

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX046994.D
 Acq On : 15 Jul 2025 12:30
 Operator : JC/MD
 Sample : Q2578-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-09-GRE

Quant Time: Jul 16 02:24:20 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	367741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	634652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	299369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	262527	54.038	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.080%			
35) Dibromofluoromethane	5.403	113	795m	0.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 0.360%#			
50) Toluene-d8	8.653	98	729003	47.962	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.920%			
62) 4-Bromofluorobenzene	11.079	95	301415	52.177	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.360%			
Target Compounds						
16) Acetone	2.392	43	105278	69.764	ug/l	98
20) Methylene Chloride	2.806	84	21104	4.729	ug/l	95
67) Ethyl Benzene	10.195	91	35100	1.654	ug/l	100
68) m/p-Xylenes	10.305	106	8758	1.096	ug/l	81
84) 1,2,4-Trimethylbenzene	11.750	105	19390	1.122	ug/l	90
95) Naphthalene	13.774	128	2550761	149.983	ug/l	100

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

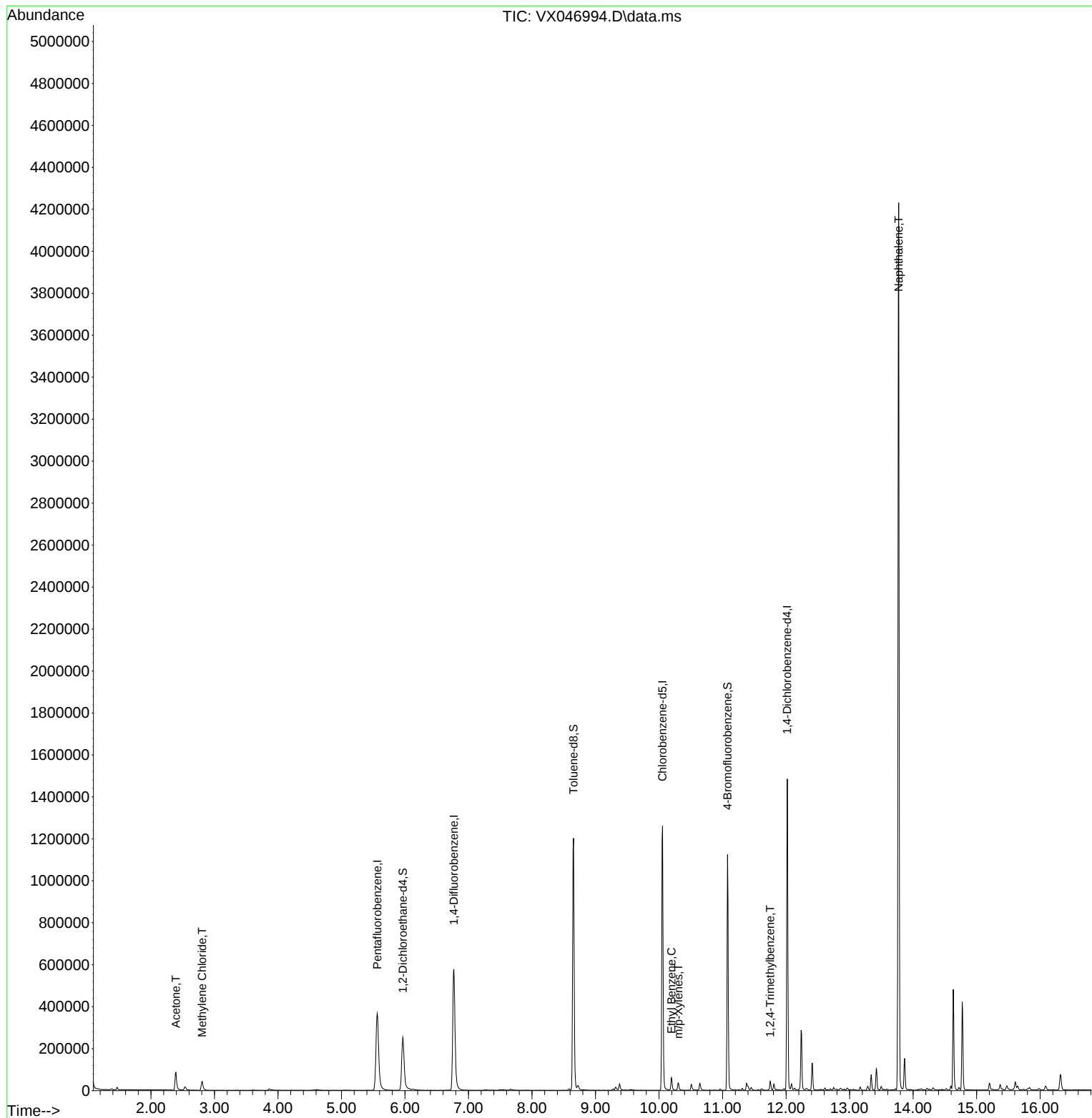
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046994.D
Acq On : 15 Jul 2025 12:30
Operator : JC/MD
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ALS Vial : 8 Sample Multiplier: 1

