

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046400.D
 Acq On : 29 May 2025 15:33
 Operator : JC/MD
 Sample : Q2139-01
 Misc : 1.18g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BELL-25-0010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:31:17 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	57997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	114939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	53756	49.717	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.440%		
35) Dibromofluoromethane	5.379	113	39997	48.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.640%		
50) Toluene-d8	8.647	98	143466	50.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.160%		
62) 4-Bromofluorobenzene	11.079	95	61077	55.582	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	111.160%		
Target Compounds					Qvalue	
21) trans-1,2-Dichloroethene	3.075	96	514206	743.514	ug/l	97
39) Methylcyclohexane	7.367	83	23331	16.296	ug/l	91
52) Toluene	8.714	92	125873	63.020	ug/l	98
67) Ethyl Benzene	10.195	91	20785	4.901	ug/l	99
68) m/p-Xylenes	10.299	106	26872	17.323	ug/l	98
69) o-Xylene	10.640	106	13641	9.020	ug/l	98
73) Isopropylbenzene	10.964	105	9675	2.350	ug/l	98
78) n-propylbenzene	11.305	91	37662	7.867	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	38348	11.149	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	144880	41.594	ug/l	99
85) sec-Butylbenzene	11.890	105	15891	3.736	ug/l	87
86) p-Isopropyltoluene	12.006	119	8697	2.477	ug/l	97
89) n-Butylbenzene	12.329	91	17024m	5.527	ug/l	

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

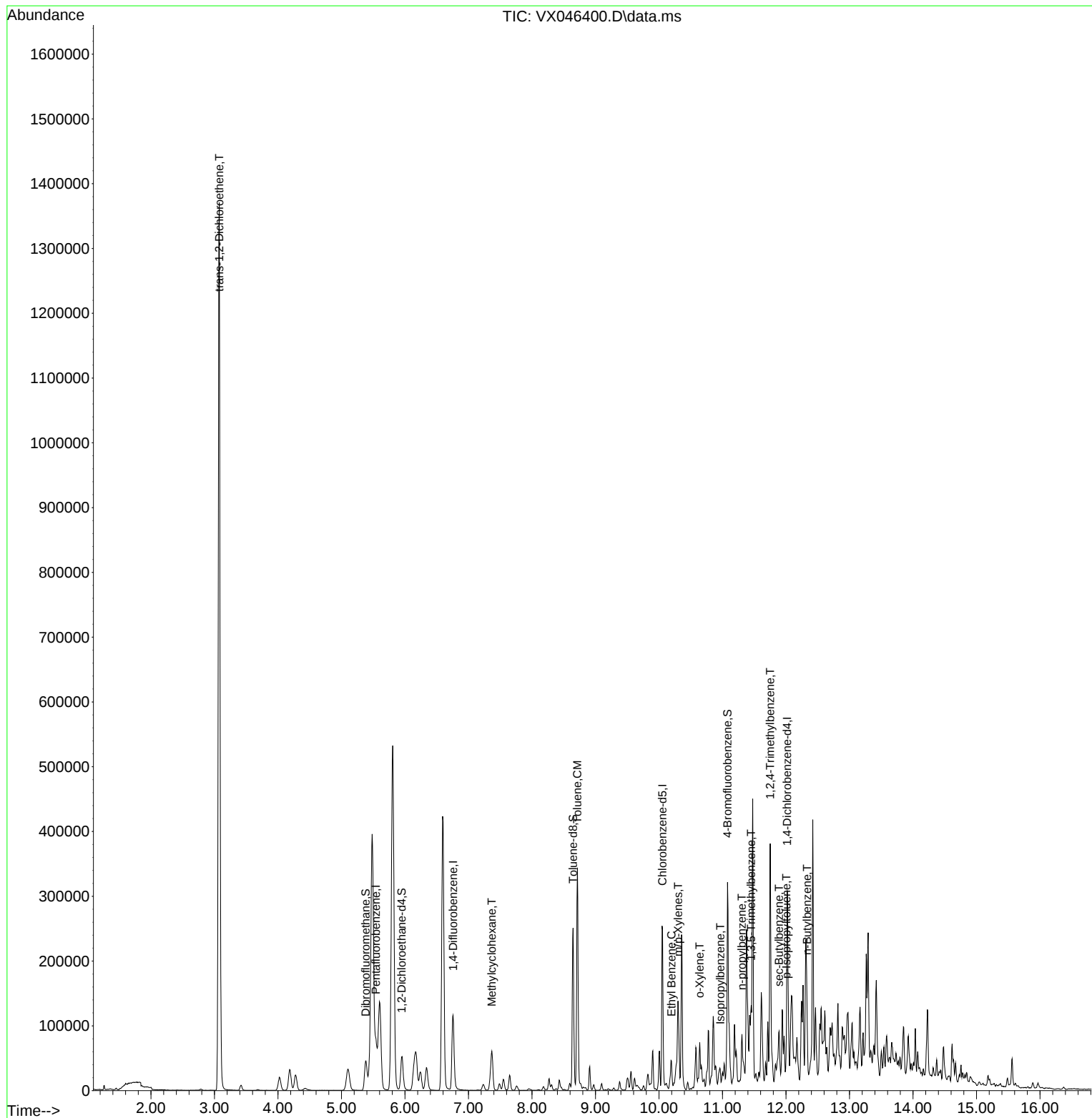
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046400.D
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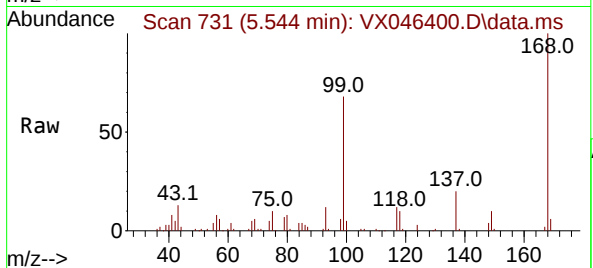
Quant Time: May 30 01:31:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

