

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046601.D
 Acq On : 10 Jun 2025 14:38
 Operator : JC/MD
 Sample : Q2230-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-MW901-060425

Quant Time: Jun 11 01:48:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	112231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100300	50.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.460%			
35) Dibromofluoromethane	5.397	113	82652	49.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.653	98	296387	54.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.640%			
62) 4-Bromofluorobenzene	11.079	95	125497	55.586	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.180%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	37286	51.274	ug/l	93
25) 2-Butanone	4.580	43	9330	8.394	ug/l	97
30) Chloroform	5.111	83	8181	2.715	ug/l	100
39) Methylcyclohexane	7.385	83	2176	0.780	ug/l #	82
40) Benzene	6.056	78	2130	0.320	ug/l	91
52) Toluene	8.720	92	6393	1.563	ug/l	98
67) Ethyl Benzene	10.195	91	35673	3.738	ug/l	98
68) m/p-Xylenes	10.299	106	53415	15.428	ug/l	100
69) o-Xylene	10.640	106	64394	19.229	ug/l	99
73) Isopropylbenzene	10.963	105	11077	1.209	ug/l	99
78) n-propylbenzene	11.305	91	26062	2.349	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	52157	6.829	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	191613	24.799	ug/l	99
85) sec-Butylbenzene	11.890	105	9000	0.901	ug/l	90
89) n-Butylbenzene	12.329	91	9674m	1.183	ug/l	

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

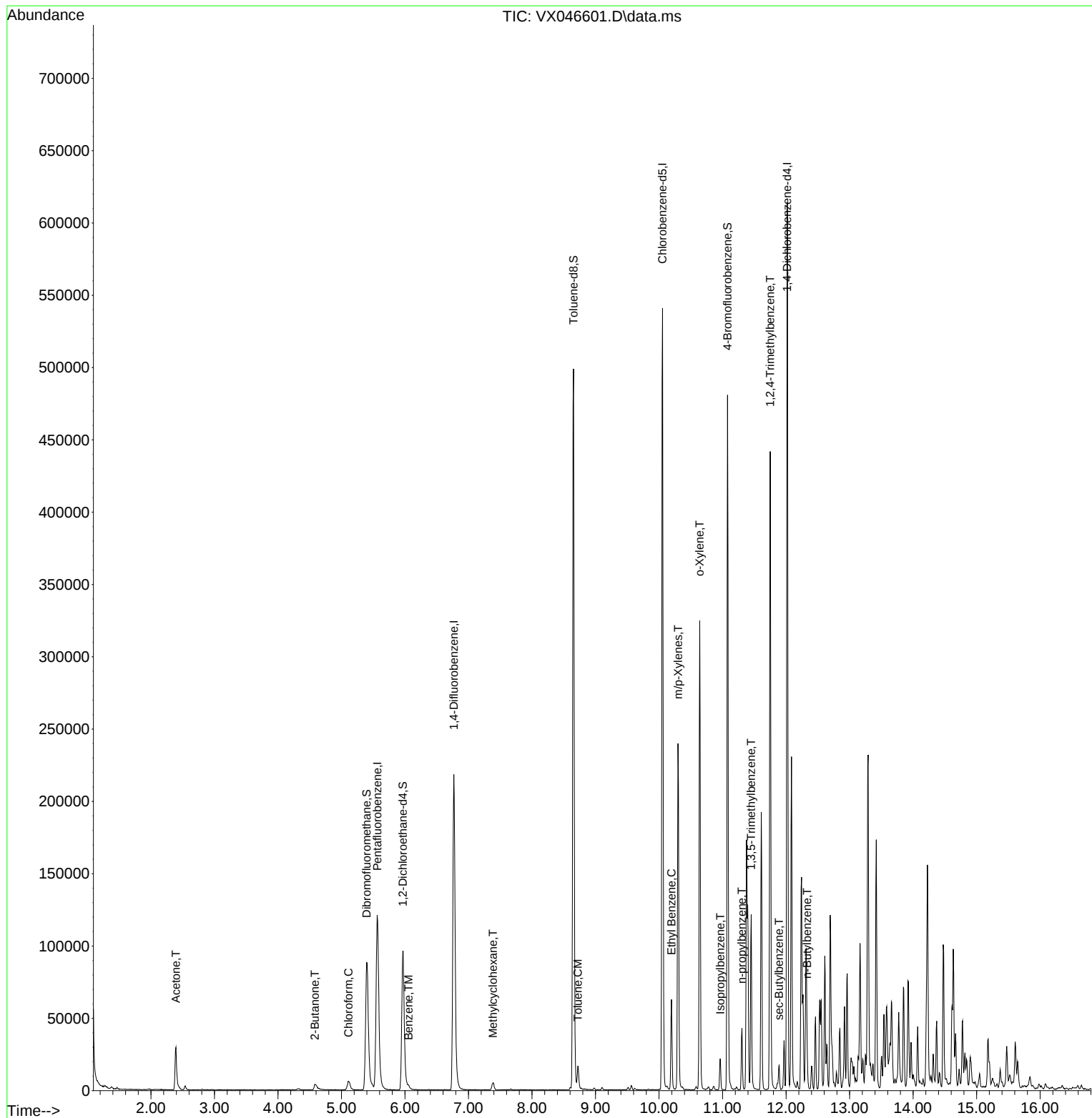
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Data File : VX046601.D
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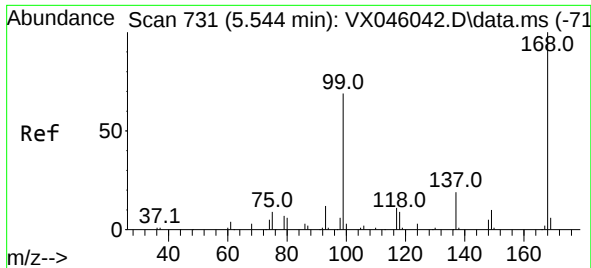
Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
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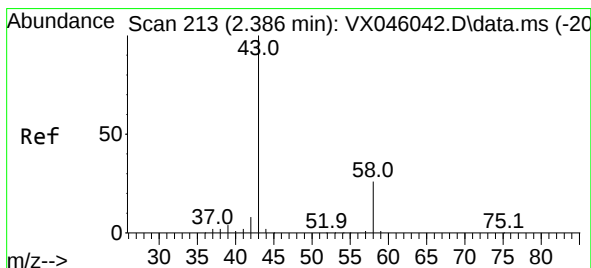
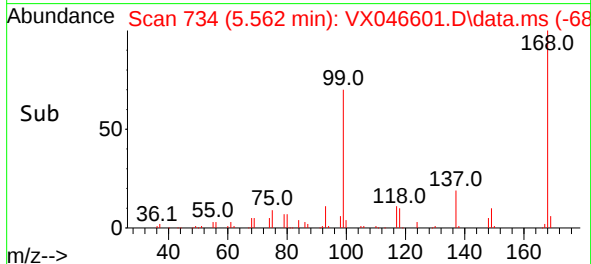
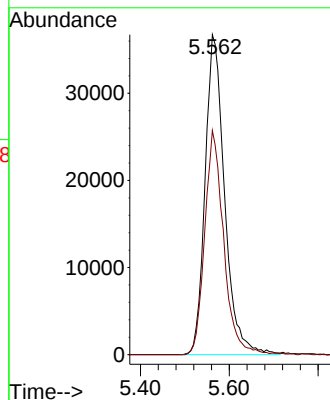
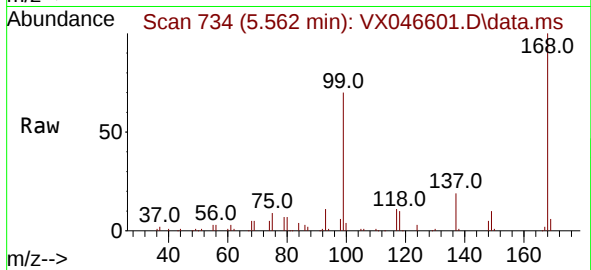
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425

