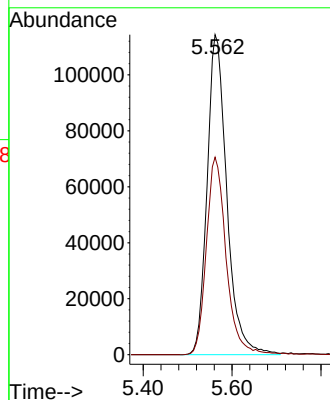
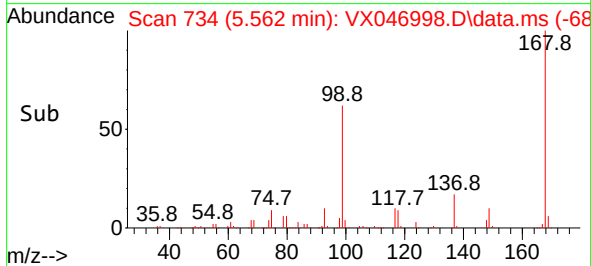
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE



Tgt Ion:168 Resp: 35203
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2

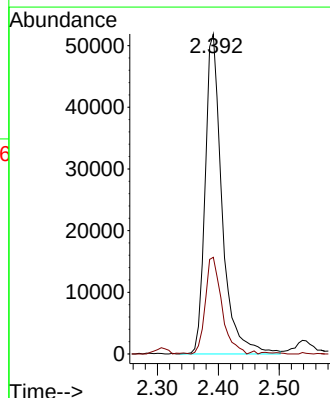
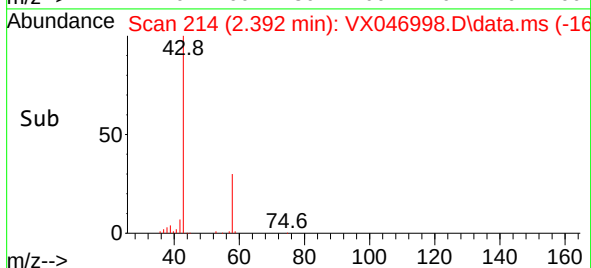
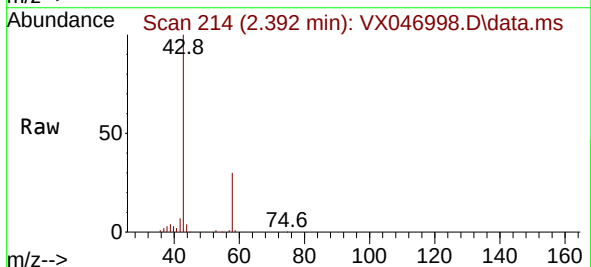
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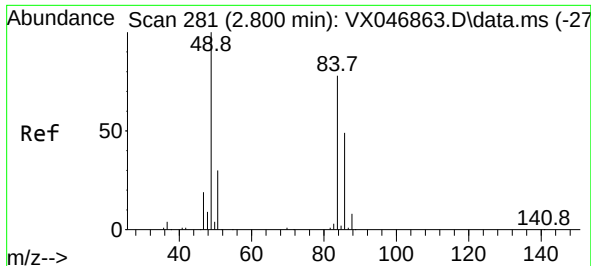
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#16
Acetone
Concen: 69.278 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

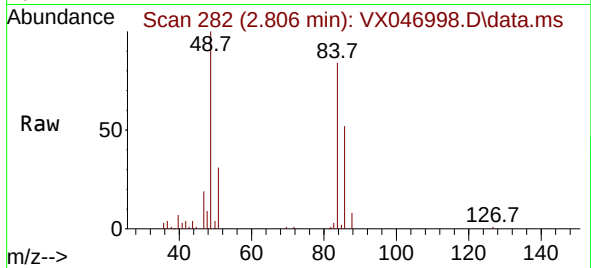
Tgt Ion: 43 Resp: 100079
Ion Ratio Lower Upper
43 100
58 31.0 25.8 38.6





#20
Methylene Chloride
Concen: 5.223 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