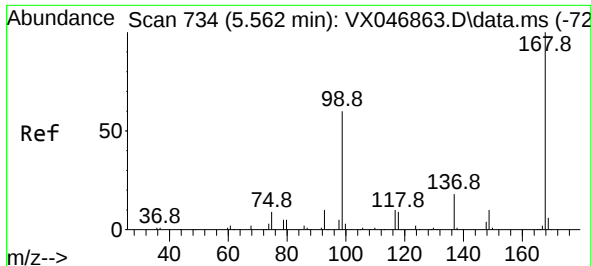
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-GRE

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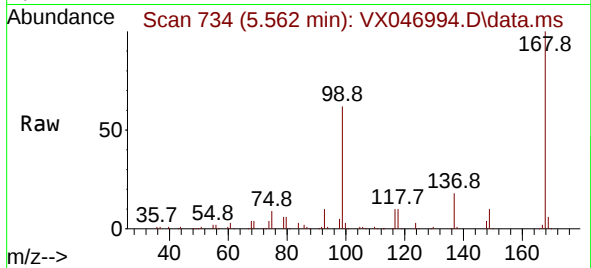
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

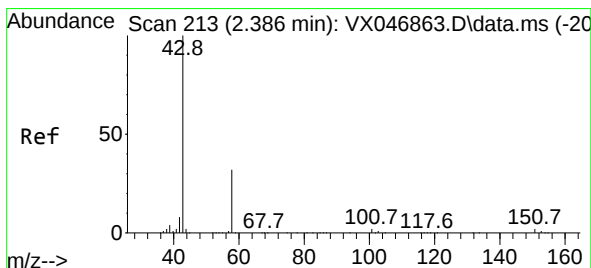
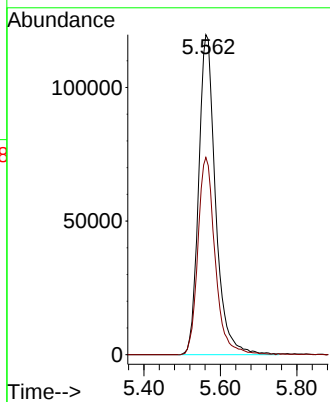
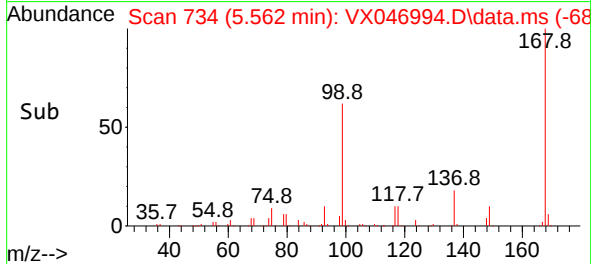
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-GRE



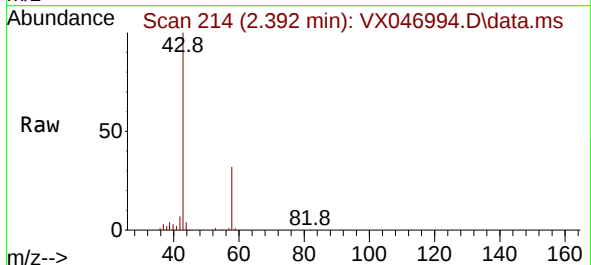
Tgt Ion:168 Resp: 36774
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2

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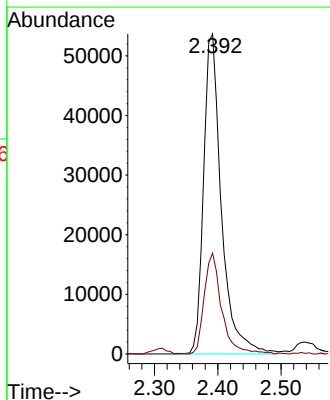
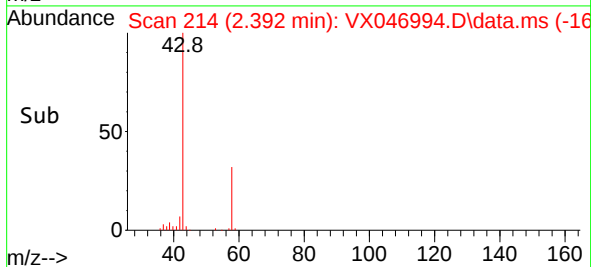
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

