

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038685.D
 Acq On : 09 Nov 2023 17:01
 Operator : JC/MD
 Sample : 05287-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50131DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 10 03:42:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	268465	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	438530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154414	46.200	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.400%		
35) Dibromofluoromethane	5.385	113	143538	45.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.900%		
50) Toluene-d8	8.647	98	516524	45.702	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.400%#		
62) 4-Bromofluorobenzene	11.079	95	223132	50.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.840%		
Target Compounds						Qvalue
16) Acetone	2.380	43	47562	33.789	ug/l	# 89
18) Methyl Acetate	2.703	43	4447	0.742	ug/l	# 90
19) Methyl tert-butyl Ether	3.117	73	86226	10.762	ug/l	96
22) Diisopropyl ether	3.776	45	4103	0.607	ug/l	# 68
25) 2-Butanone	4.568	43	12164m	5.965	ug/l	
31) Cyclohexane	5.477	56	3226	0.872	ug/l	90
37) Ethyl Acetate	4.709	43	557728	139.234	ug/l	# 92
40) Benzene	6.038	78	683721	60.504	ug/l	100
52) Toluene	8.720	92	743290	100.408	ug/l	96
67) Ethyl Benzene	10.195	91	97862	6.302	ug/l	98
68) m/p-Xylenes	10.299	106	128620	20.871	ug/l	97
69) o-Xylene	10.640	106	62313	10.398	ug/l	99
73) Isopropylbenzene	10.964	105	4454	0.280	ug/l	96
78) n-propylbenzene	11.305	91	7604	0.410	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	11999	0.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	50347	3.703	ug/l	96
95) Naphthalene	13.780	128	25063	1.423	ug/l	99

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

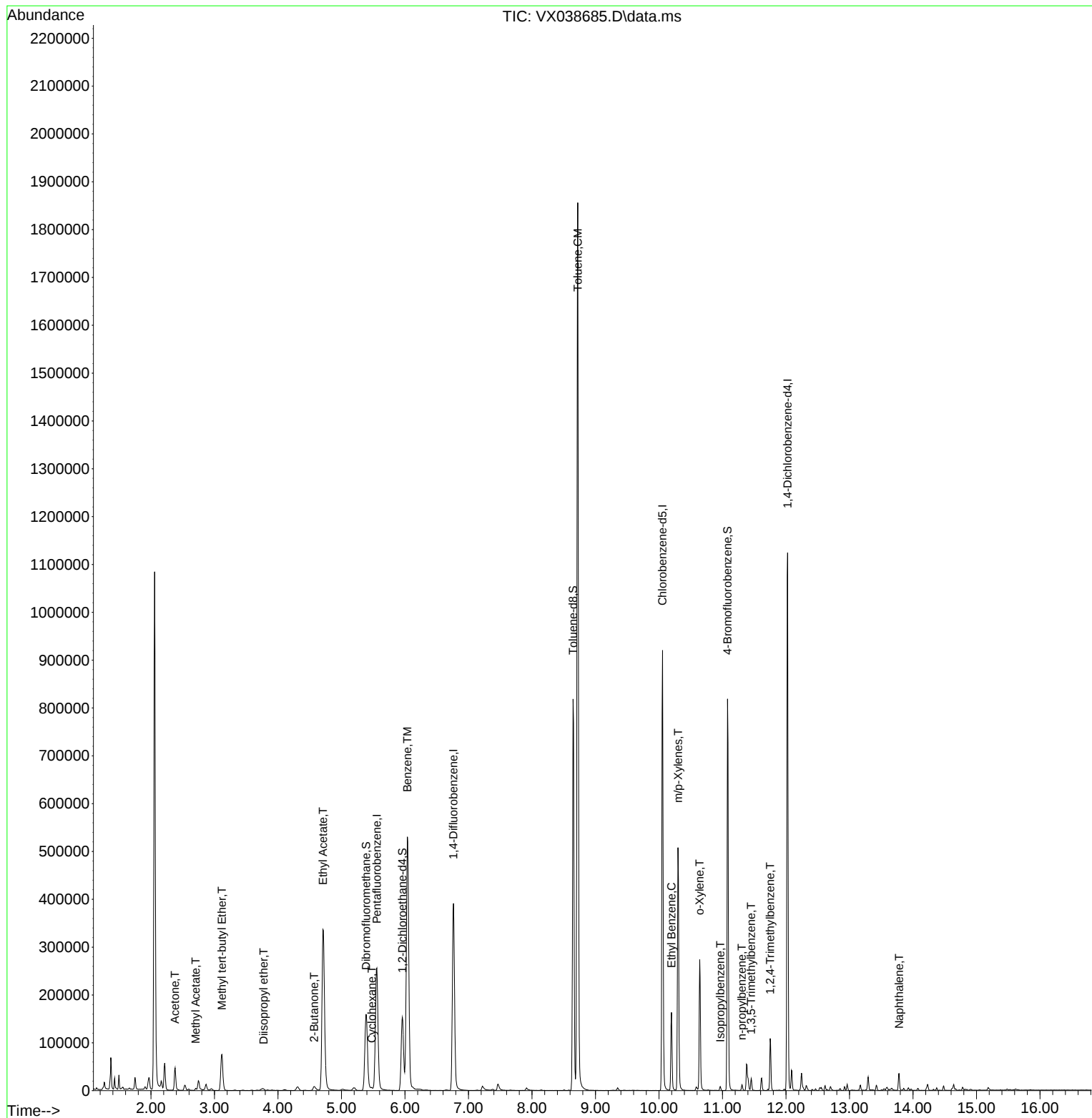
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
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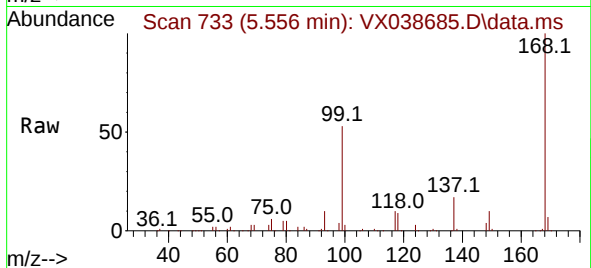
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