Tgt Ion:168 Resp: 11223
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3

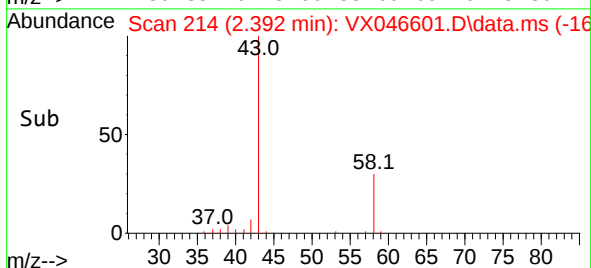
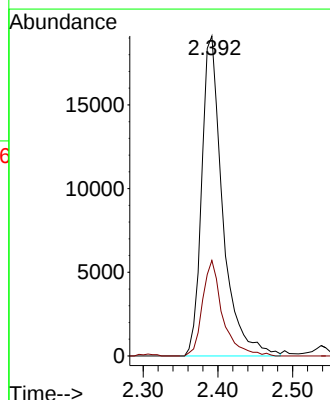
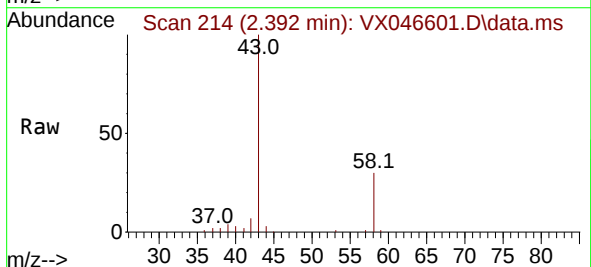
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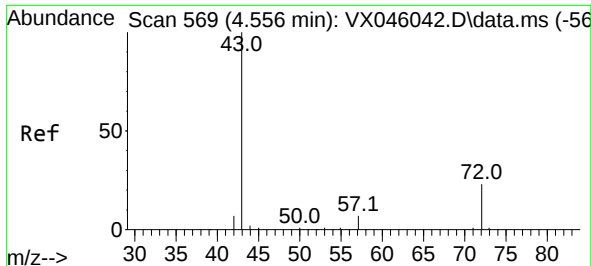
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Acetone
Concen: 51.274 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

Tgt Ion: 43 Resp: 37286
Ion Ratio Lower Upper
43 100
58 29.8 21.2 31.8





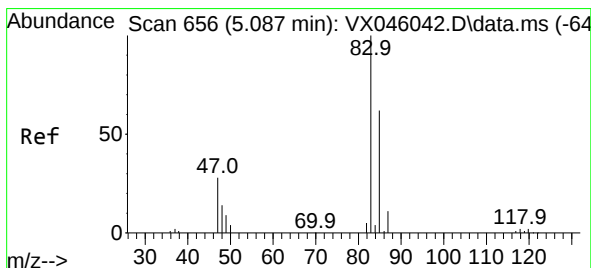
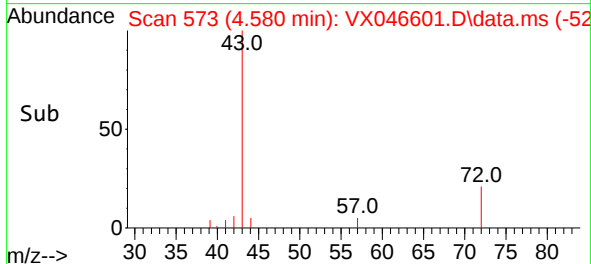
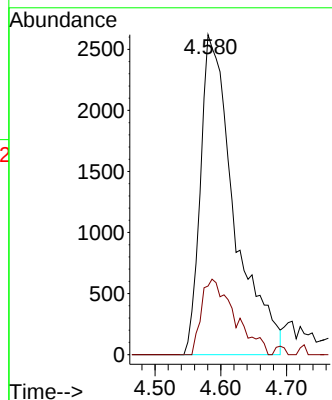
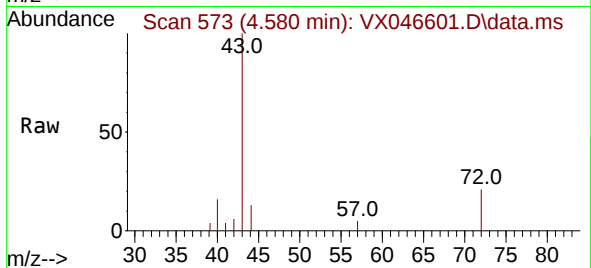
#25
2-Butanone
Concen: 8.394 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425

Tgt Ion: 43 Resp: 9330
Ion Ratio Lower Upper
43 100
72 21.5 18.4 27.6

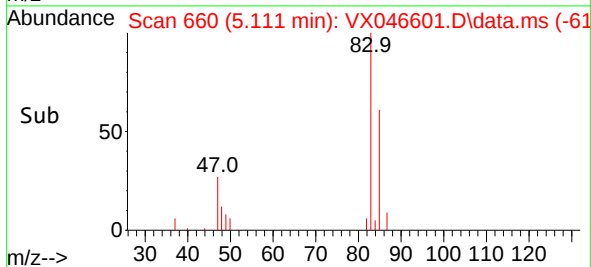
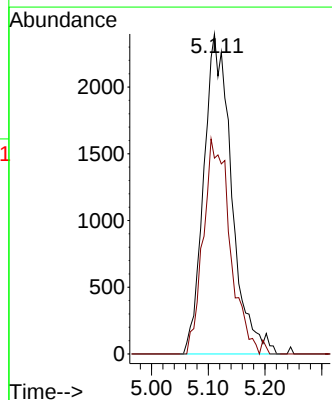
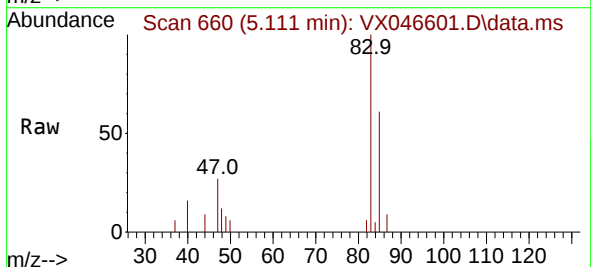
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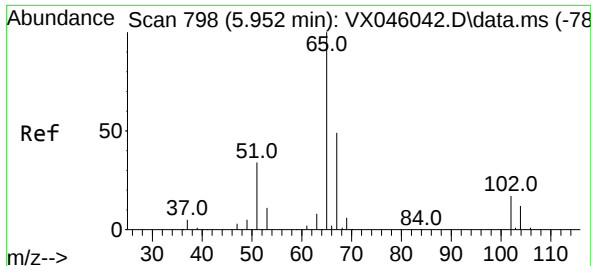
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#30
Chloroform
Concen: 2.715 ug/l
RT: 5.111 min Scan# 660
Delta R.T. -0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