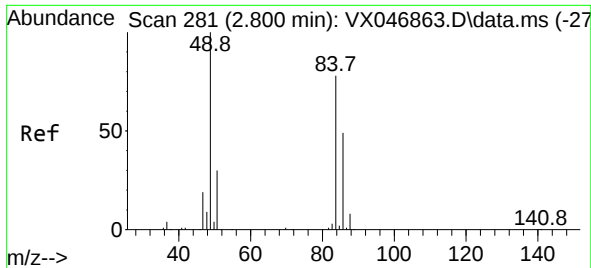


#16
Acetone
Concen: 69.764 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30



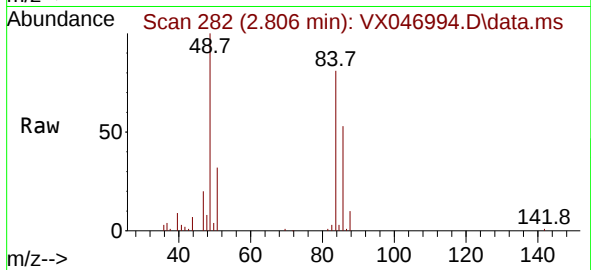
Tgt Ion: 43 Resp: 105278
Ion Ratio Lower Upper
43 100
58 31.4 25.8 38.6





#20
Methylene Chloride
Concen: 4.729 ug/l
RT: 2.806 min Scan# 21104
Delta R.T. 0.006 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

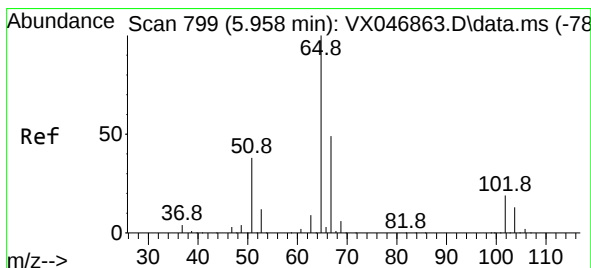
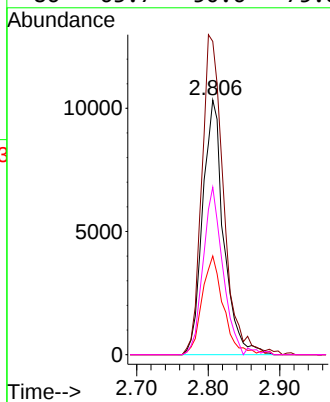
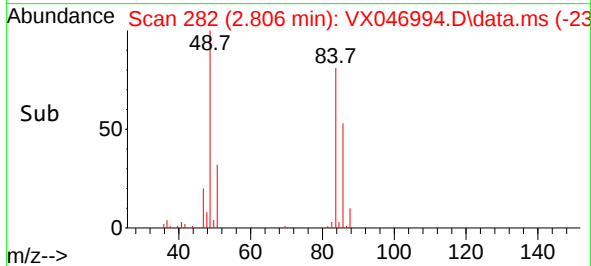
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-GRE



Tgt Ion: 84 Resp: 21104
Ion Ratio Lower Upper
84 100
49 119.2 102.8 154.2
51 37.6 31.1 46.7
86 63.7 50.6 75.8