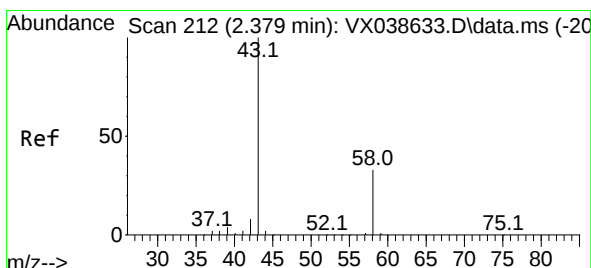
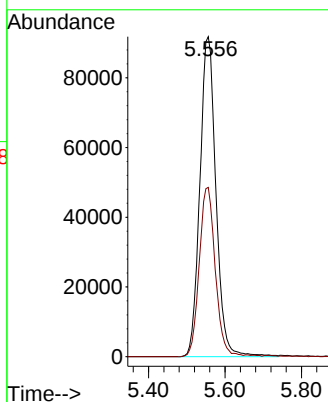
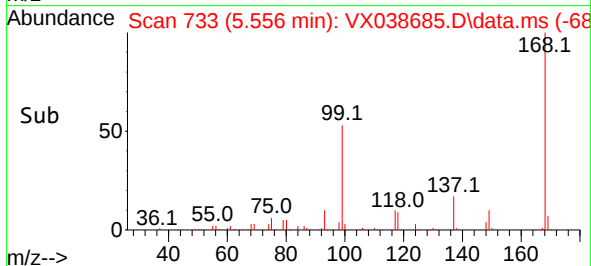
Instrument :
MSVOA_X
ClientSampleId :
50131DL



Tgt Ion:168 Resp: 26846
Ion Ratio Lower Upper
168 100
99 52.9 56.6 85.0

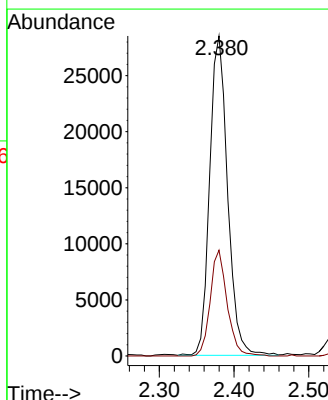
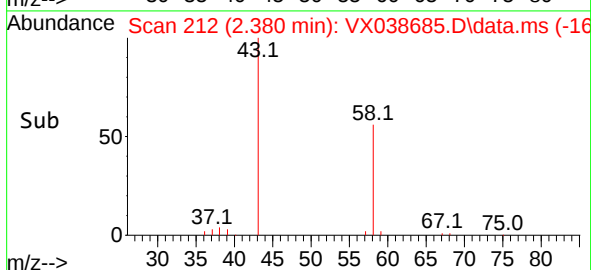
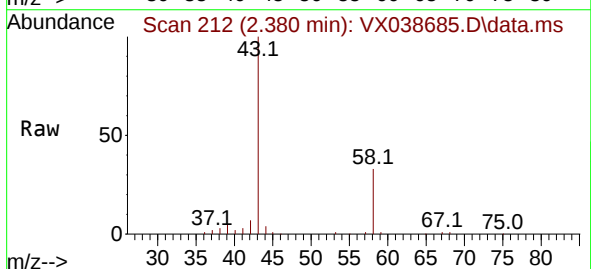
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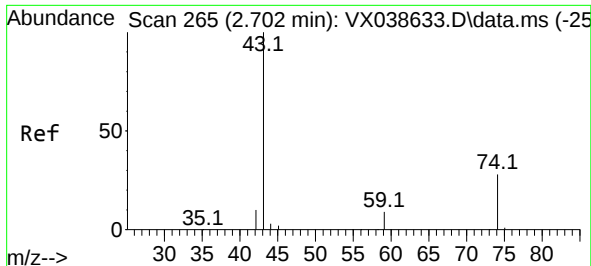
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
Acetone
Concen: 33.789 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

Tgt Ion: 43 Resp: 47562
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9





#18

Methyl Acetate

Concen: 0.742 ug/l

RT: 2.703 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX038685.D

Acq: 09 Nov 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

50131DL

Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

43 100

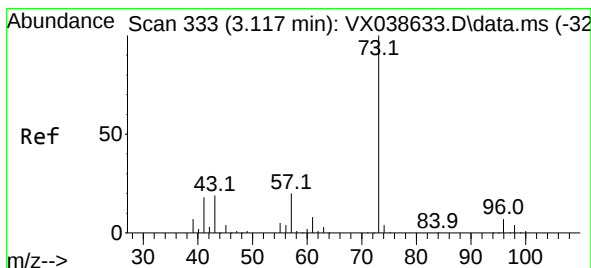
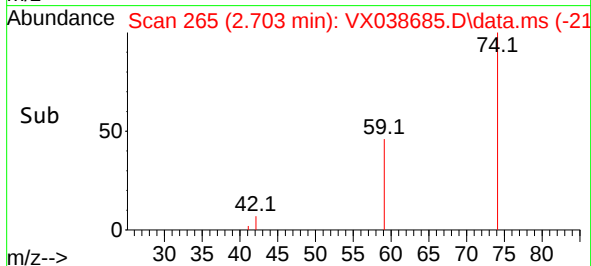
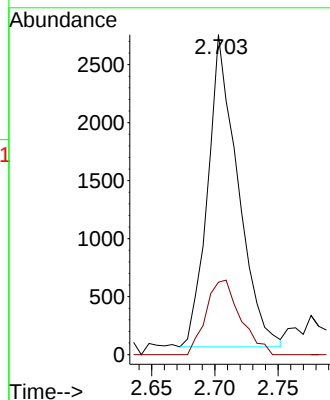
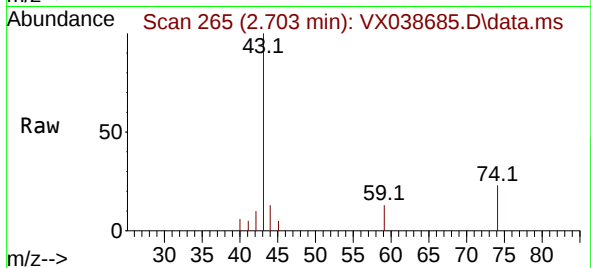
74 27.3 17.8 26.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/13/2023