Tgt Ion: 83 Resp: 8181
Ion Ratio Lower Upper
83 100
85 61.2 49.3 73.9





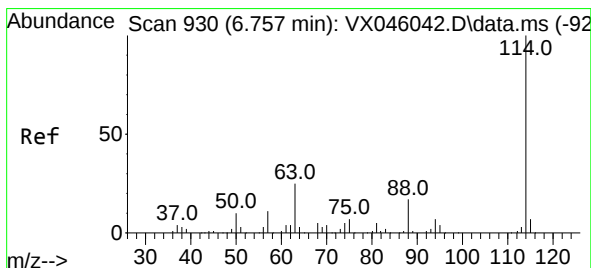
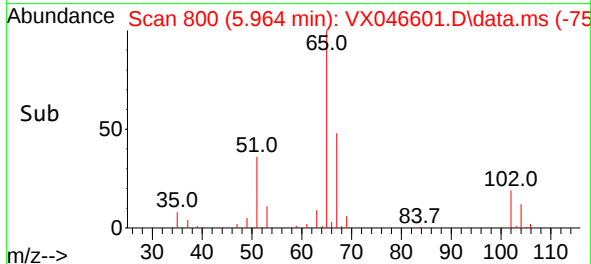
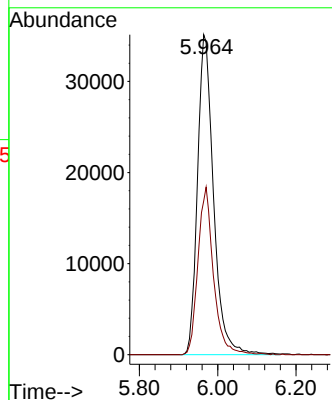
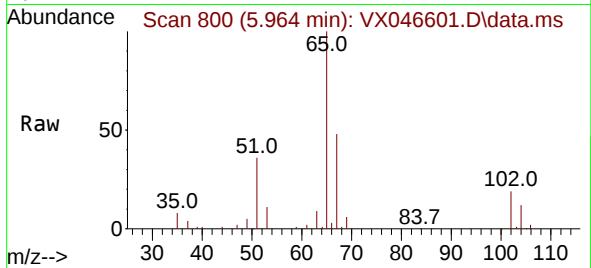
#33
1,2-Dichloroethane-d4
Concen: 50.233 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425

Tgt Ion: 65 Resp: 100300
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.0

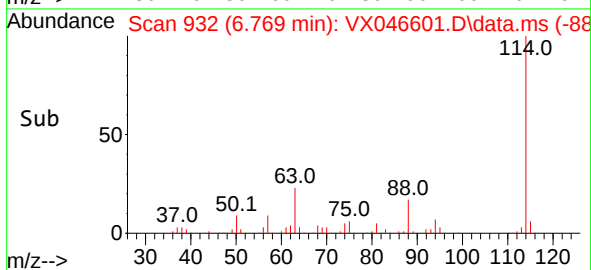
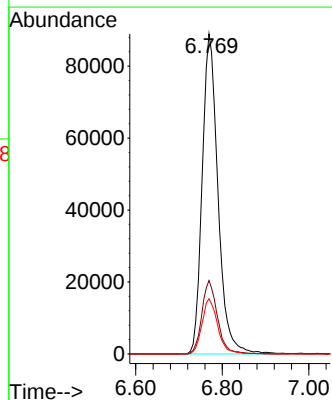
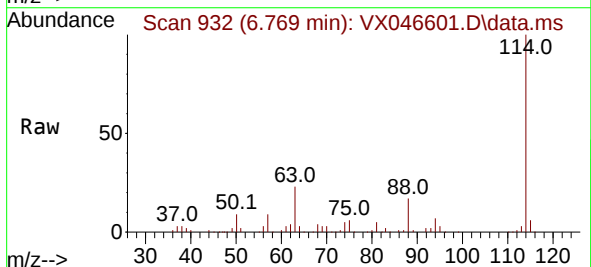
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

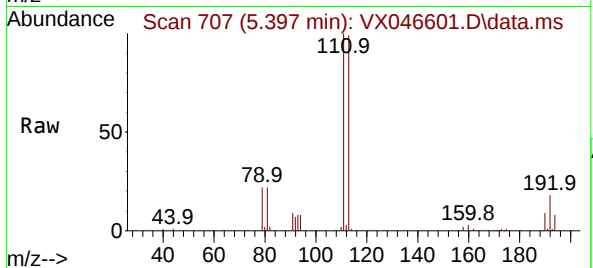
Tgt Ion:114 Resp: 225068
Ion Ratio Lower Upper
114 100
63 22.9 0.0 49.2
88 17.2 0.0 33.6





#35
Dibromofluoromethane
Concen: 49.936 ug/l
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

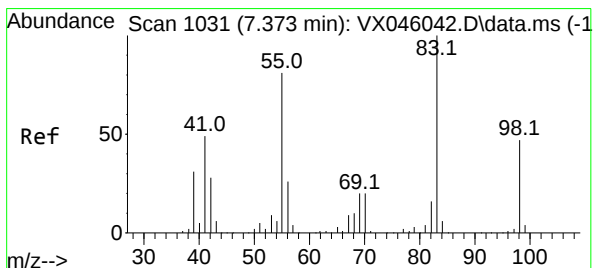
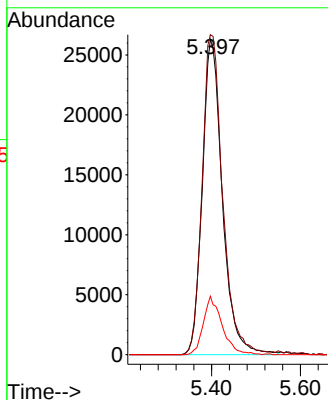
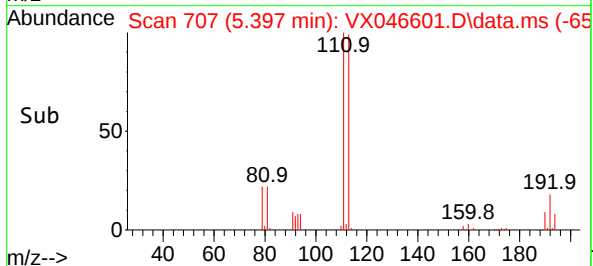
Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425