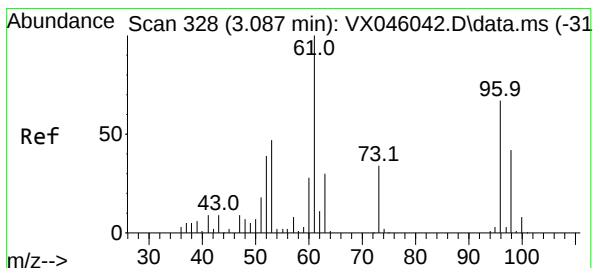
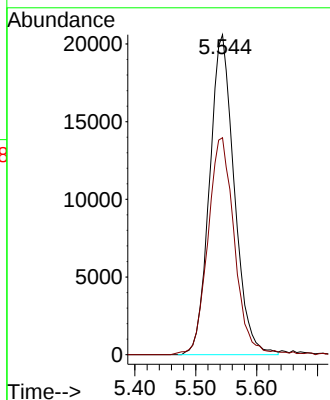
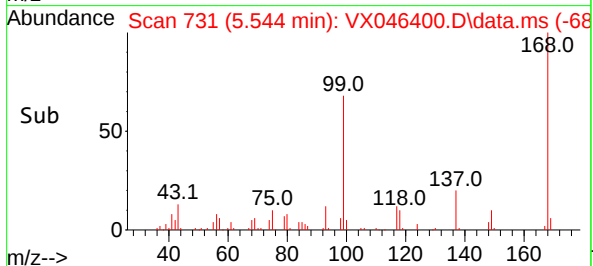
Instrument :
MSVOA_X
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BELL-25-0010



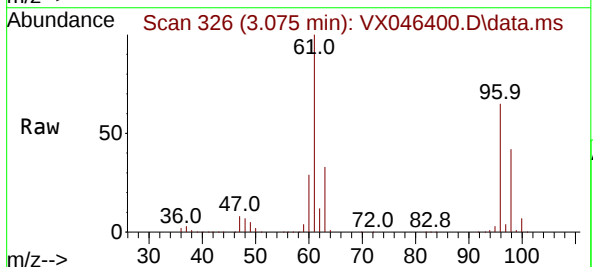
Tgt Ion:168 Resp: 5799
Ion Ratio Lower Upper
168 100
99 67.2 54.9 82.3

Manual Integrations
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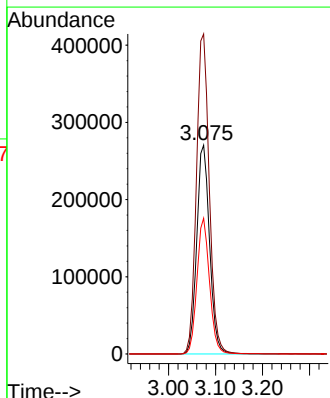
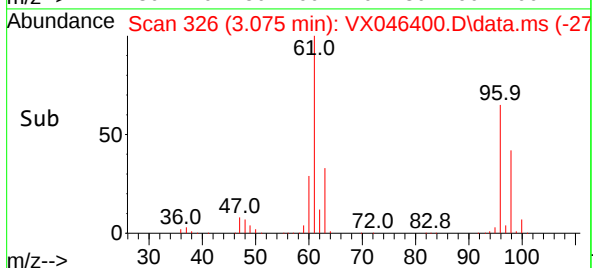
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

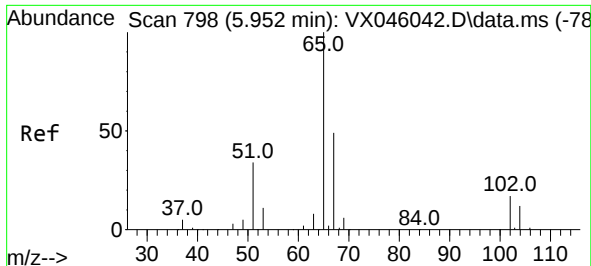


#21
trans-1,2-Dichloroethene
Concen: 743.514 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33



Tgt Ion: 96 Resp: 514206
Ion Ratio Lower Upper
96 100
61 153.3 119.5 179.3
98 65.0 50.0 75.0





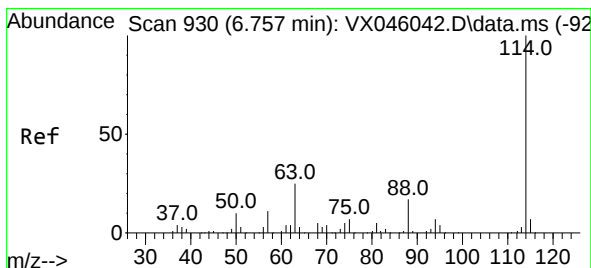
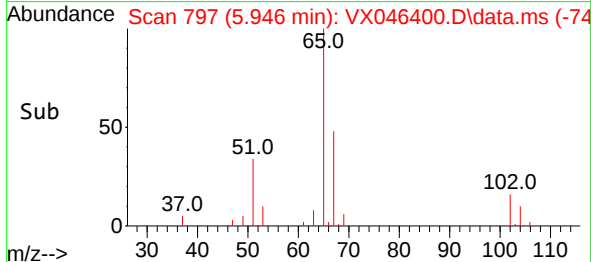
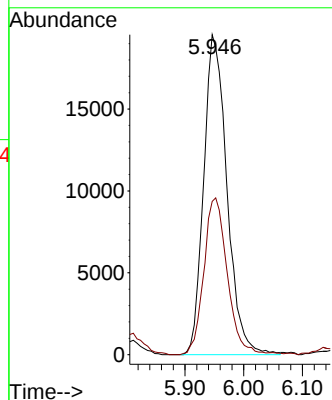
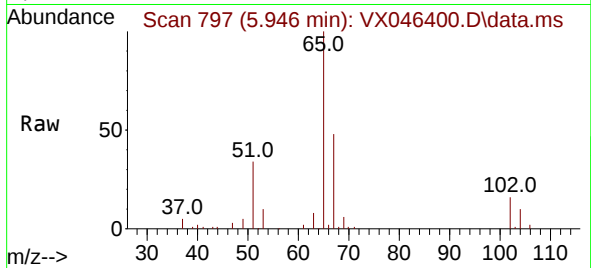
#33
1,2-Dichloroethane-d4
Concen: 49.717 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX046400.D
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MSVOA_X
ClientSampleId :
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Tgt Ion: 65 Resp: 53750
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