#19

Methyl tert-butyl Ether

Concen: 10.762 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX038685.D

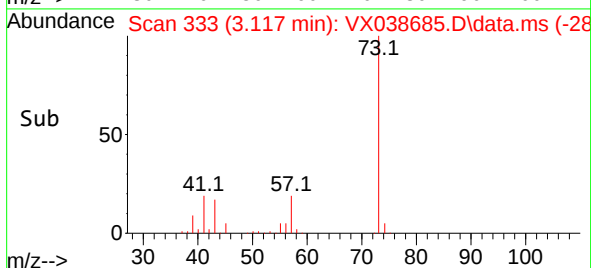
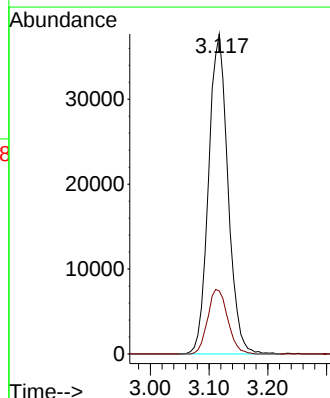
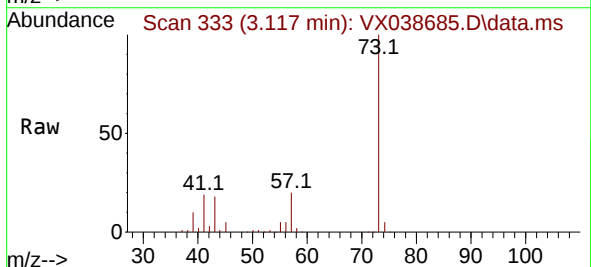
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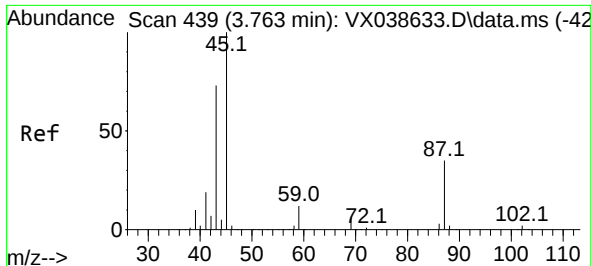
Tgt Ion: 73 Resp: 86226

Ion Ratio Lower Upper

73 100

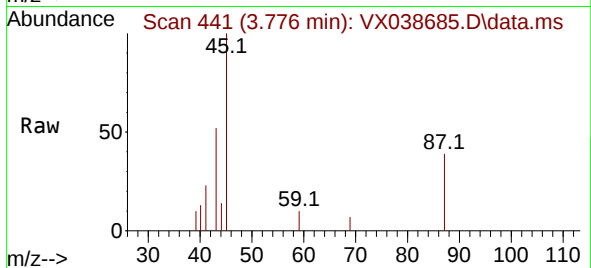
57 19.7 17.3 25.9





#22
Diisopropyl ether
Concen: 0.607 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.013 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

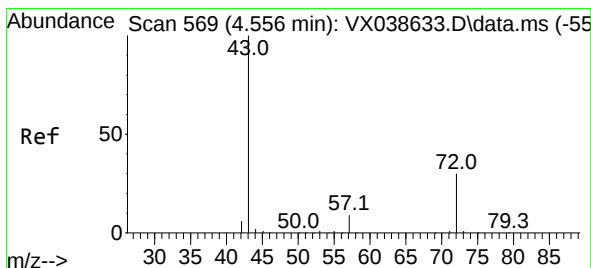
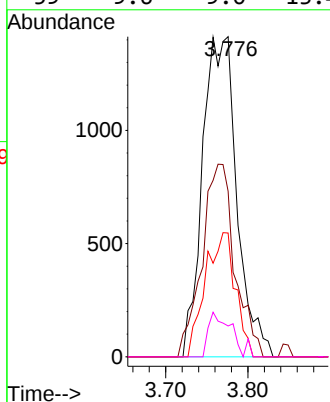
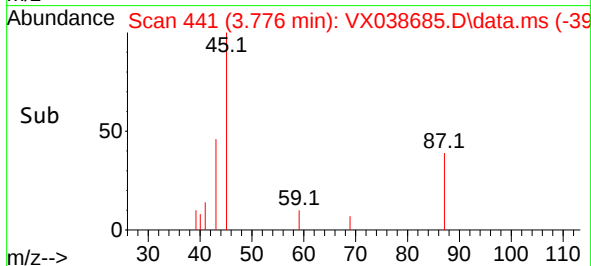
Instrument :
MSVOA_X
ClientSampleId :
50131DL



Tgt Ion: 45 Resp: 410
Ion Ratio Lower Upper
45 100
43 51.7 69.7 104.5
87 38.7 20.8 31.2
59 9.6 9.0 13.4

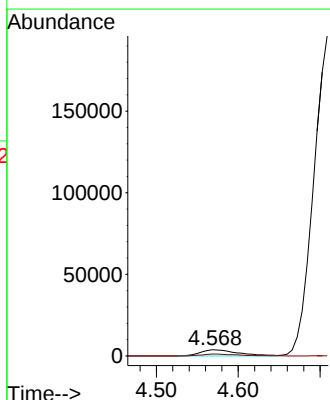
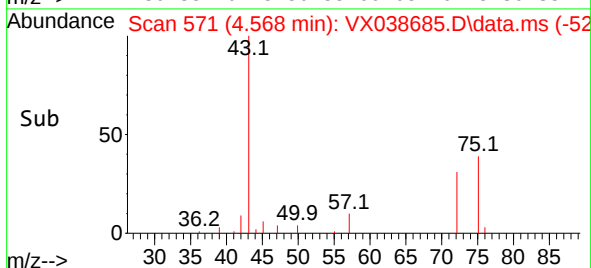
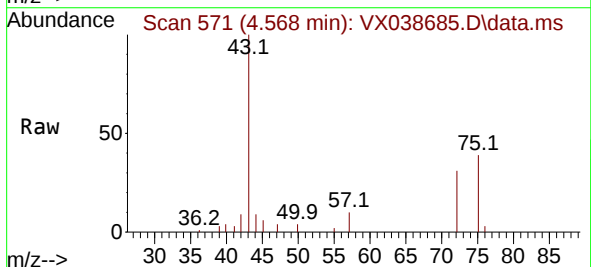
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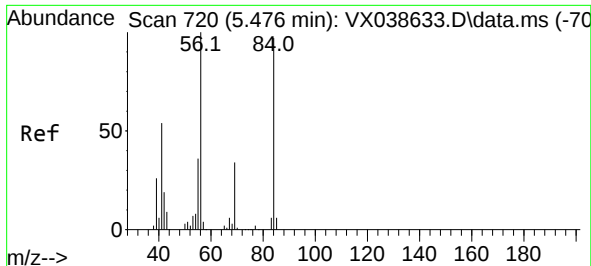
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#25
2-Butanone
Concen: 5.965 ug/l m
RT: 4.568 min Scan# 571
Delta R.T. 0.013 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

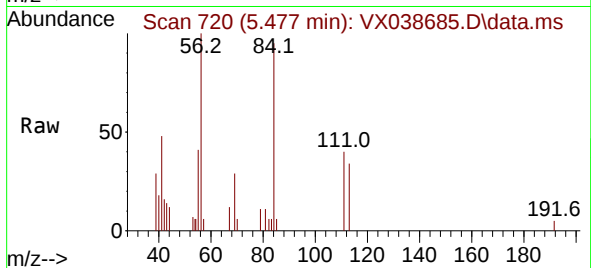
Tgt Ion: 43 Resp: 12164
Ion Ratio Lower Upper
43 100
72 31.4 19.4 29.2#