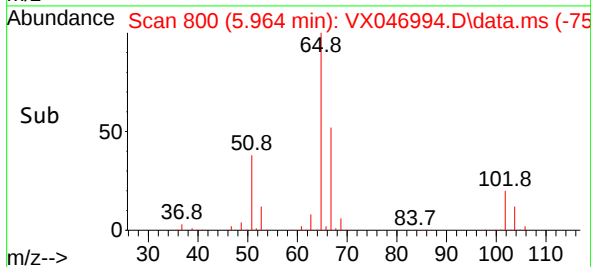
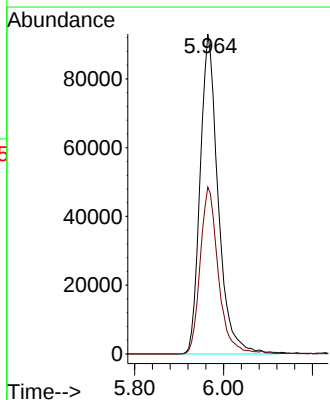
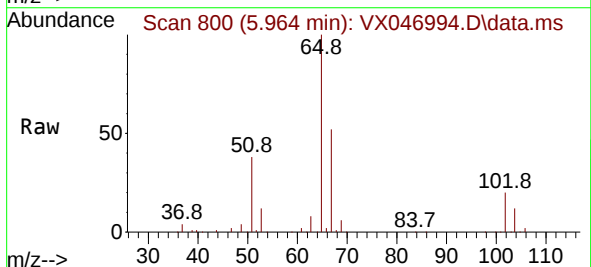
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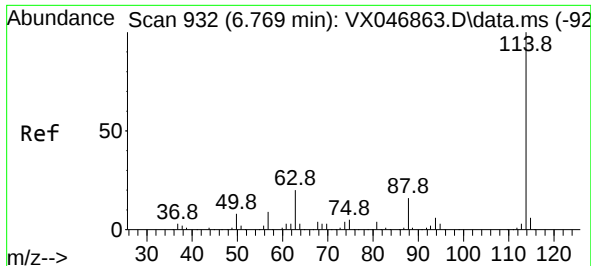
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#33
1,2-Dichloroethane-d4
Concen: 54.038 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

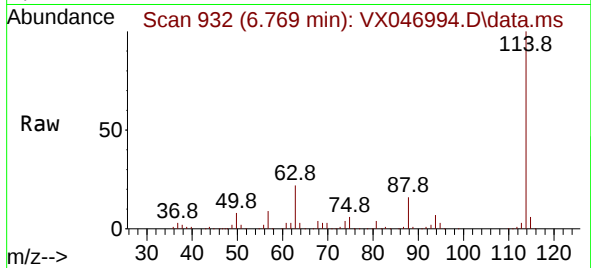
Tgt Ion: 65 Resp: 262527
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

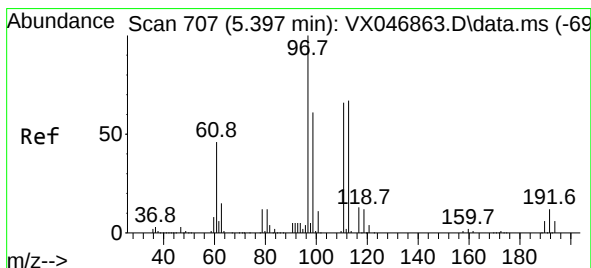
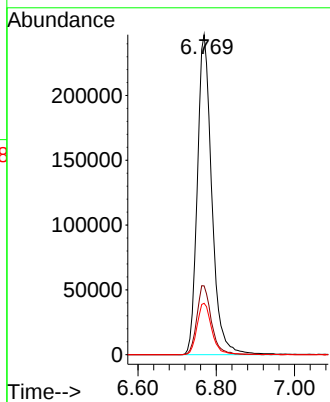
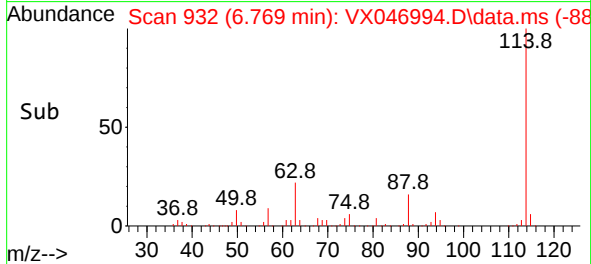
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-GRE



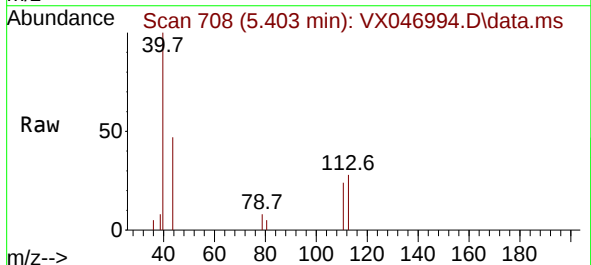
Tgt Ion:114 Resp: 634652
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.4
88 16.0 0.0 31.0