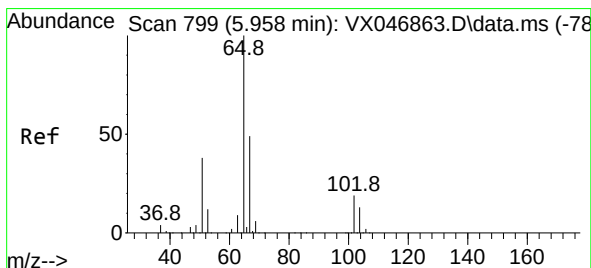
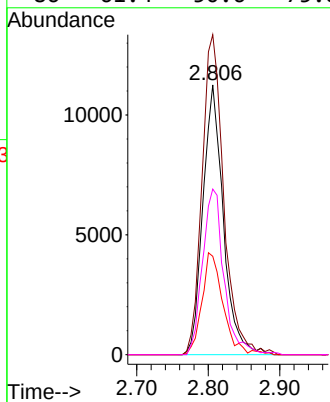
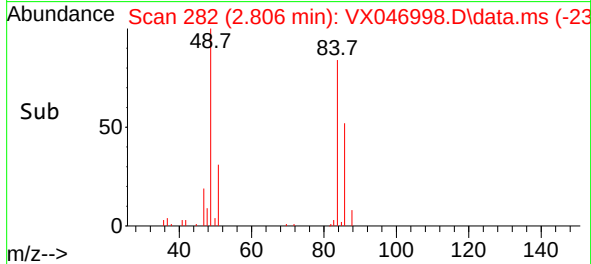
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE



Tgt Ion: 84 Resp: 2231
Ion Ratio Lower Upper
84 100
49 118.6 102.8 154.2
51 36.5 31.1 46.7
86 61.4 50.6 75.8

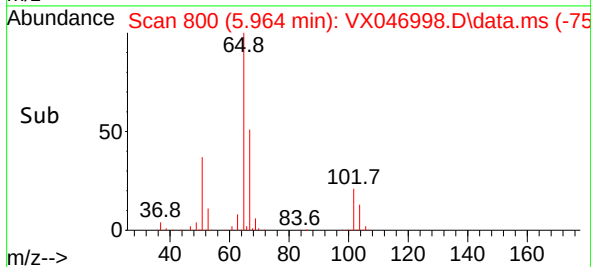
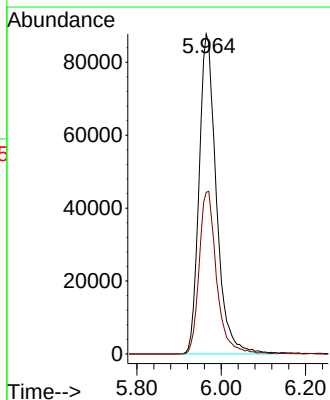
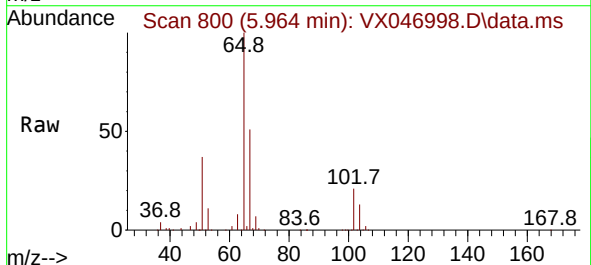
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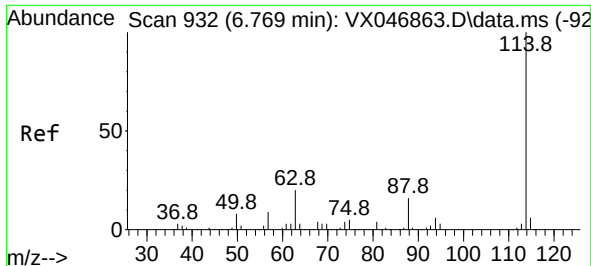
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#33
1,2-Dichloroethane-d4
Concen: 53.866 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

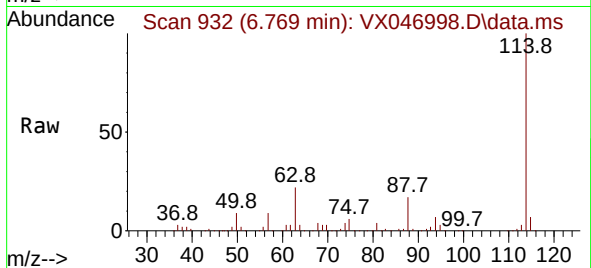
Tgt Ion: 65 Resp: 250512
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