#31
Cyclohexane
Concen: 0.872 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

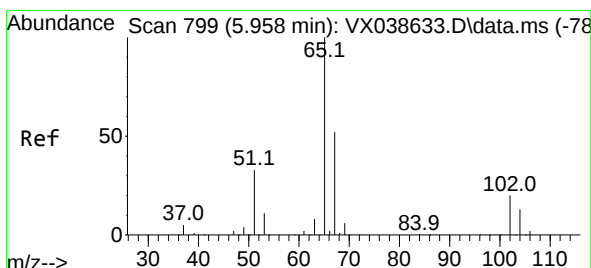
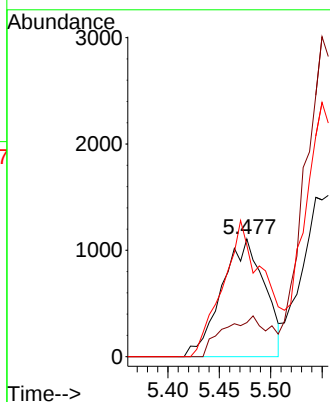
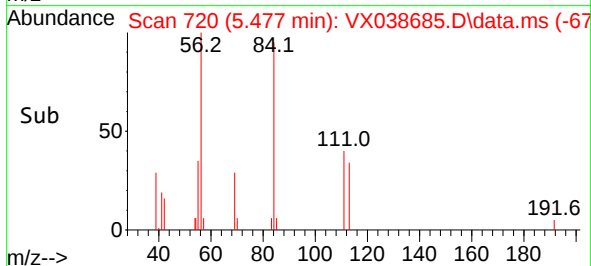
Instrument :
MSVOA_X
ClientSampleId :
50131DL



Tgt Ion: 56 Resp: 3220
Ion Ratio Lower Upper
56 100
69 28.9 23.4 35.2
84 94.7 65.9 98.9

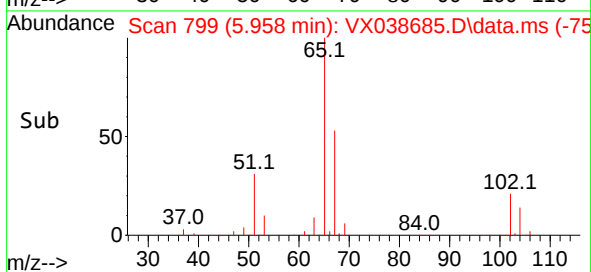
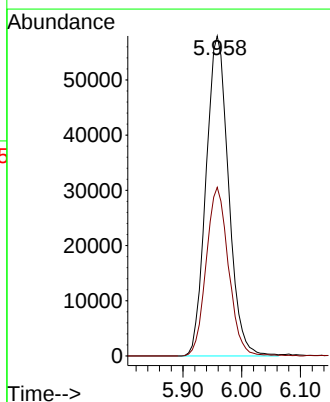
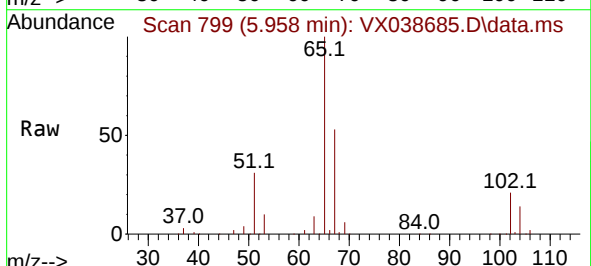
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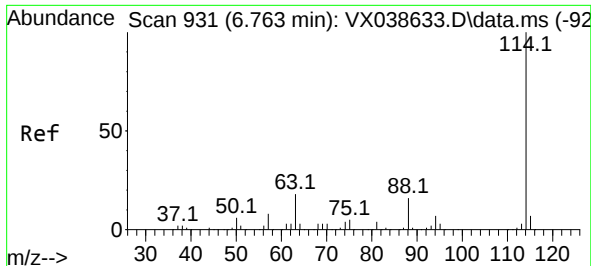
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#33
1,2-Dichloroethane-d4
Concen: 46.200 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

Tgt Ion: 65 Resp: 154414
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 911

Delta R.T. 0.000 min

Lab File: VX038685.D

Acq: 09 Nov 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

50131DL

Tgt Ion:114 Resp: 438530

Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

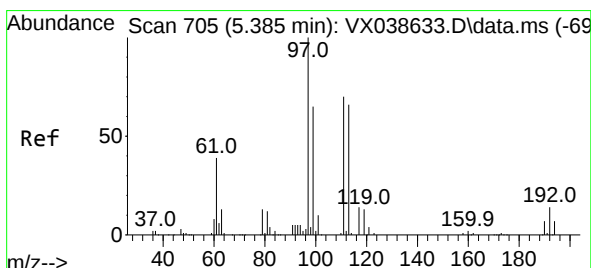
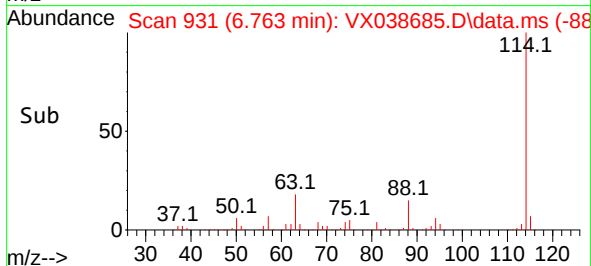
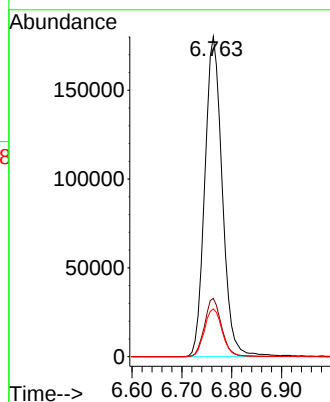
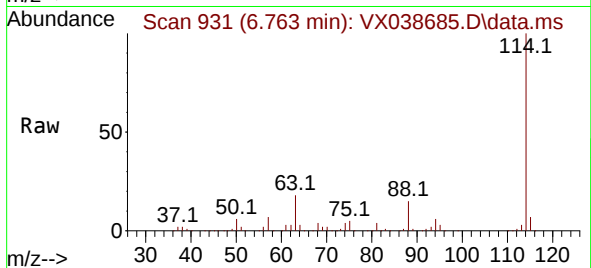
88 14.9 0.0 36.6