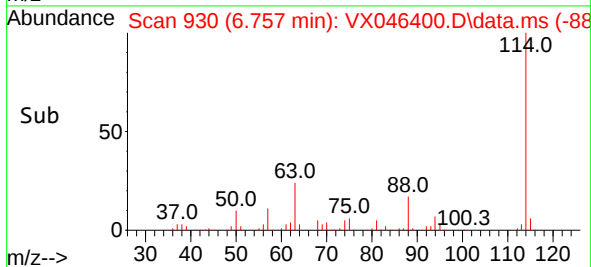
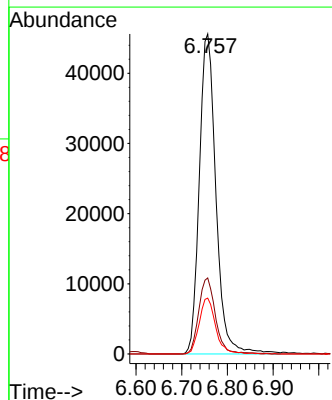
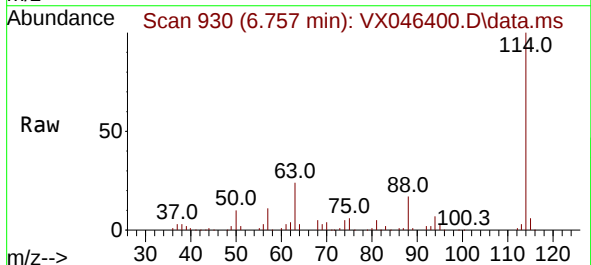
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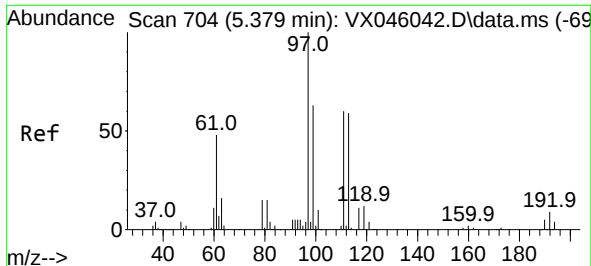
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

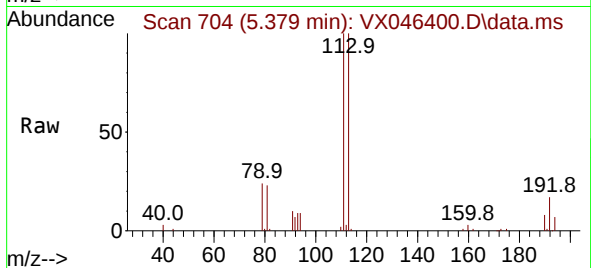
Tgt Ion:114 Resp: 114939
Ion Ratio Lower Upper
114 100
63 23.7 0.0 49.2
88 17.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 48.324 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

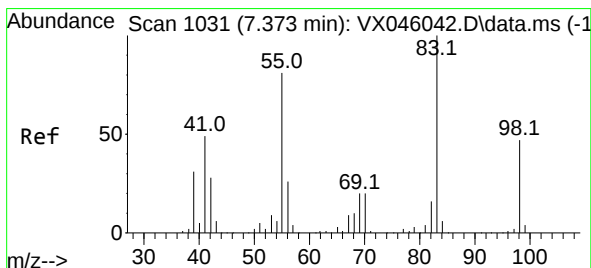
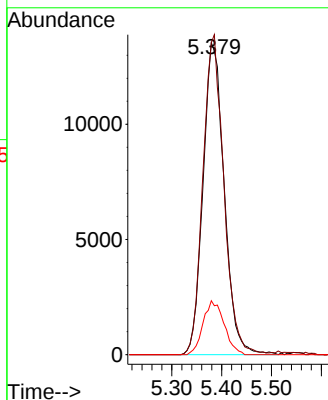
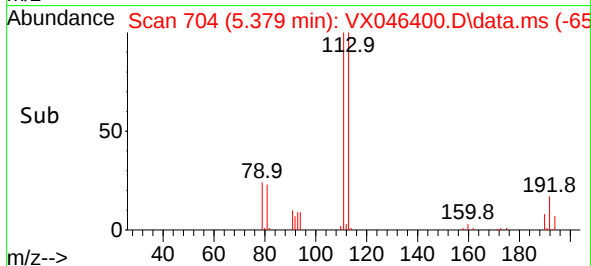
Instrument :
MSVOA_X
ClientSampleId :
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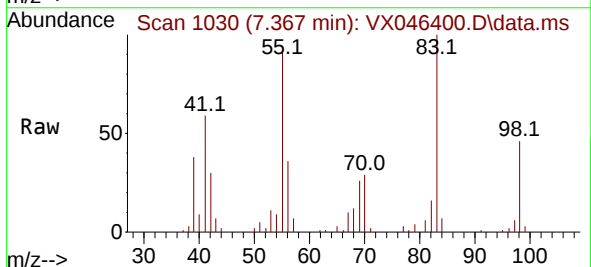
Tgt Ion: 113 Resp: 3999
Ion Ratio Lower Upper
113 100
111 101.1 83.1 124.7
192 17.2 13.3 19.9

Manual Integrations
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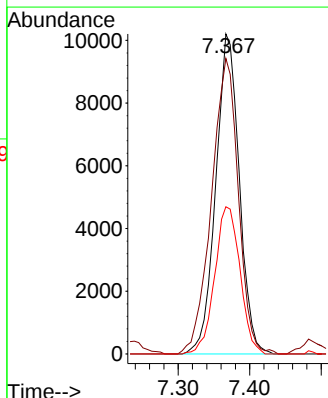
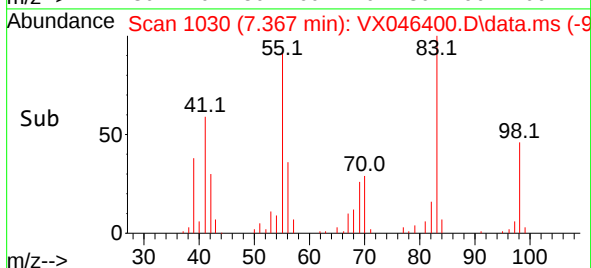
Reviewed By :John Carlone 05/30/2025
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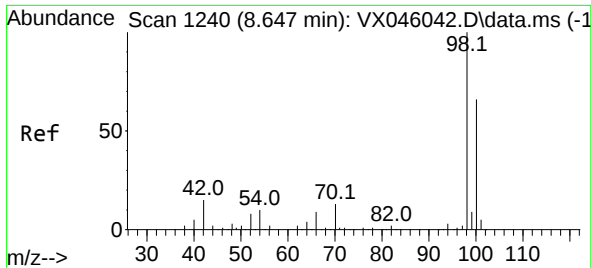


#39
Methylcyclohexane
Concen: 16.296 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33



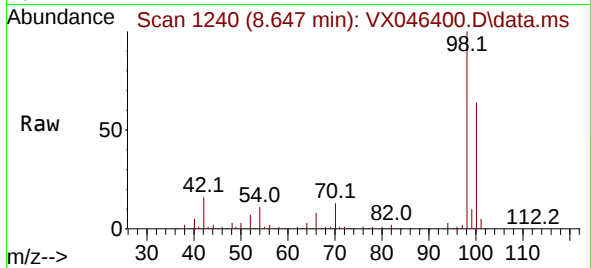
Tgt Ion: 83 Resp: 23331
Ion Ratio Lower Upper
83 100
55 92.4 64.7 97.1
98 46.0 37.4 56.2