Tgt Ion: 113 Resp: 82652
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 17.3 13.3 19.9

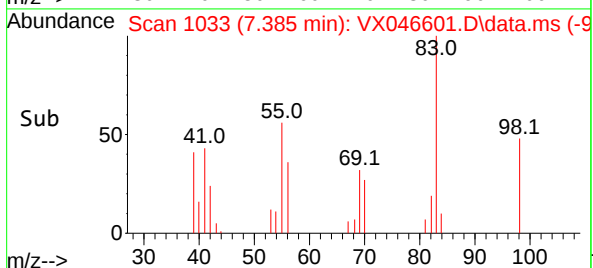
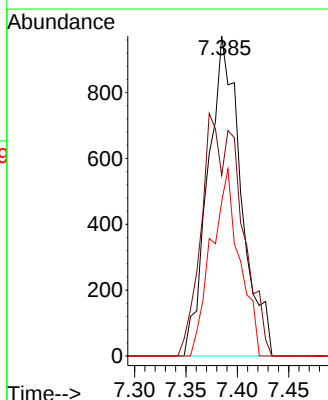
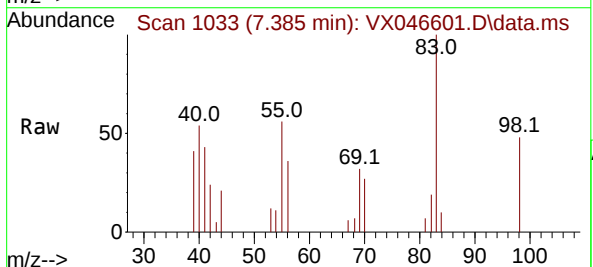
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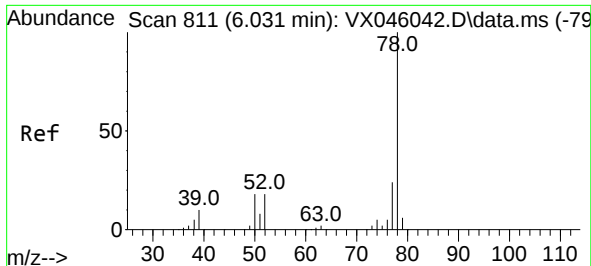
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#39
Methylcyclohexane
Concen: 0.780 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

Tgt Ion: 83 Resp: 2176
Ion Ratio Lower Upper
83 100
55 56.5 64.7 97.1#
98 48.3 37.4 56.2





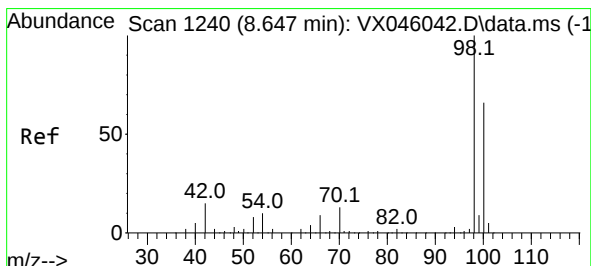
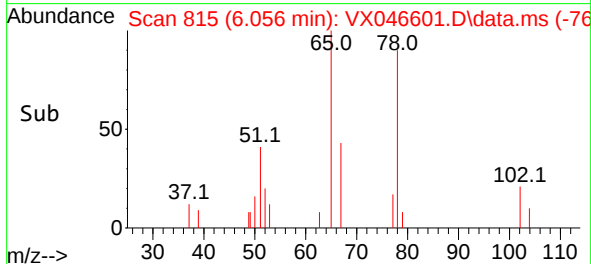
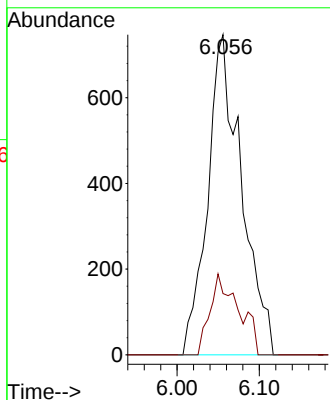
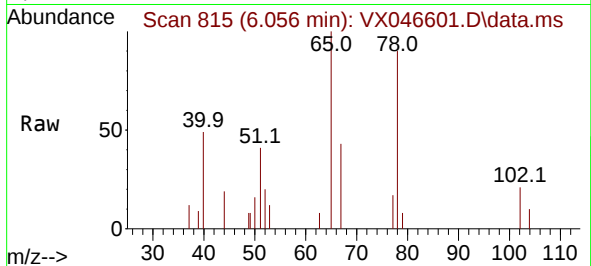
#40
Benzene
Concen: 0.320 ug/l
RT: 6.056 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425

Tgt Ion: 78 Resp: 2130
Ion Ratio Lower Upper
78 100
77 19.1 19.0 28.4

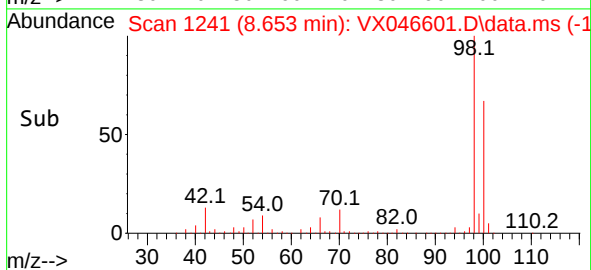
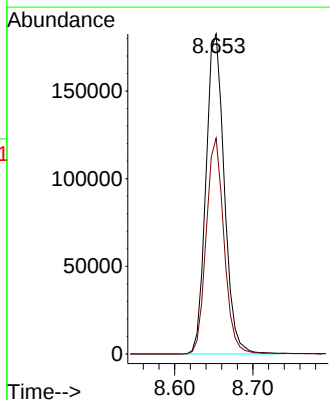
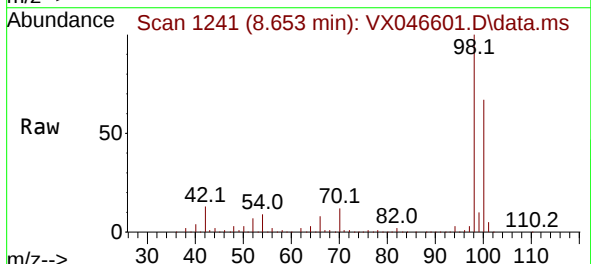
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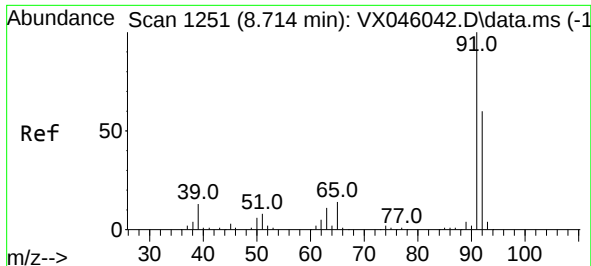
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#50
Toluene-d8
Concen: 54.315 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