Manual Integrations

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Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#35

Dibromofluoromethane

Concen: 45.446 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038685.D

Acq: 09 Nov 2023 17:01

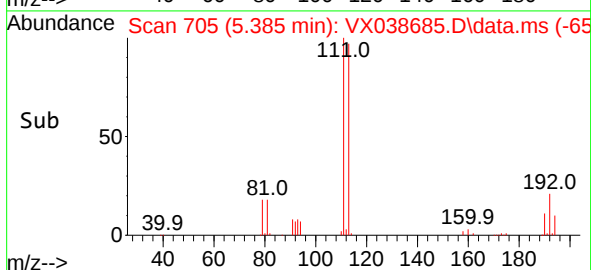
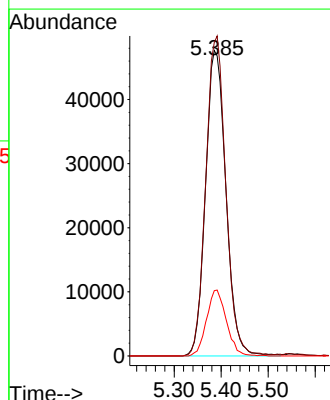
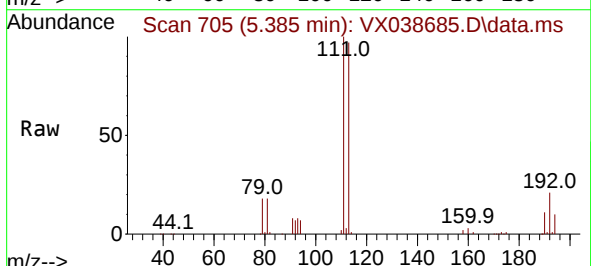
Tgt Ion:113 Resp: 143538

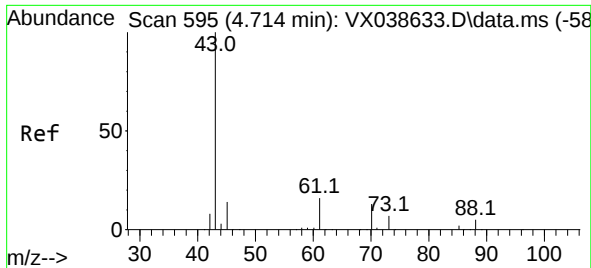
Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

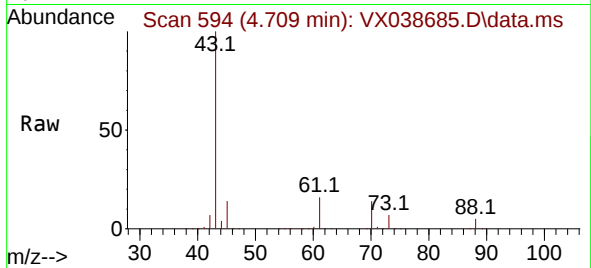
192 20.9 13.3 19.9#





#37
Ethyl Acetate
Concen: 139.234 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

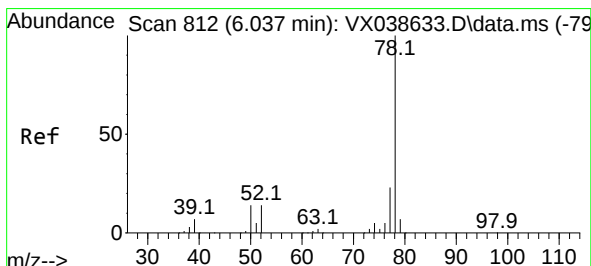
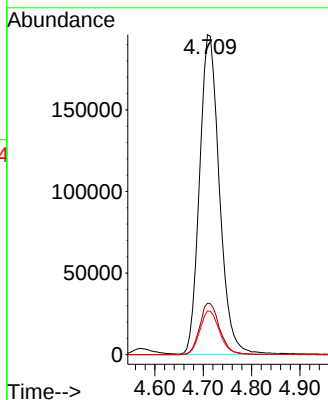
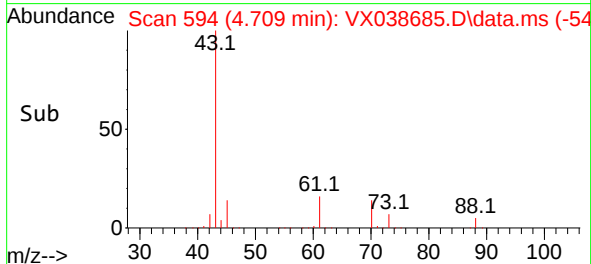
Instrument :
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50131DL



Tgt Ion: 43 Resp: 557728
Ion Ratio Lower Upper
43 100
61 16.2 10.6 16.0
70 13.7 8.3 12.5

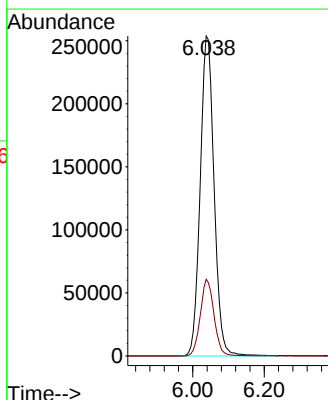
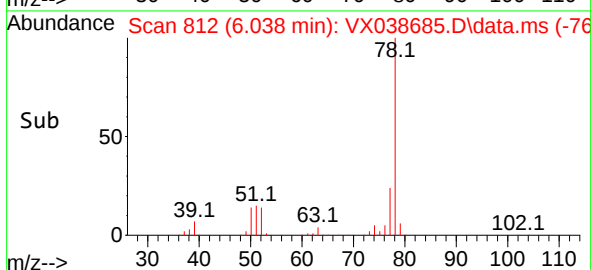
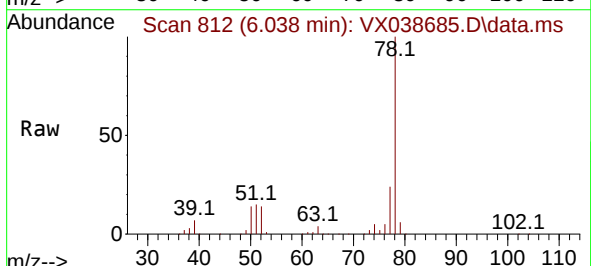
Manual Integrations
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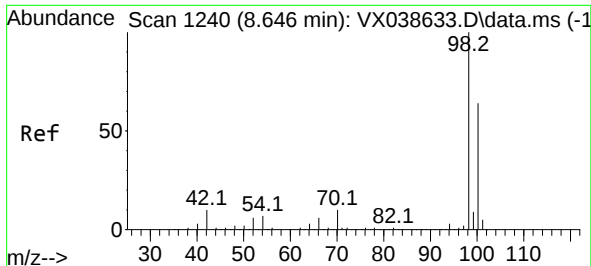
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#40
Benzene
Concen: 60.504 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