#50
Toluene-d8
Concen: 50.080 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

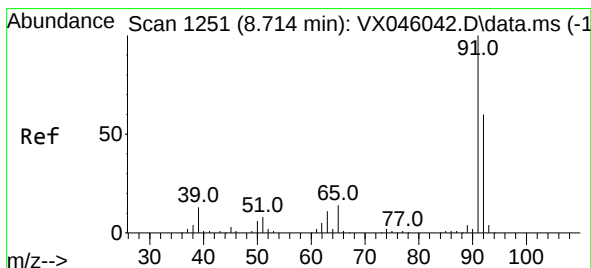
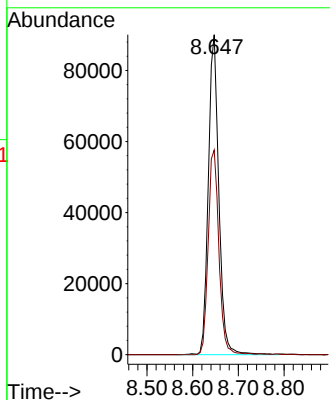
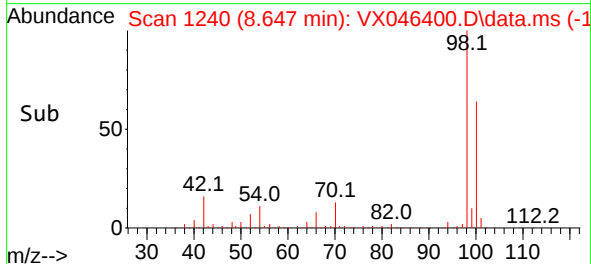
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ClientSampleId :
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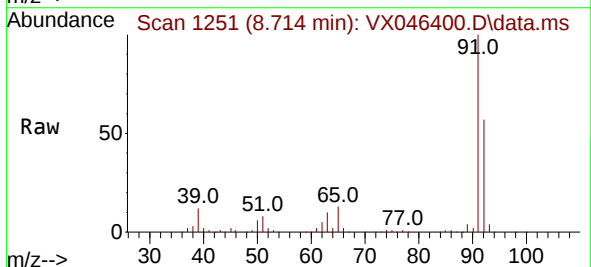
Tgt Ion: 98 Resp: 143460
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

Manual Integrations
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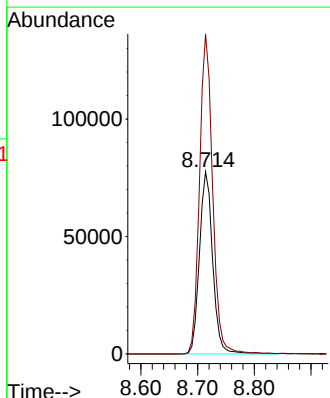
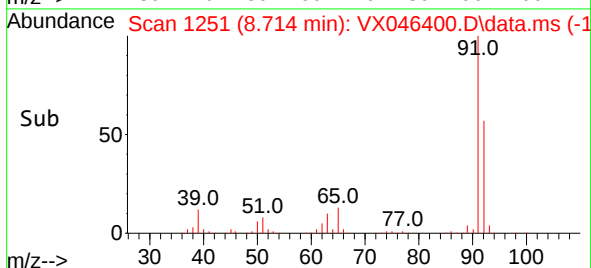
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

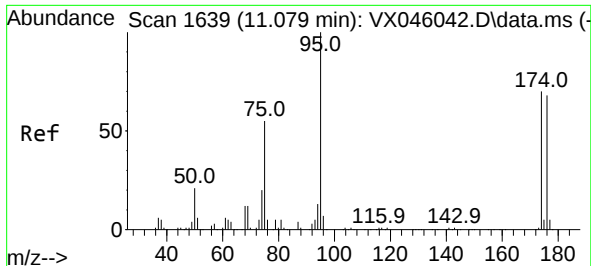


#52
Toluene
Concen: 63.020 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33



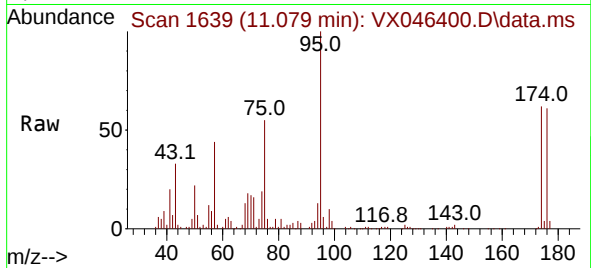
Tgt Ion: 92 Resp: 125873
Ion Ratio Lower Upper
92 100
91 173.5 136.6 205.0





#62
4-Bromofluorobenzene
Concen: 55.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

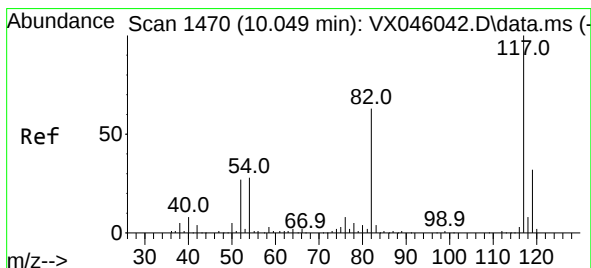
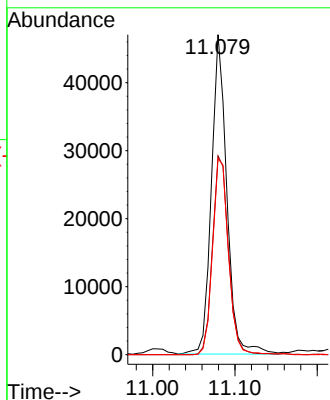
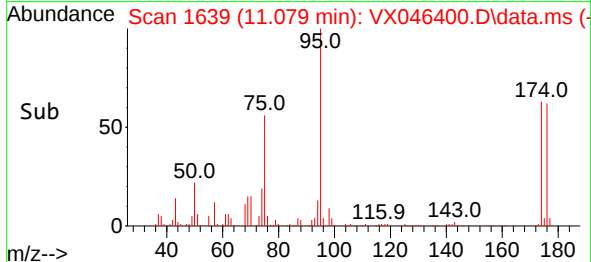
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ClientSampleId :
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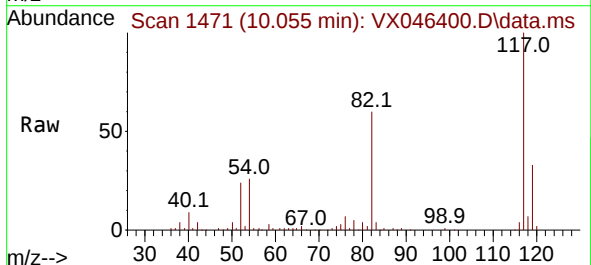
Tgt Ion: 95 Resp: 61072
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.8
176 63.1 0.0 131.4