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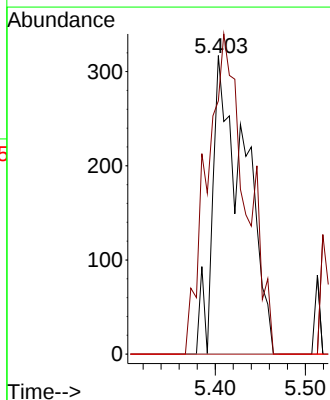
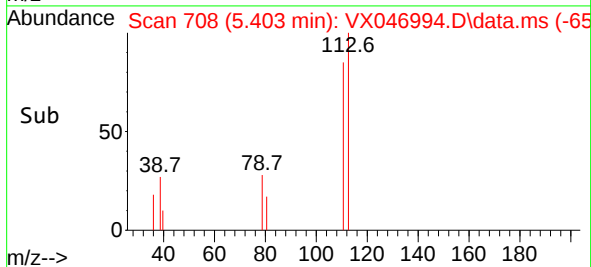
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

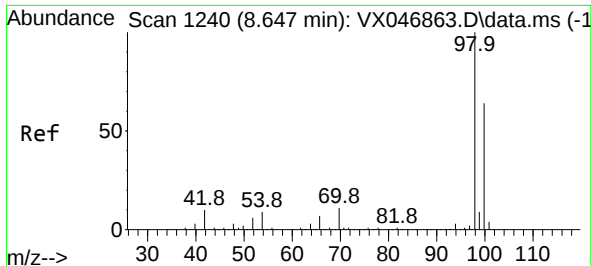


#35
Dibromofluoromethane
Concen: 0.185 ug/l m
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30



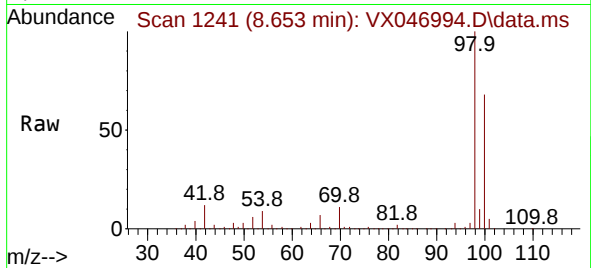
Tgt Ion:113 Resp: 795
Ion Ratio Lower Upper
113 100
111 127.0 81.2 121.8#
192 0.0 15.3 22.9#





#50
Toluene-d8
Concen: 47.962 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

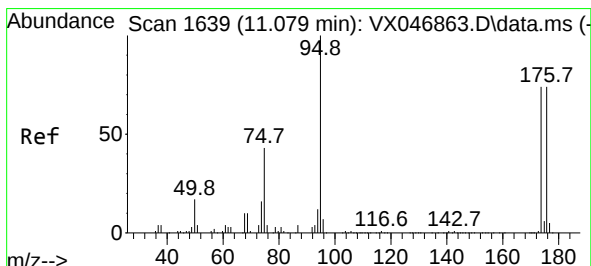
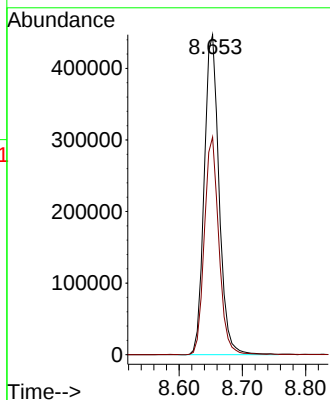
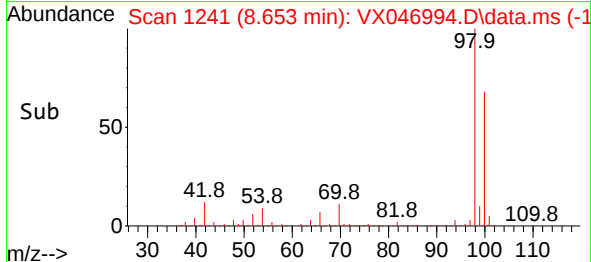
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WC-A2-09-GRE



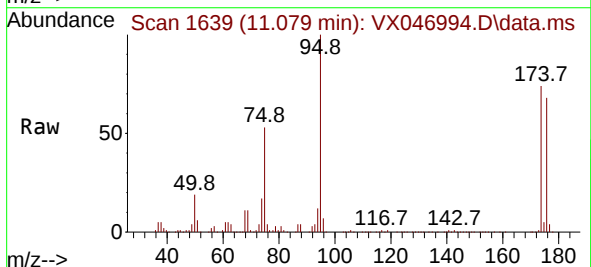
Tgt Ion: 98 Resp: 729000
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6