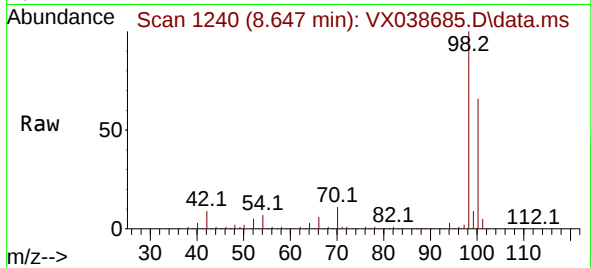
Tgt Ion: 78 Resp: 683721
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#50
Toluene-d8
Concen: 45.702 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

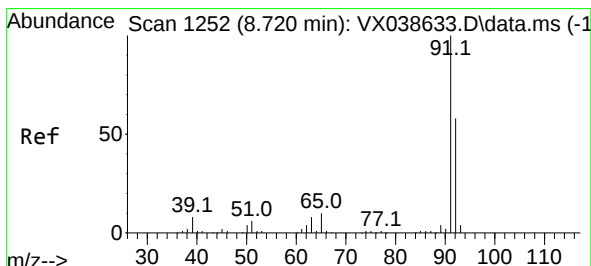
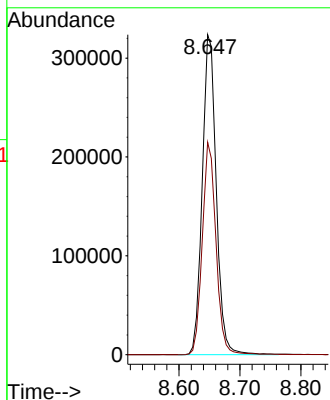
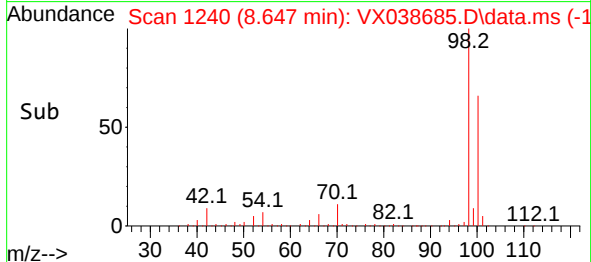
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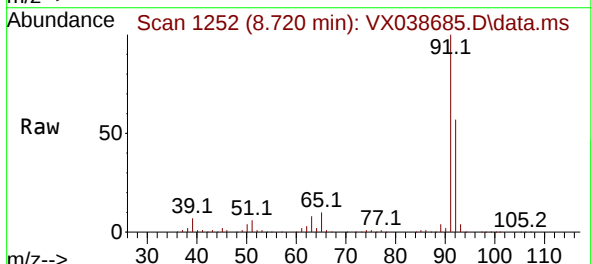
Tgt Ion: 98 Resp: 516524
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

Manual Integrations
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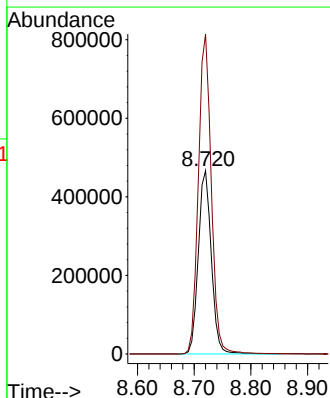
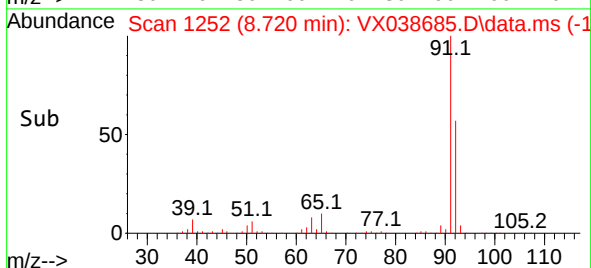
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

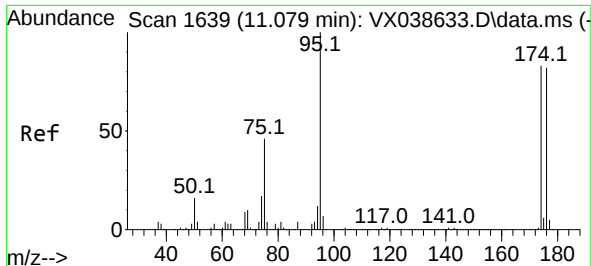


#52
Toluene
Concen: 100.408 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01



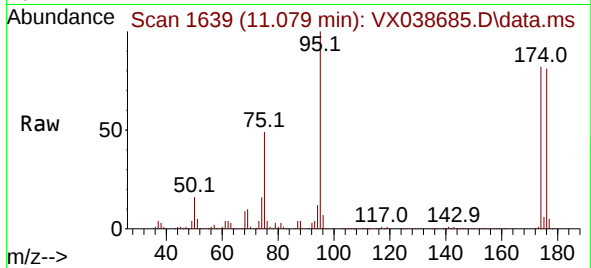
Tgt Ion: 92 Resp: 743290
Ion Ratio Lower Upper
92 100
91 173.1 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 50.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

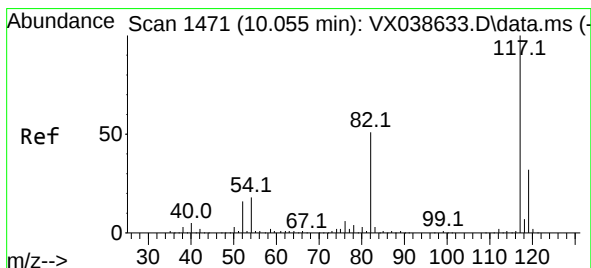
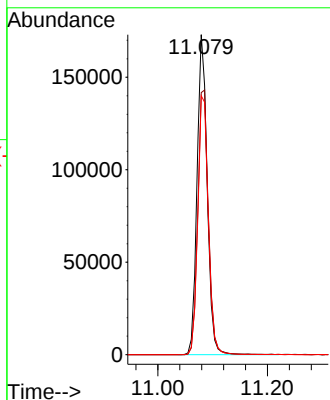
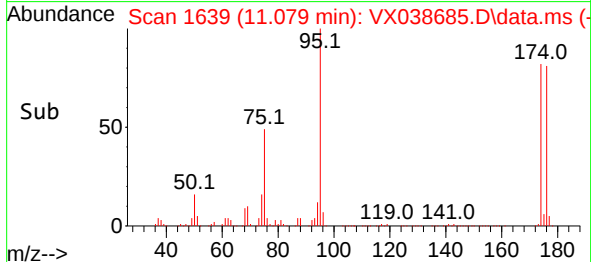
Instrument :
MSVOA_X
ClientSampleId :
50131DL