Manual Integrations
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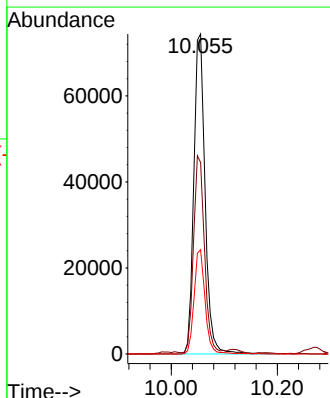
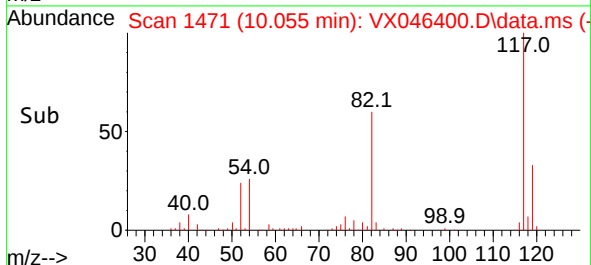
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

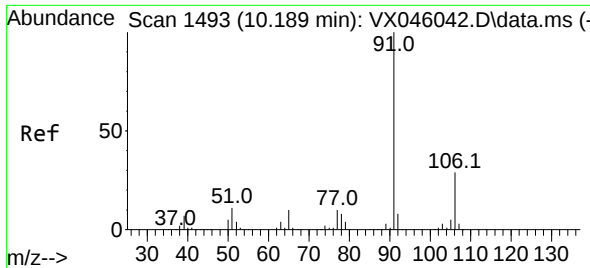


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33



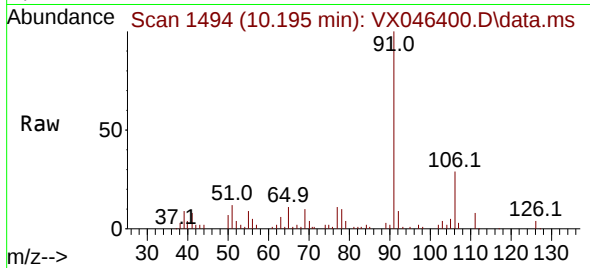
Tgt Ion:117 Resp: 109928
Ion Ratio Lower Upper
117 100
82 59.8 50.6 76.0
119 32.6 25.8 38.6





#67
Ethyl Benzene
Concen: 4.901 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

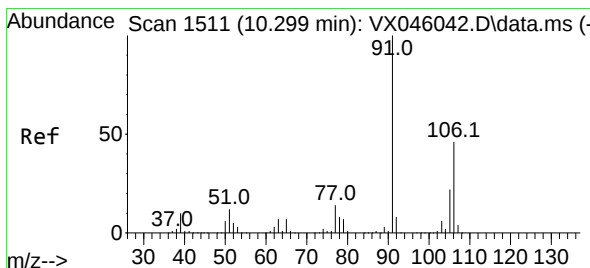
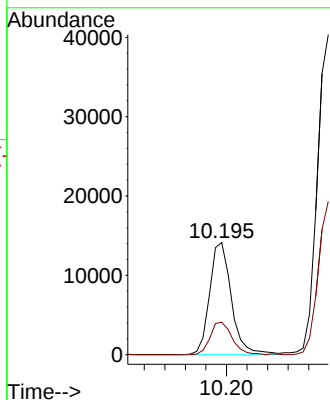
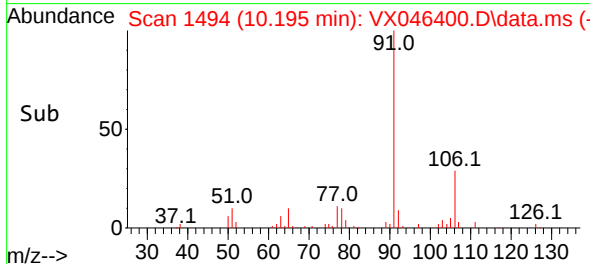
Instrument :
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ClientSampleId :
BELL-25-0010



Tgt Ion: 91 Resp: 20785
Ion Ratio Lower Upper
91 100
106 29.0 23.4 35.2

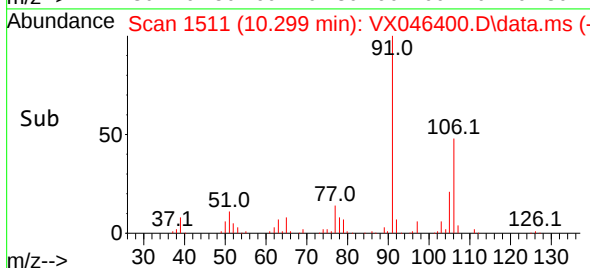
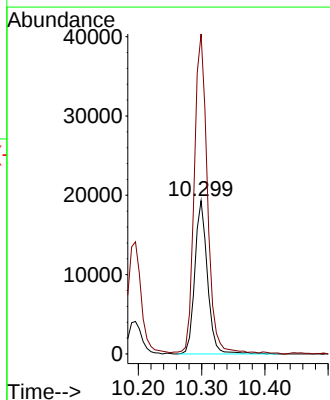
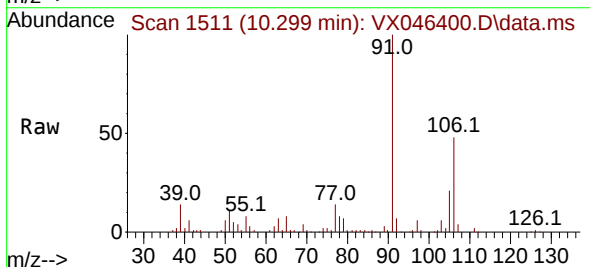
Manual Integrations
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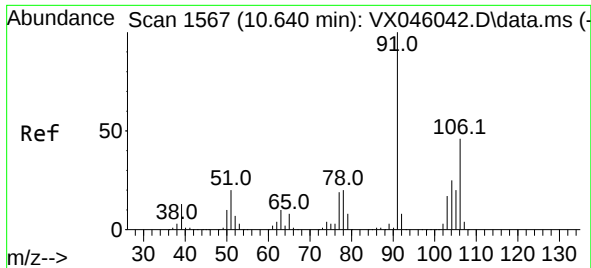
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
m/p-Xylenes
Concen: 17.323 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