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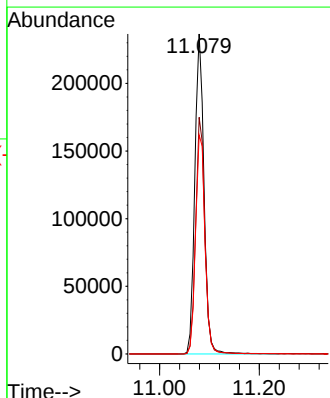
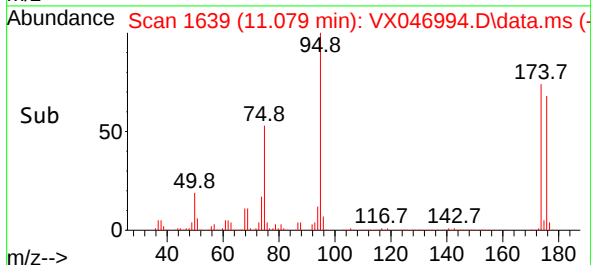
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

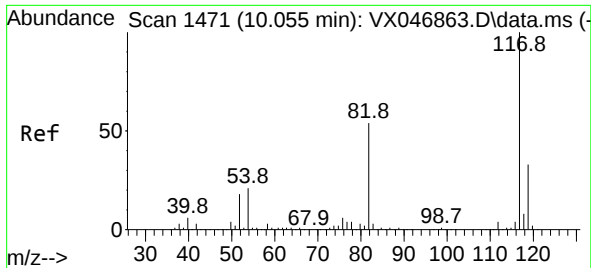


#62
4-Bromofluorobenzene
Concen: 52.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30



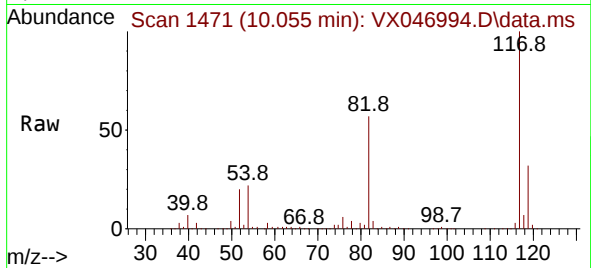
Tgt Ion: 95 Resp: 301415
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.0
176 70.7 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

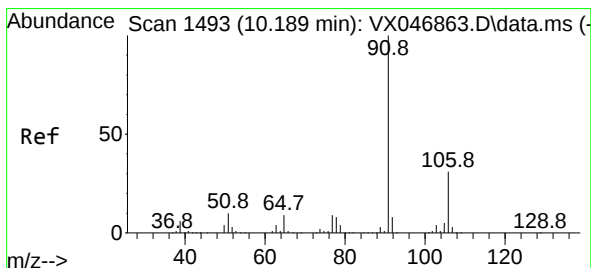
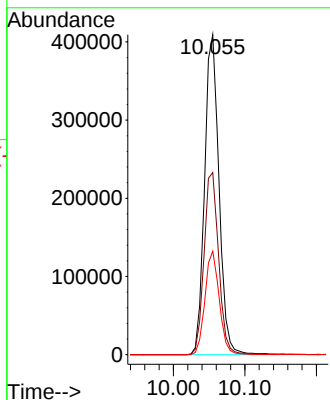
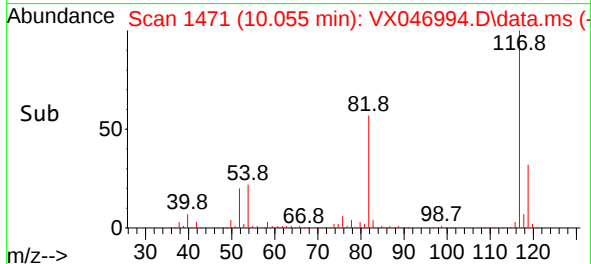
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-GRE



Tgt Ion:117 Resp: 572990
Ion Ratio Lower Upper
117 100
82 56.9 43.3 64.9
119 32.3 26.4 39.6