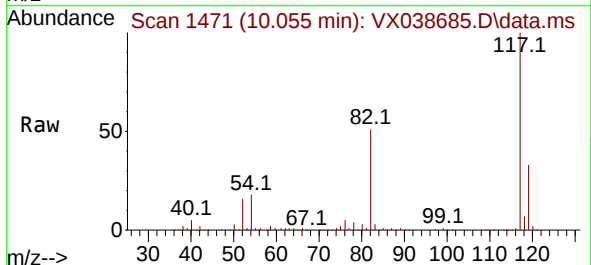
Tgt Ion: 95 Resp: 22313
Ion Ratio Lower Upper
95 100
174 86.9 0.0 135.6
176 84.2 0.0 131.0

Manual Integrations
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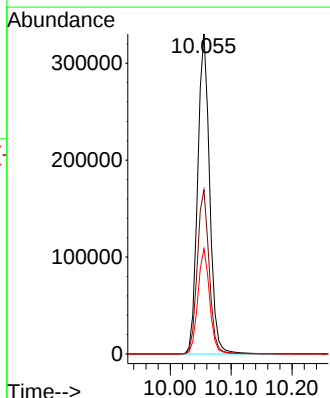
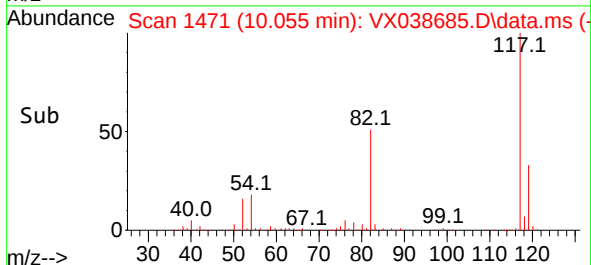
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

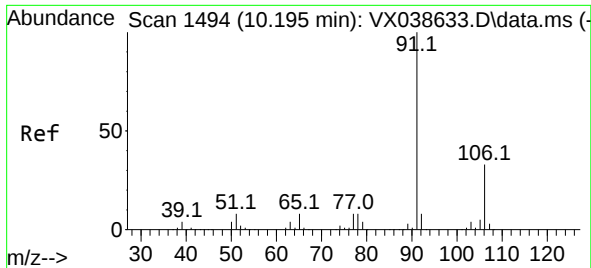


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01



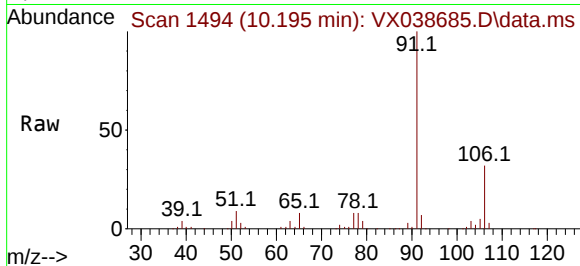
Tgt Ion:117 Resp: 450943
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.9 25.5 38.3





#67
Ethyl Benzene
Concen: 6.302 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

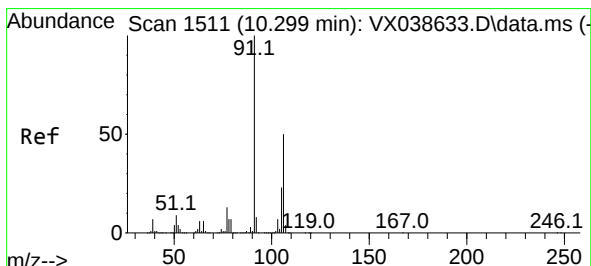
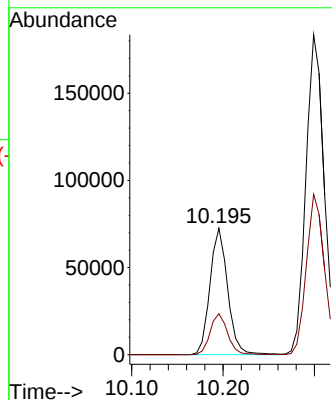
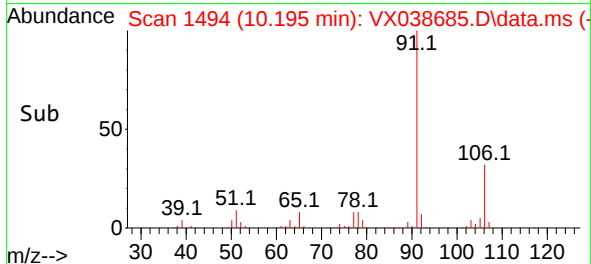
Instrument :
MSVOA_X
ClientSampleId :
50131DL



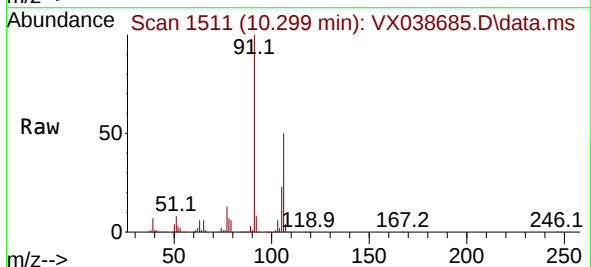
Tgt Ion: 91 Resp: 97862
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

Manual Integrations
APPROVED

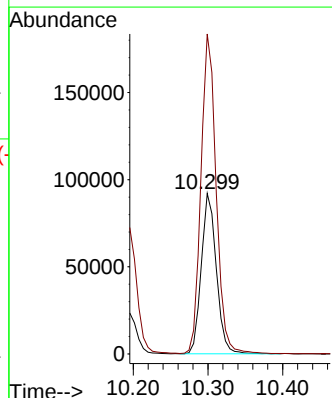
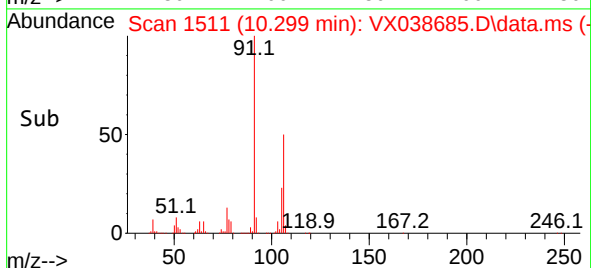
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