Tgt Ion:106 Resp: 26872
Ion Ratio Lower Upper
106 100
91 216.5 171.2 256.8





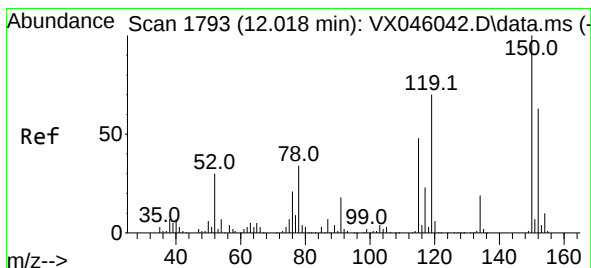
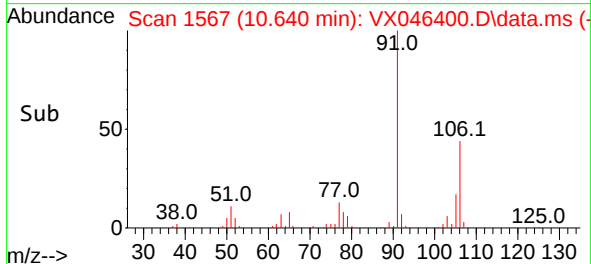
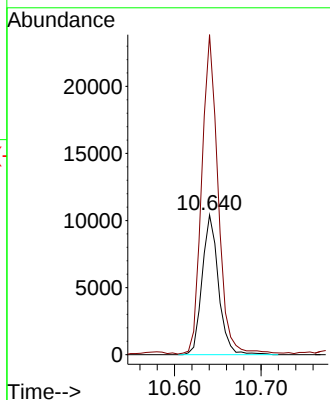
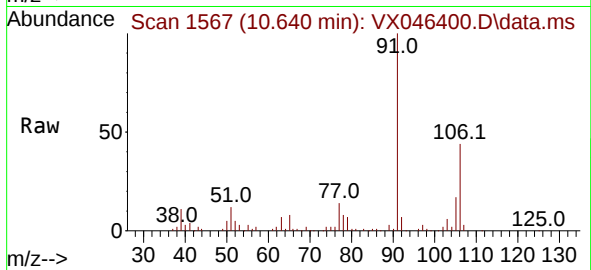
#69
o-Xylene
Concen: 9.020 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
BELL-25-0010

Tgt Ion:106 Resp: 1364
Ion Ratio Lower Upper
106 100
91 228.7 112.7 338.1

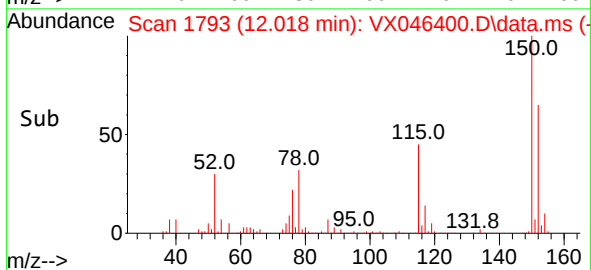
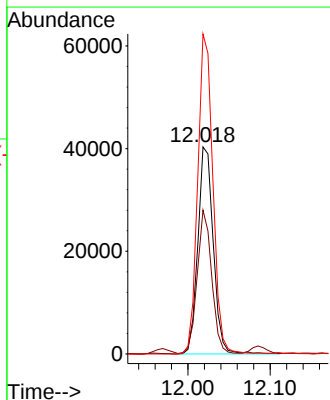
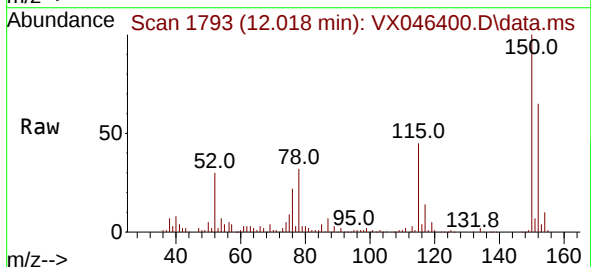
Manual Integrations
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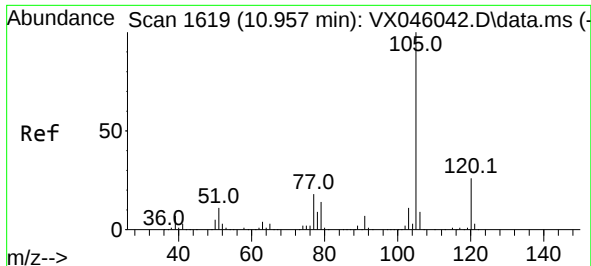
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

Tgt Ion:152 Resp: 52883
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 151.7 0.0 351.0





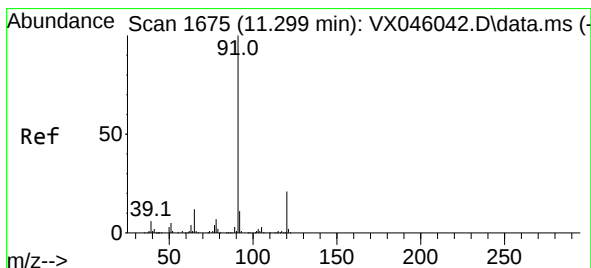
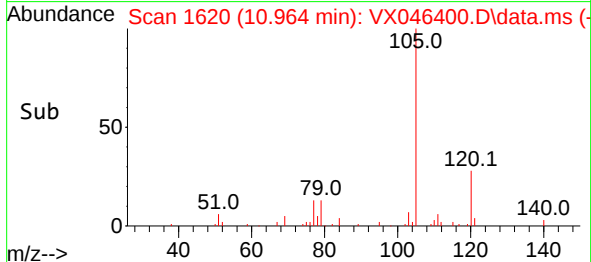
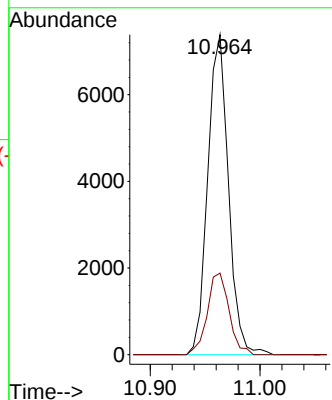
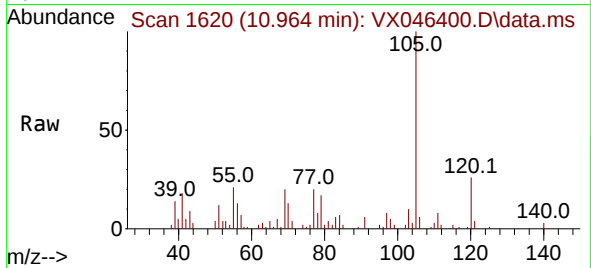
#73
Isopropylbenzene
Concen: 2.350 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
BELL-25-0010