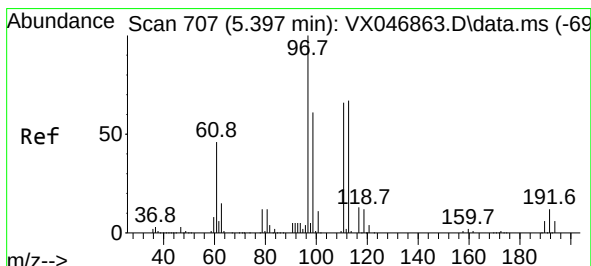
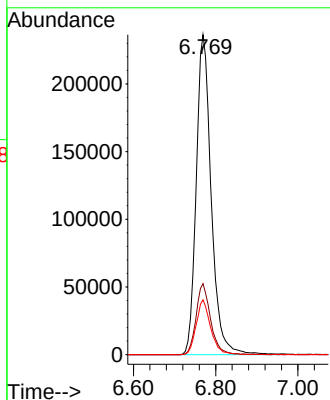
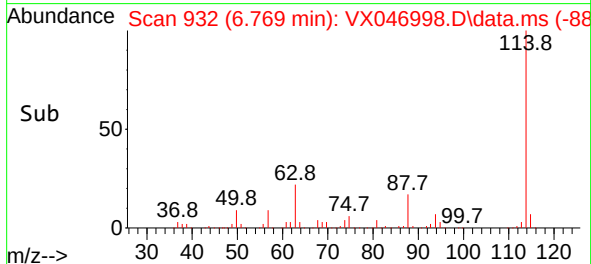
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE



Tgt Ion:114 Resp: 597400
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.4
88 17.2 0.0 31.0

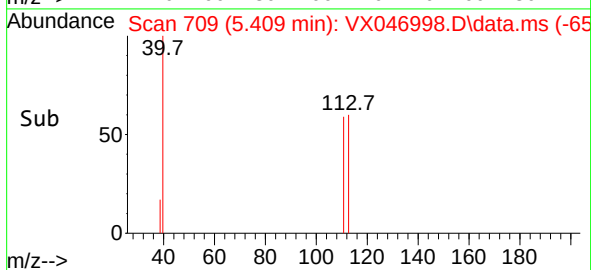
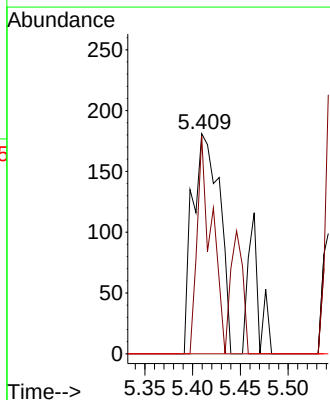
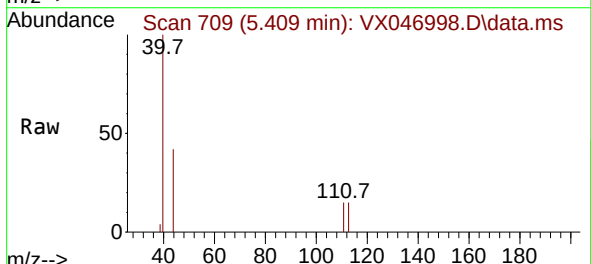
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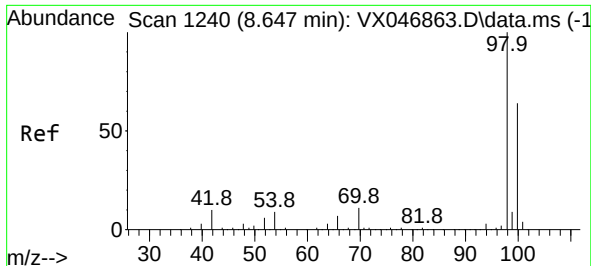
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#35
Dibromofluoromethane
Concen: 0.110 ug/l m
RT: 5.409 min Scan# 709
Delta R.T. 0.012 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion:113 Resp: 447
Ion Ratio Lower Upper
113 100
111 42.7 81.2 121.8#
192 0.0 15.3 22.9#