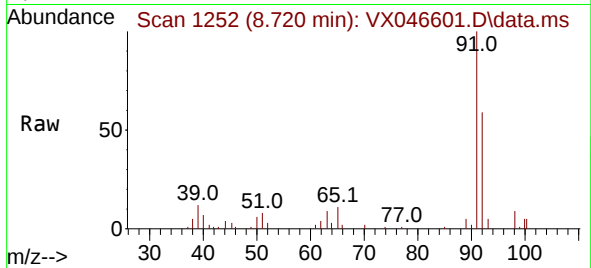
Tgt Ion: 98 Resp: 296387
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3





#52
Toluene
Concen: 1.563 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

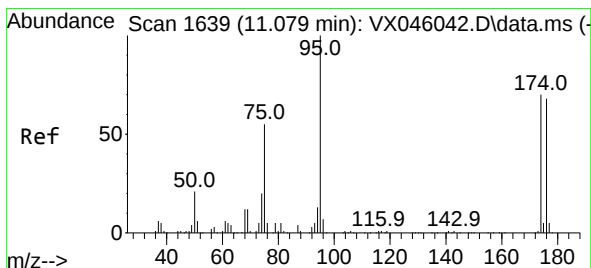
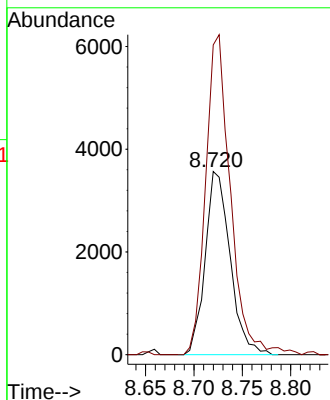
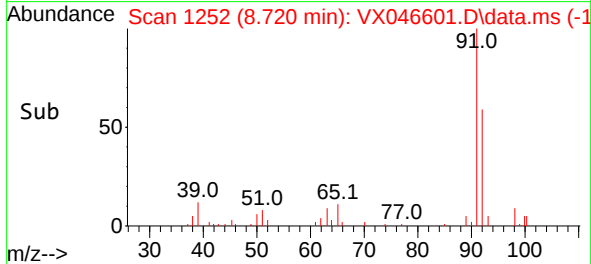
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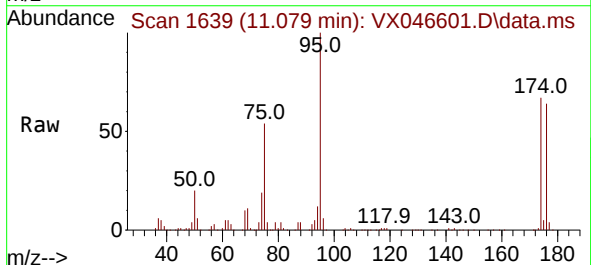
Tgt Ion: 92 Resp: 639
Ion Ratio Lower Upper
92 100
91 173.9 136.6 205.0

Manual Integrations
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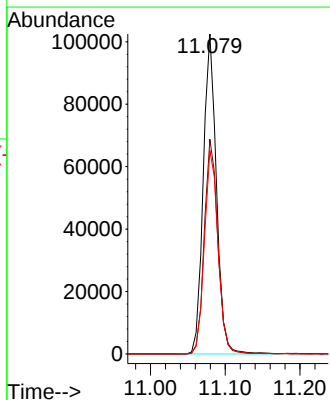
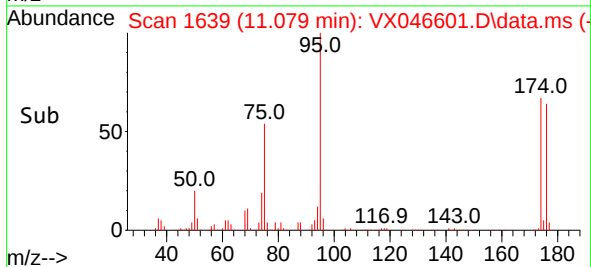
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

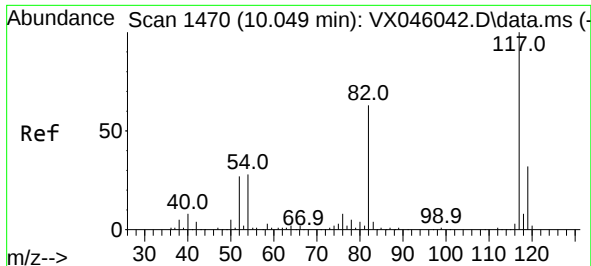


#62
4-Bromofluorobenzene
Concen: 55.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38



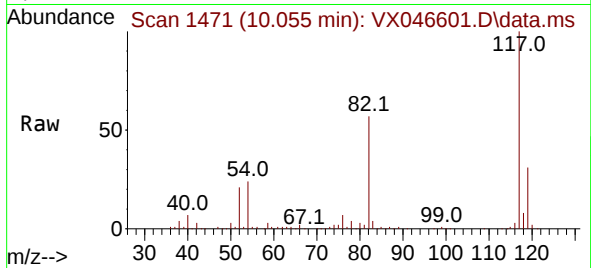
Tgt Ion: 95 Resp: 125497
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 65.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

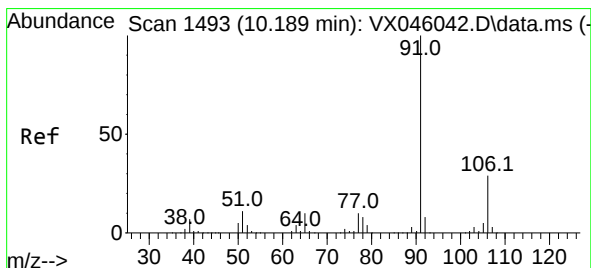
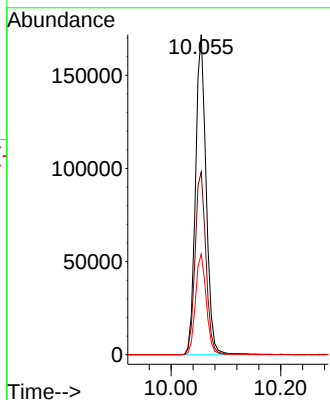
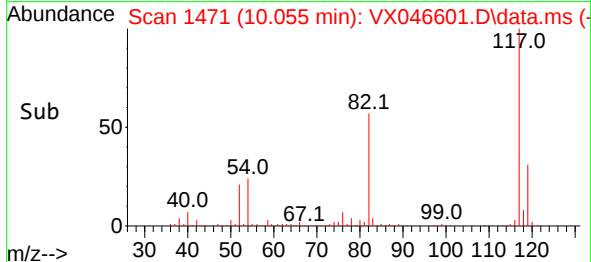
Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425



Tgt Ion:117 Resp: 232450
Ion Ratio Lower Upper
117 100
82 57.1 50.6 76.0
119 31.4 25.8 38.6