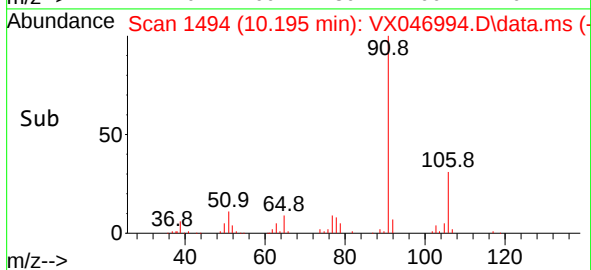
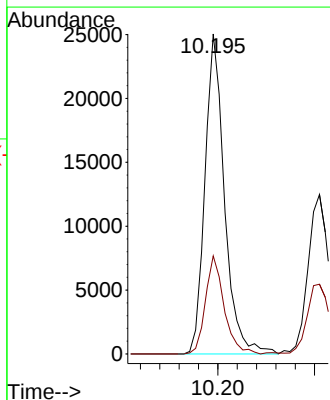
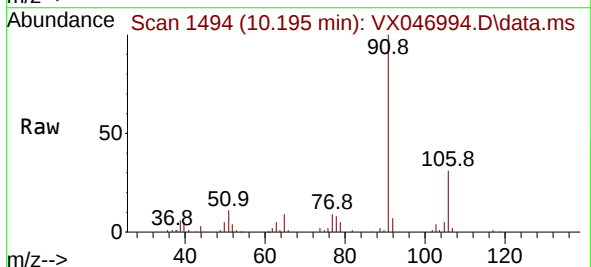
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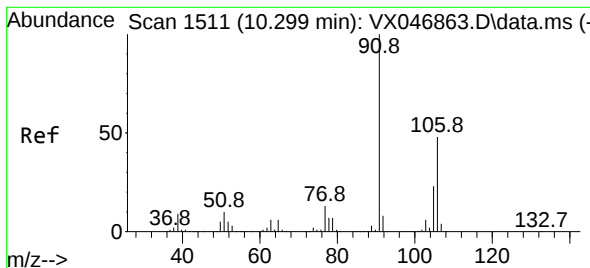
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#67
Ethyl Benzene
Concen: 1.654 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

Tgt Ion: 91 Resp: 35100
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6





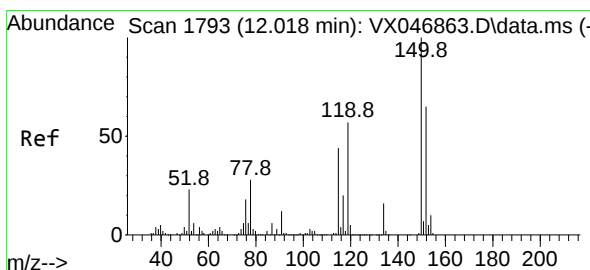
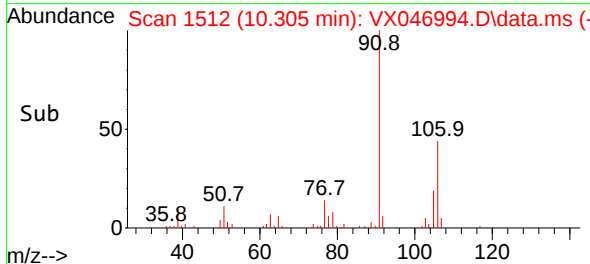
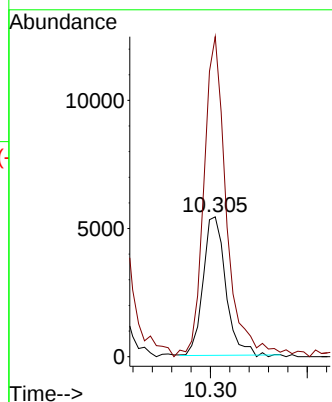
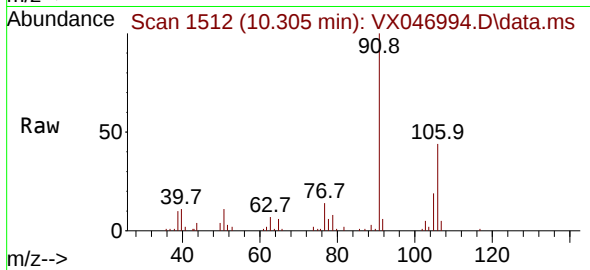
#68
m/p-Xylenes
Concen: 1.096 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-GRE