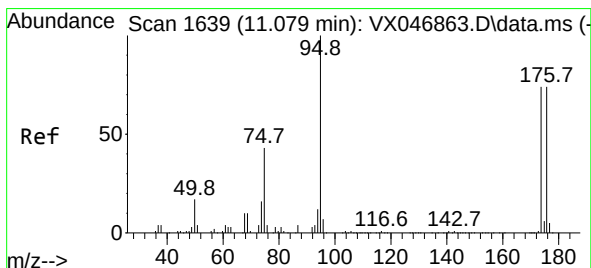
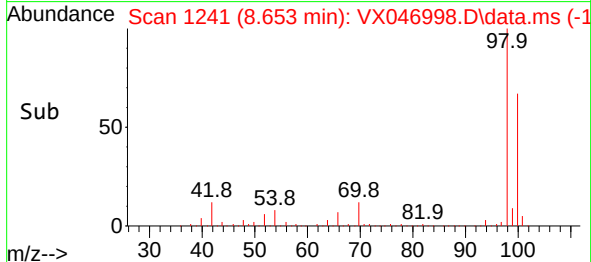
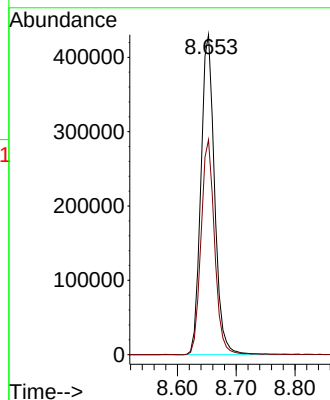
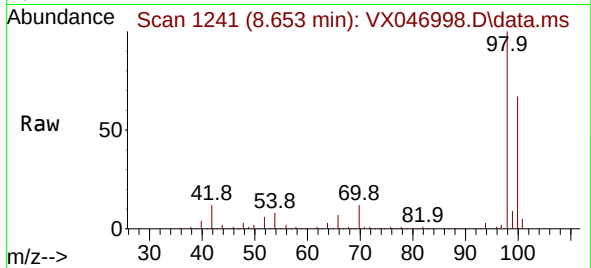
#50
Toluene-d8
Concen: 48.667 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Instrument :
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Tgt Ion: 98 Resp: 696311
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6

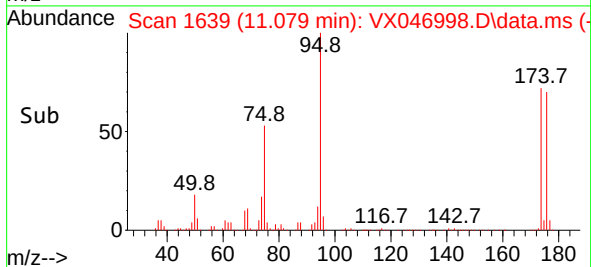
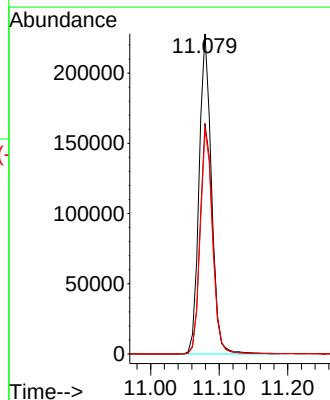
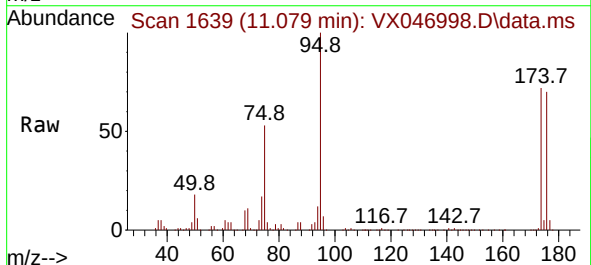
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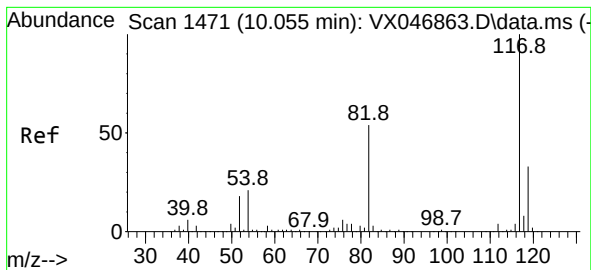
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#62
4-Bromofluorobenzene
Concen: 52.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

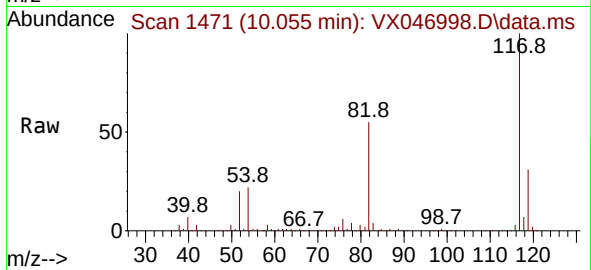
Tgt Ion: 95 Resp: 285624
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.0
176 70.1 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