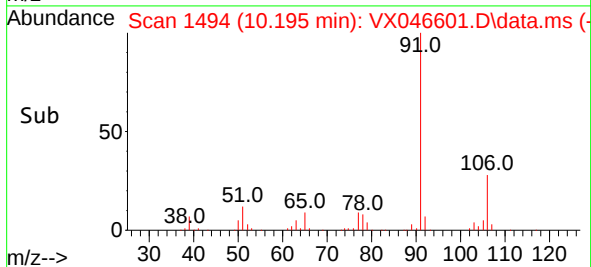
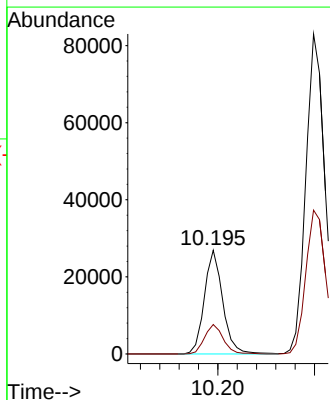
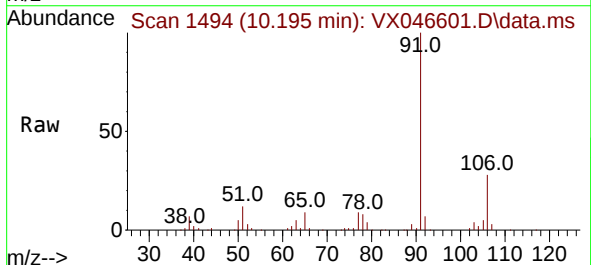
Manual Integrations
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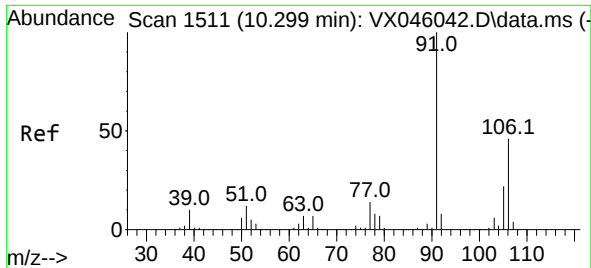
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#67
Ethyl Benzene
Concen: 3.738 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

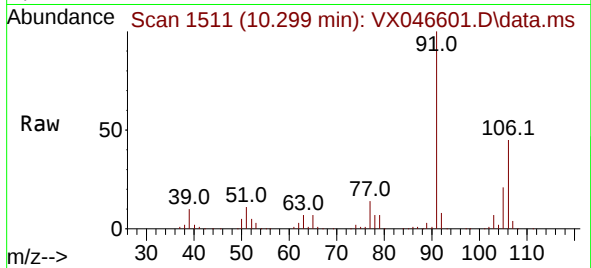
Tgt Ion: 91 Resp: 35673
Ion Ratio Lower Upper
91 100
106 28.5 23.4 35.2





#68
m/p-Xylenes
Concen: 15.428 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

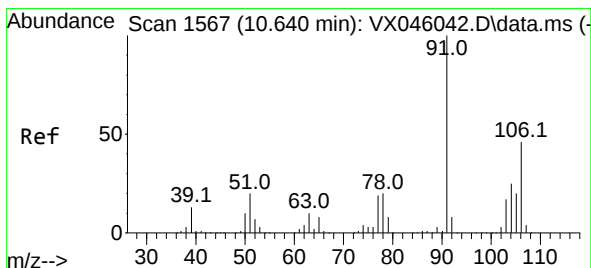
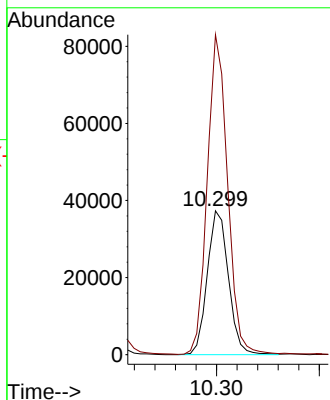
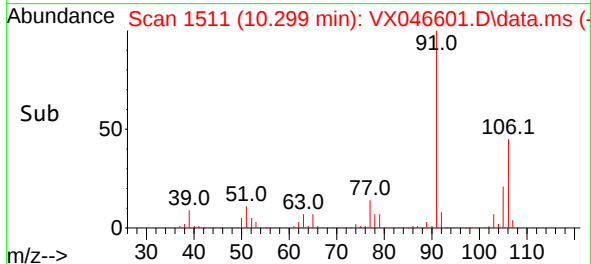
Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425



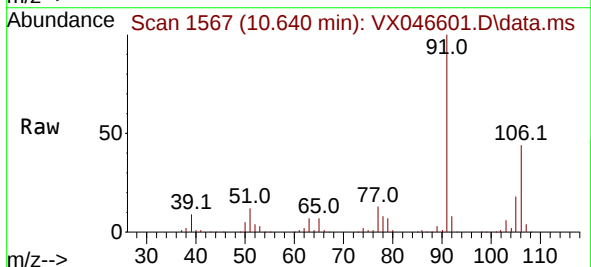
Tgt Ion:106 Resp: 53415
Ion Ratio Lower Upper
106 100
91 213.7 171.2 256.8

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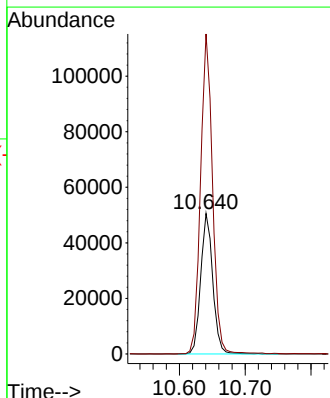
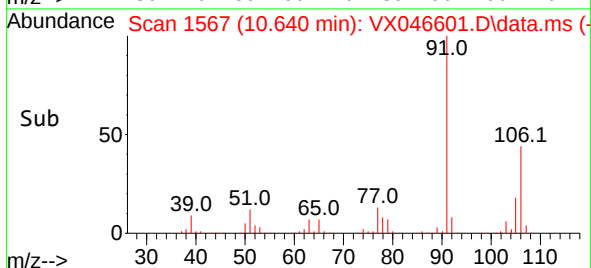
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

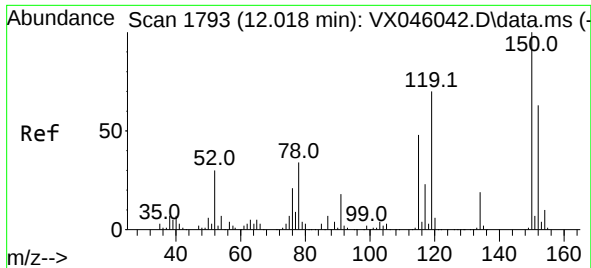


#69
o-Xylene
Concen: 19.229 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38



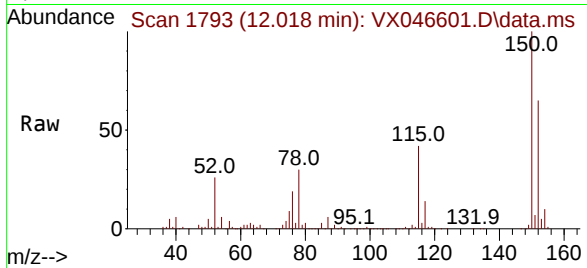
Tgt Ion:106 Resp: 64394
Ion Ratio Lower Upper
106 100
91 226.5 112.7 338.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