Tgt Ion:105 Resp: 967
Ion Ratio Lower Upper
105 100
120 26.8 12.8 38.4

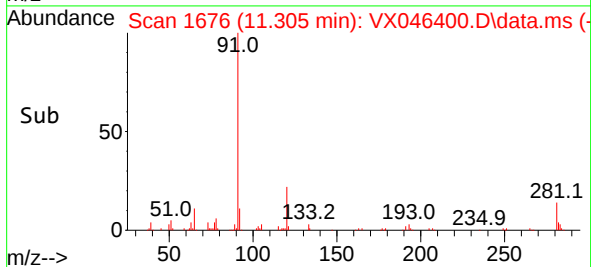
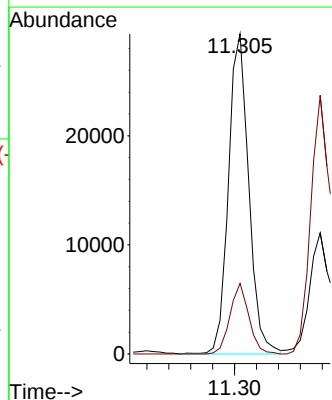
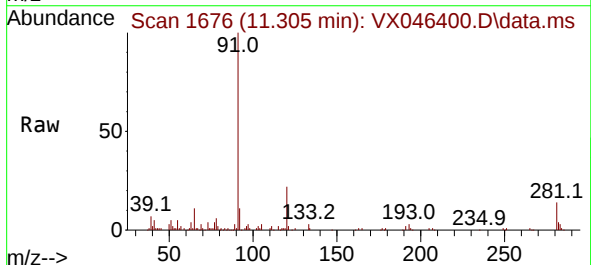
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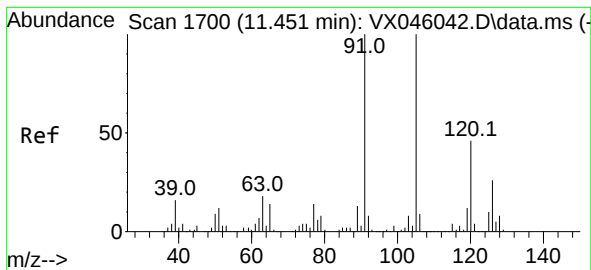
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#78
n-propylbenzene
Concen: 7.867 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046400.D
Acq: 29 May 2025 15:33

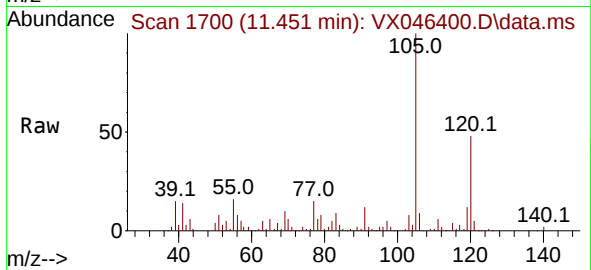
Tgt Ion: 91 Resp: 37662
Ion Ratio Lower Upper
91 100
120 20.5 10.8 32.4





#80
 1,3,5-Trimethylbenzene
 Concen: 11.149 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX046400.D
 Acq: 29 May 2025 15:33

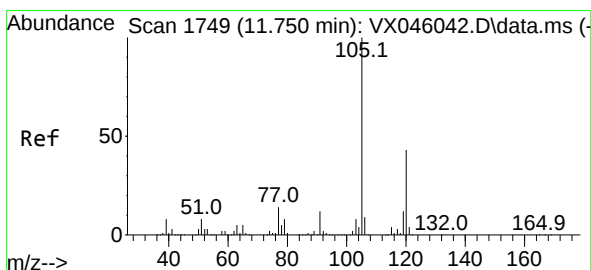
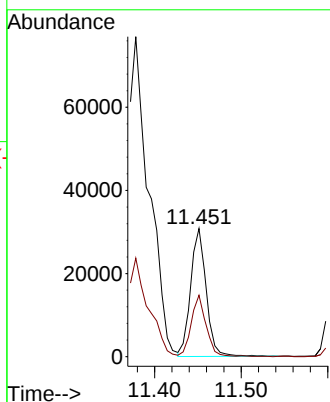
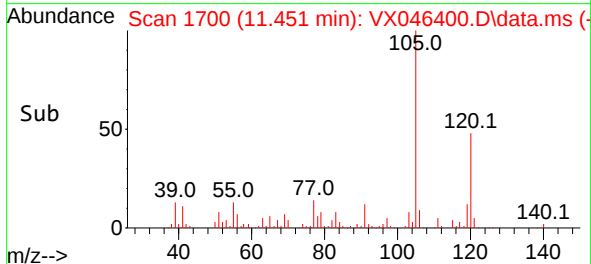
Instrument :
 MSVOA_X
 ClientSampleId :
 BELL-25-0010



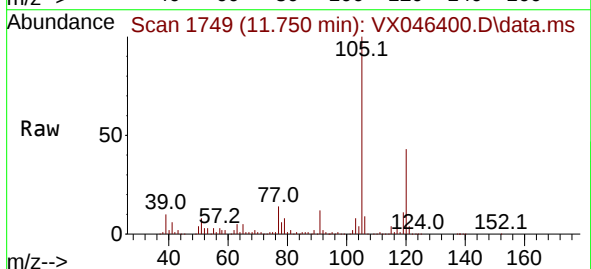
Tgt Ion:105 Resp: 3834
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.2

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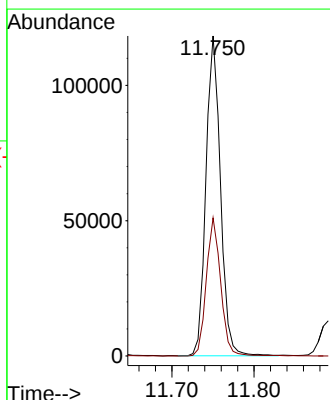
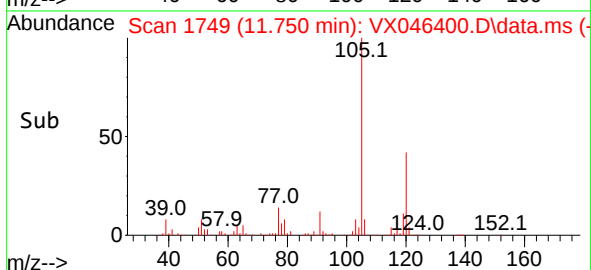
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