Tgt Ion:106 Resp: 875
Ion Ratio Lower Upper
106 100
91 235.0 164.6 246.8

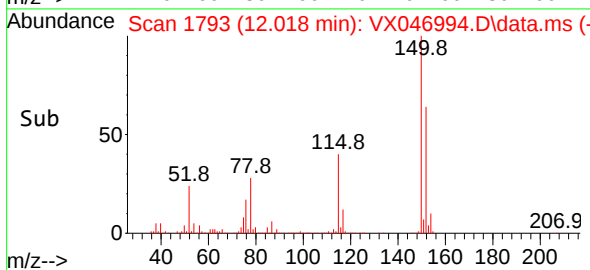
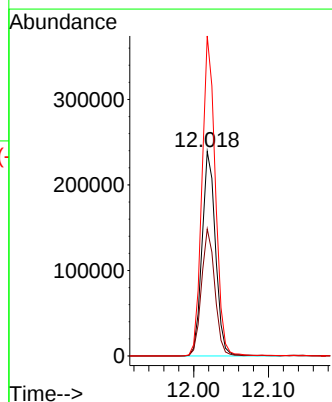
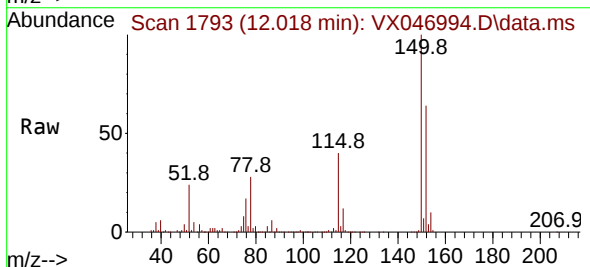
Manual Integrations
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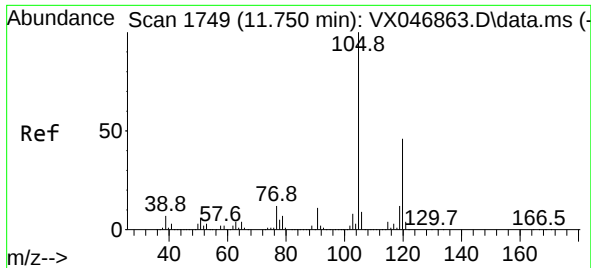
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

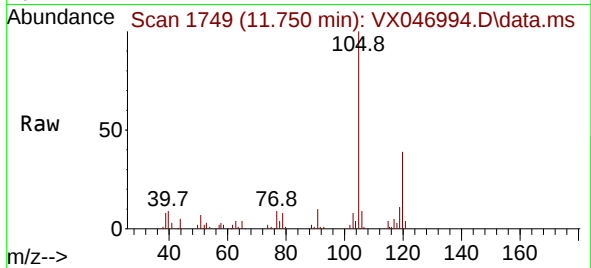
Tgt Ion:152 Resp: 299369
Ion Ratio Lower Upper
152 100
115 61.6 42.4 127.1
150 154.8 0.0 349.2





#84
1,2,4-Trimethylbenzene
Concen: 1.122 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

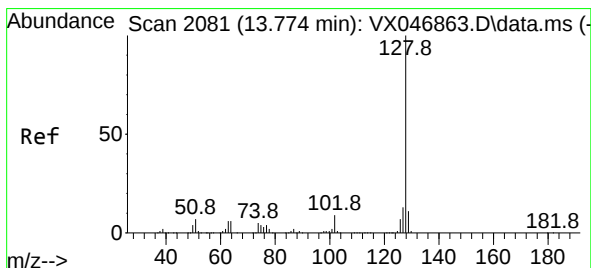
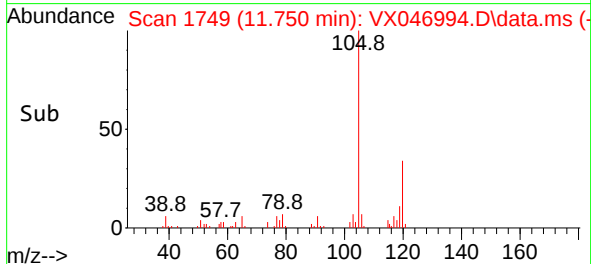
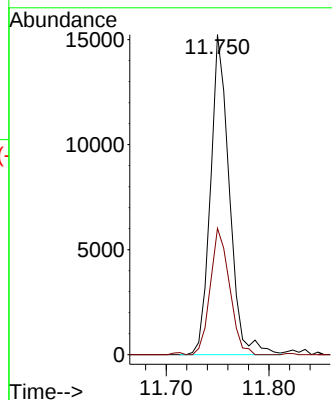
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-GRE



Tgt Ion:105 Resp: 19390
Ion Ratio Lower Upper
105 100
120 40.2 23.3 69.8

Manual Integrations
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Supervised By :Mahesh Dadoda 07/16/2025



#95
Naphthalene
Concen: 149.983 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046994.D
Acq: 15 Jul 2025 12:30

Tgt Ion:128 Resp: 2550761
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.6 13.0