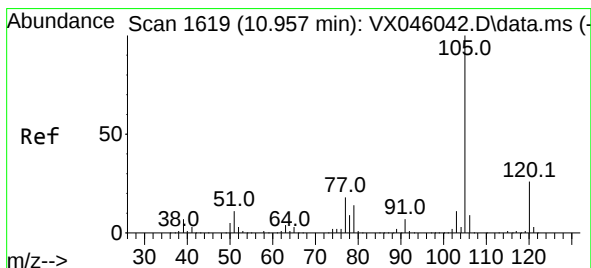
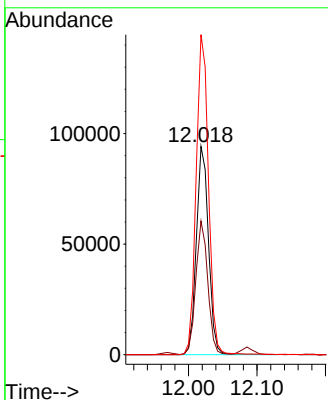
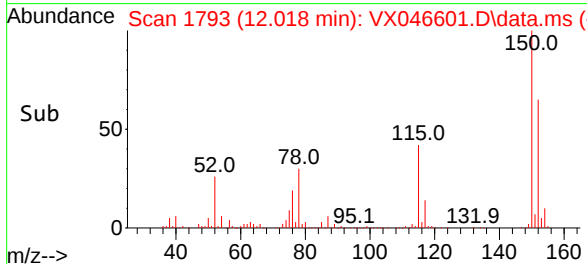
Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425



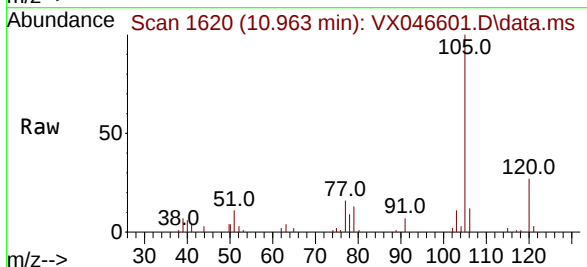
Tgt Ion:152 Resp: 116598
Ion Ratio Lower Upper
152 100
115 62.9 46.9 140.7
150 155.3 0.0 351.0

Manual Integrations
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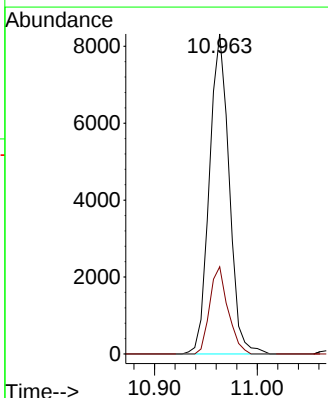
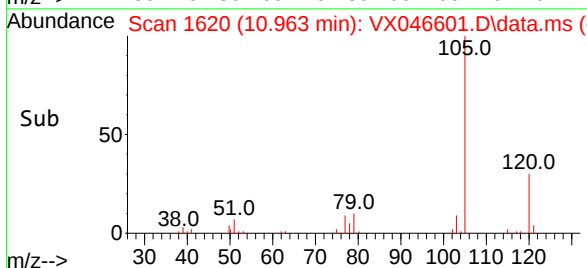
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

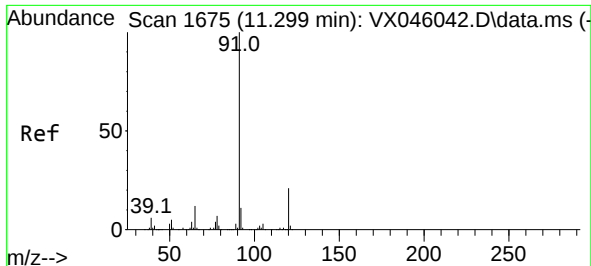


#73
Isopropylbenzene
Concen: 1.209 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38



Tgt Ion:105 Resp: 11077
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4





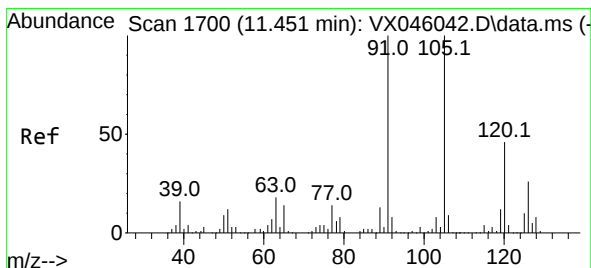
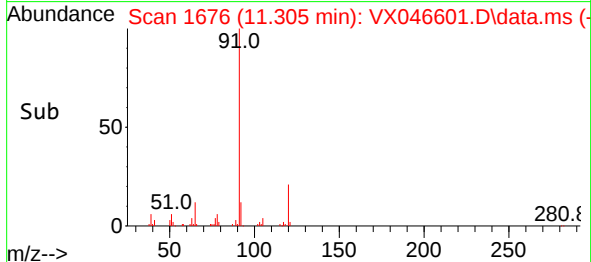
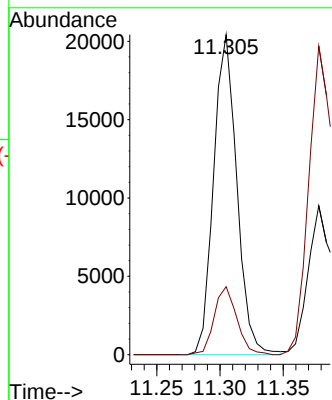
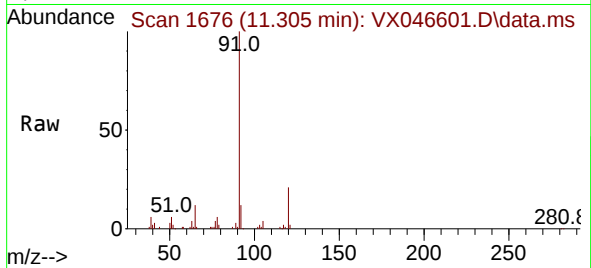
#78
n-propylbenzene
Concen: 2.349 ug/l
RT: 11.305 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425