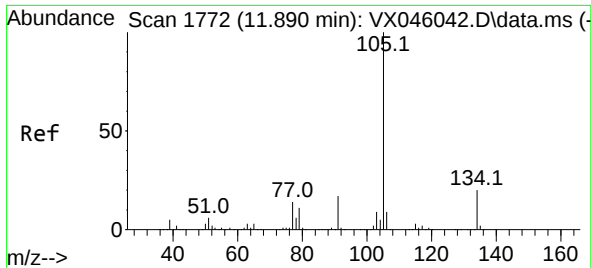


#84
 1,2,4-Trimethylbenzene
 Concen: 41.594 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046400.D
 Acq: 29 May 2025 15:33



Tgt Ion:105 Resp: 144880
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 3.736 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046400.D
 Acq: 29 May 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

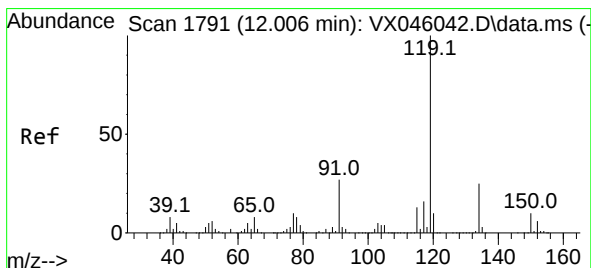
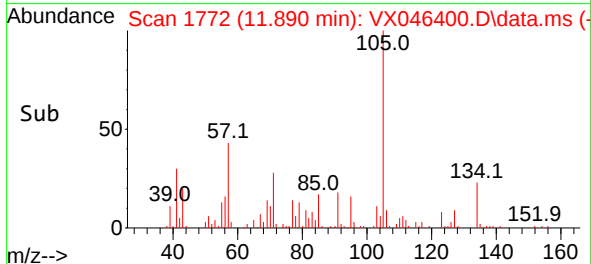
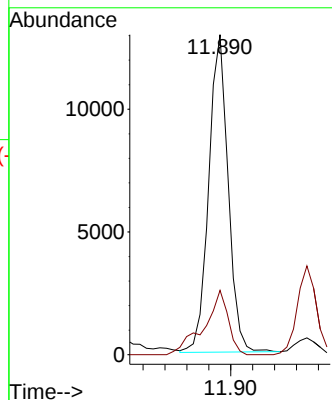
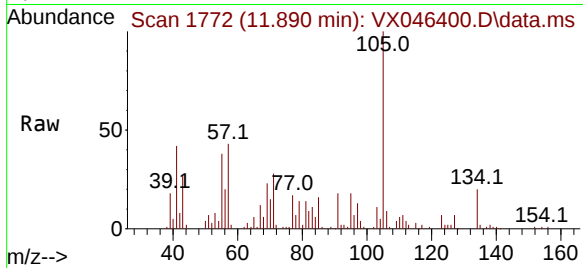
BELL-25-0010

Tgt Ion:105 Resp: 1589
 Ion Ratio Lower Upper
 105 100
 134 25.3 9.7 29.1

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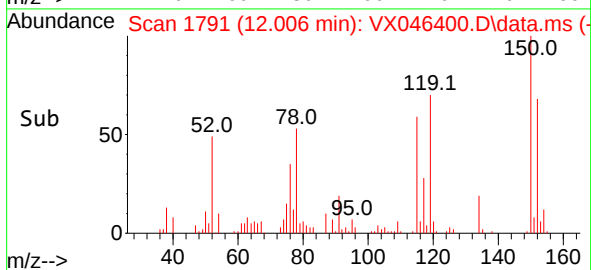
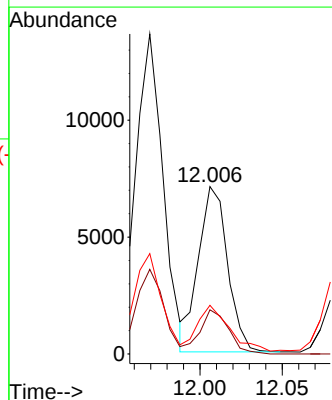
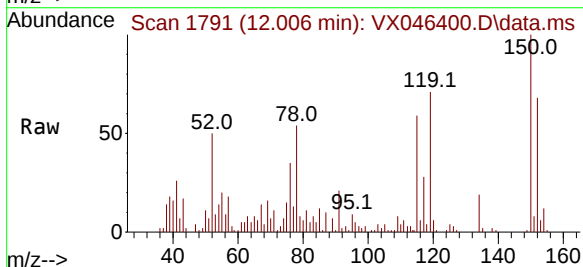
APPROVED

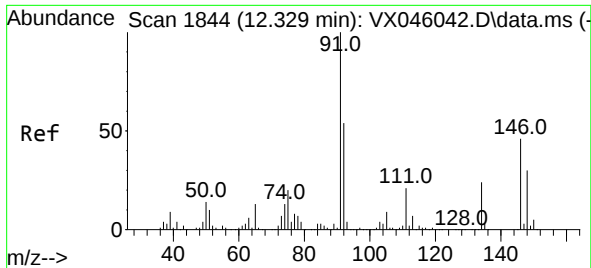
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#86
 p-Isopropyltoluene
 Concen: 2.477 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046400.D
 Acq: 29 May 2025 15:33

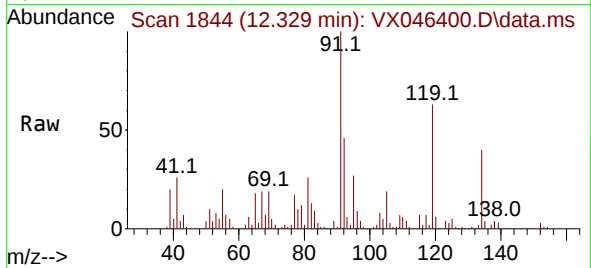
Tgt Ion:119 Resp: 8697
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.5 37.5
 91 29.4 13.8 41.4





#89
 n-Butylbenzene
 Concen: 5.527 ug/l m
 RT: 12.329 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VX046400.D
 Acq: 29 May 2025 15:33

Instrument : MSVOA_X
 ClientSampleId : BELL-25-0010



Tgt Ion: 91 Resp: 17024

Ion	Ratio	Lower	Upper
91	100		
92	73.5	26.9	80.7
134	136.1	11.8	35.3

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