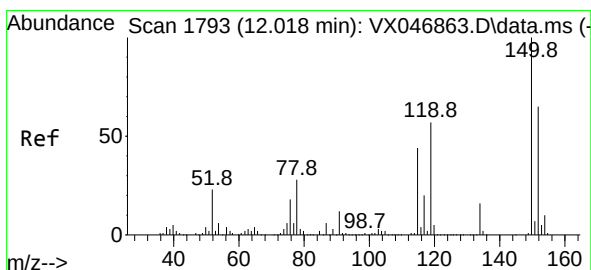
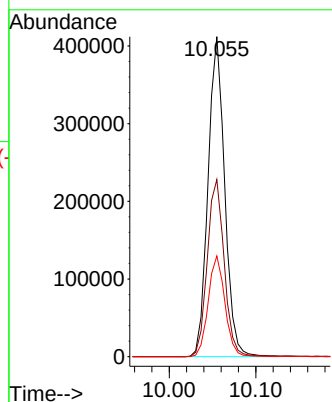
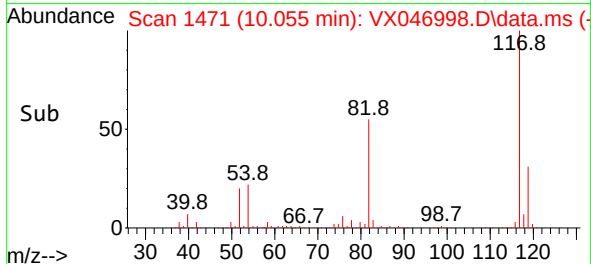
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE



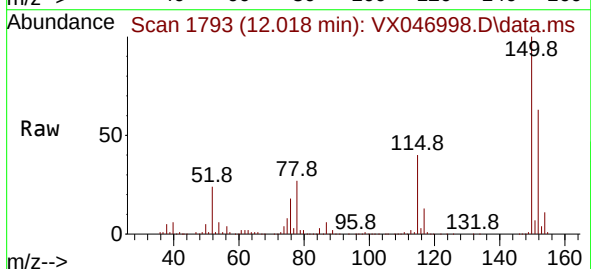
Tgt Ion:117 Resp: 550618
Ion Ratio Lower Upper
117 100
82 55.4 43.3 64.9
119 31.5 26.4 39.6

Manual Integrations
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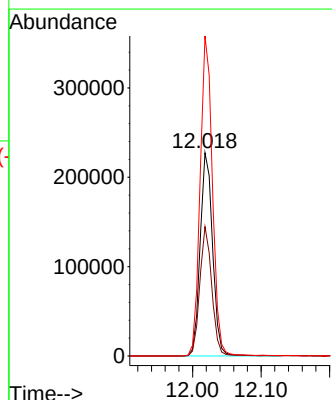
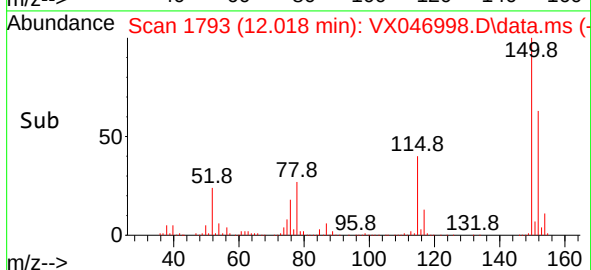
Reviewed By :John Carlone 07/16/2025
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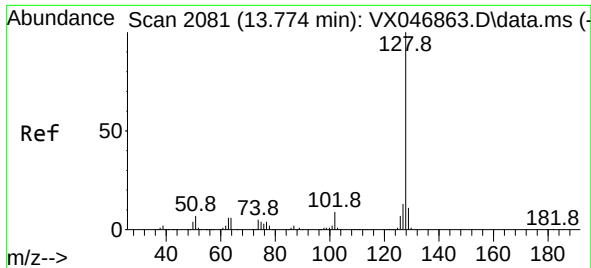


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54



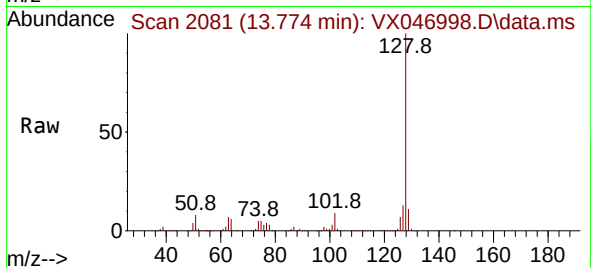
Tgt Ion:152 Resp: 287789
Ion Ratio Lower Upper
152 100
115 61.6 42.4 127.1
150 155.4 0.0 349.2





#95
Naphthalene
Concen: 101.431 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046998.D
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Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE



Tgt Ion:128 Resp: 165831
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
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