Tgt Ion: 91 Resp: 26062
Ion Ratio Lower Upper
91 100
120 20.7 10.8 32.4

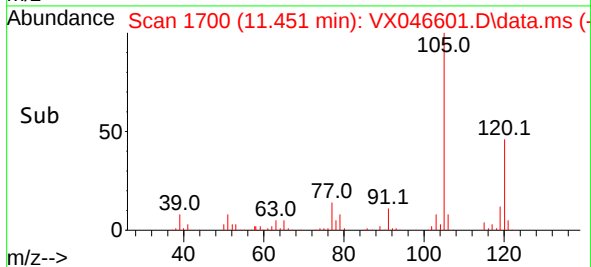
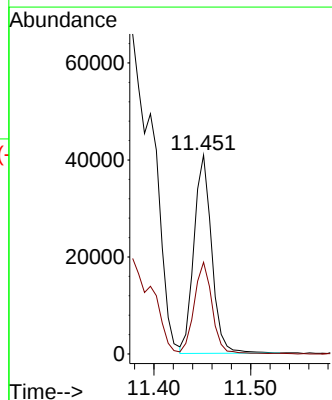
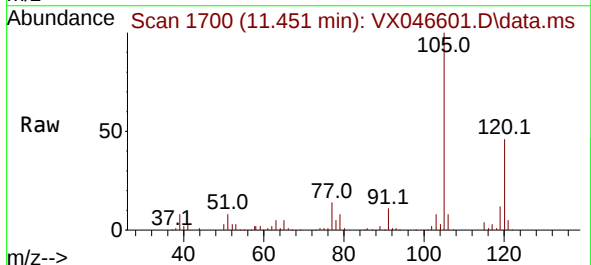
Manual Integrations
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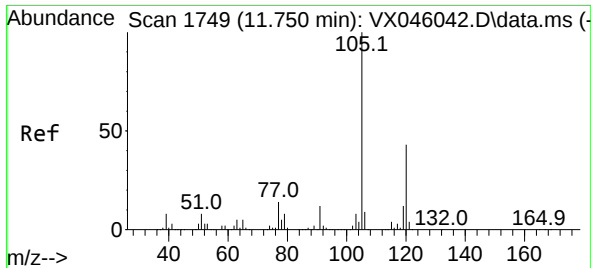
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 6.829 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

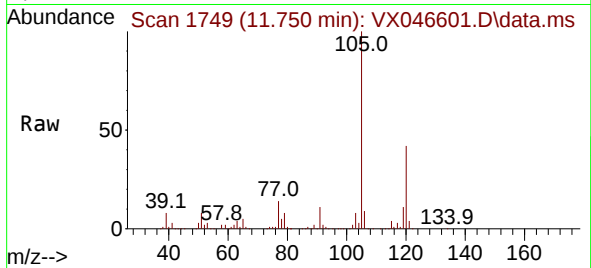
Tgt Ion:105 Resp: 52157
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#84
1,2,4-Trimethylbenzene
Concen: 24.799 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38

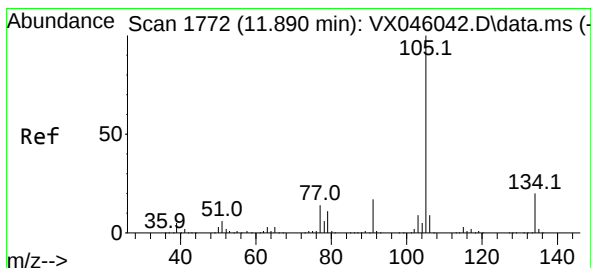
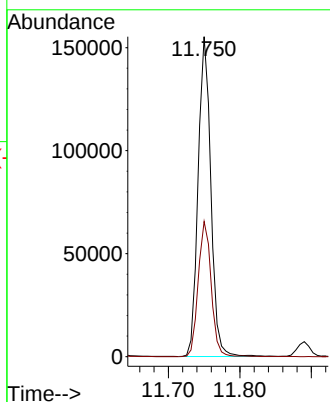
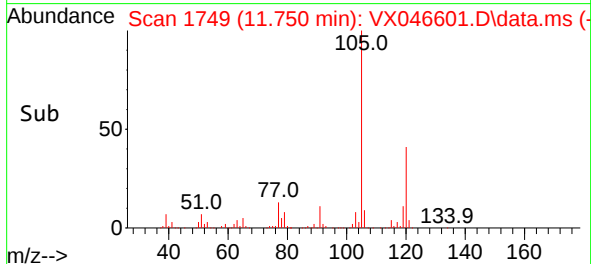
Instrument :
MSVOA_X
ClientSampleId :
GW-MW901-060425



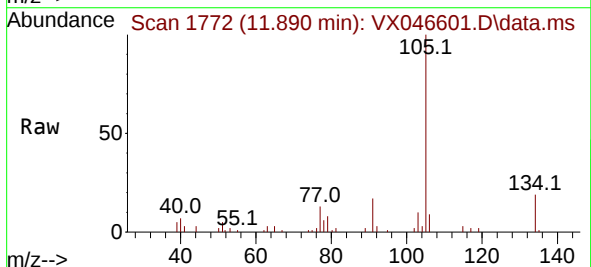
Tgt Ion:105 Resp: 19161
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6

Manual Integrations
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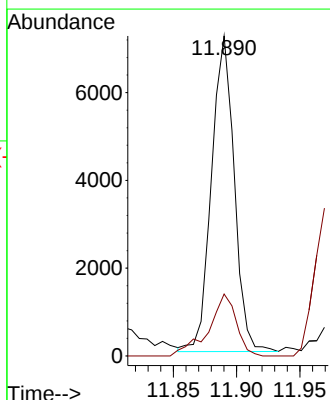
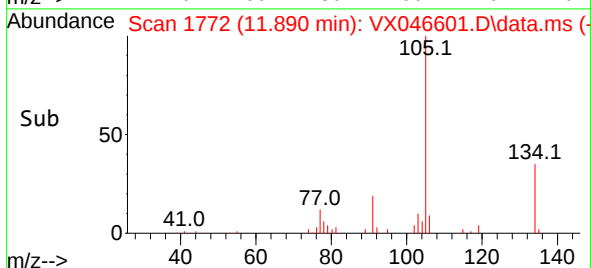
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

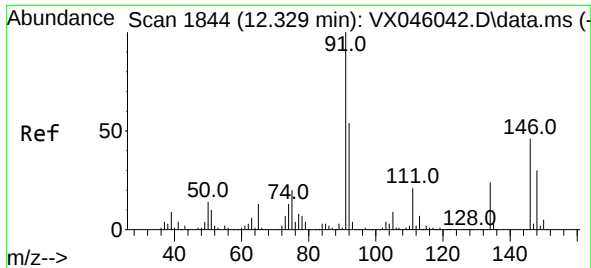


#85
sec-Butylbenzene
Concen: 0.901 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046601.D
Acq: 10 Jun 2025 14:38



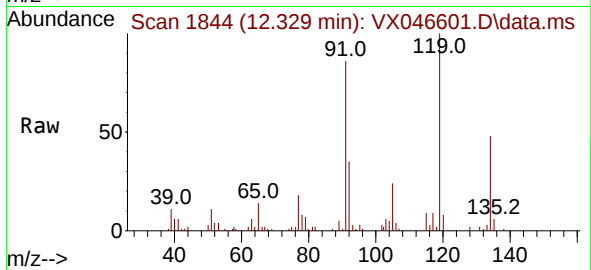
Tgt Ion:105 Resp: 9000
Ion Ratio Lower Upper
105 100
134 23.8 9.7 29.1





#89
 n-Butylbenzene
 Concen: 1.183 ug/l m
 RT: 12.329 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046601.D
 Acq: 10 Jun 2025 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-MW901-060425



Tgt Ion: 91 Resp: 9674

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.9	80.7
134	0.0	11.8	35.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