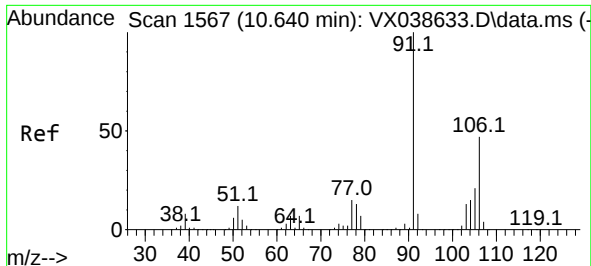


#68
m/p-Xylenes
Concen: 20.871 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01



Tgt Ion:106 Resp: 128620
Ion Ratio Lower Upper
106 100
91 202.2 165.5 248.3





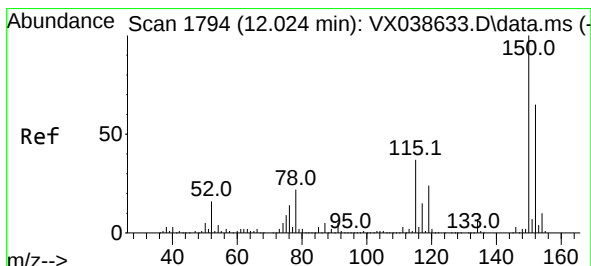
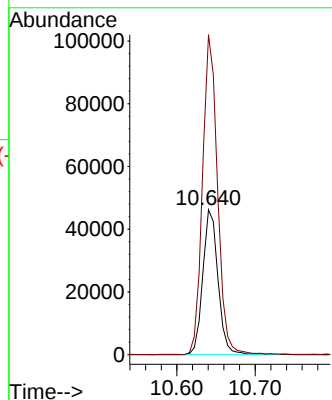
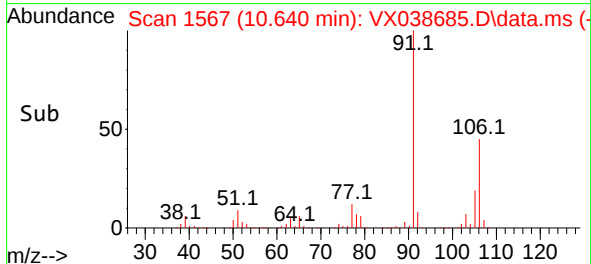
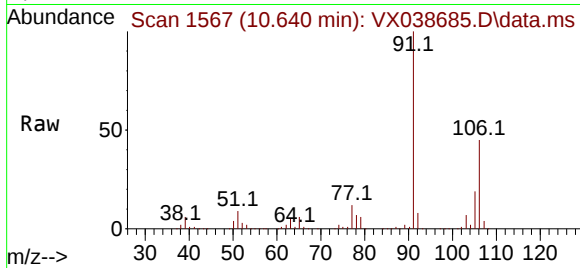
#69
o-Xylene
Concen: 10.398 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
50131DL

Tgt Ion:106 Resp: 6231
Ion Ratio Lower Upper
106 100
91 217.1 108.9 326.8

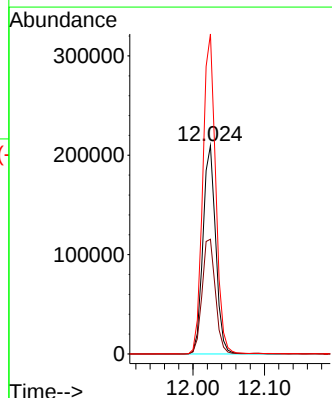
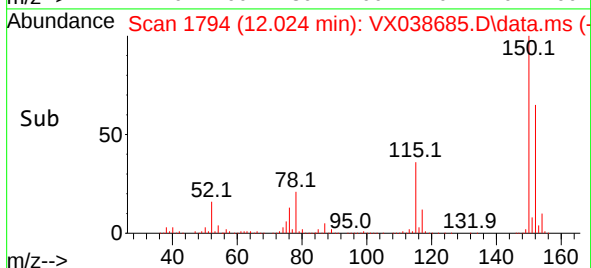
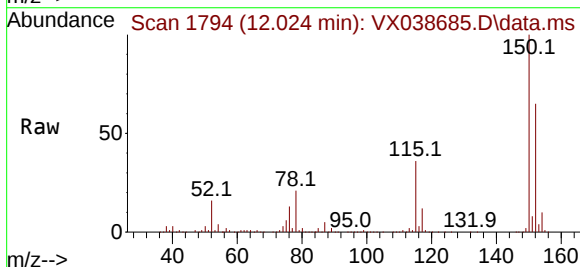
Manual Integrations
APPROVED

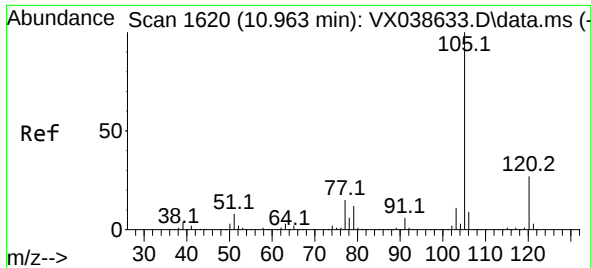
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

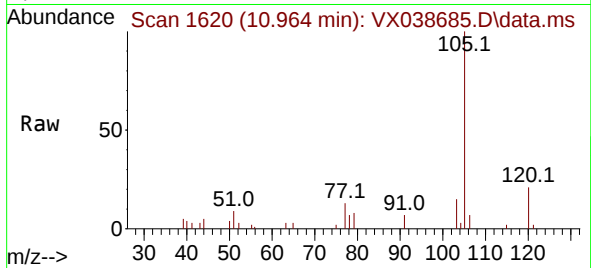
Tgt Ion:152 Resp: 259608
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 155.5 0.0 345.0





#73
Isopropylbenzene
Concen: 0.280 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

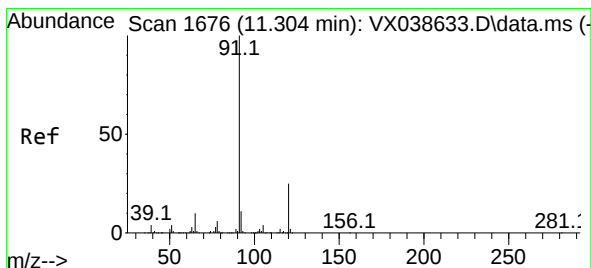
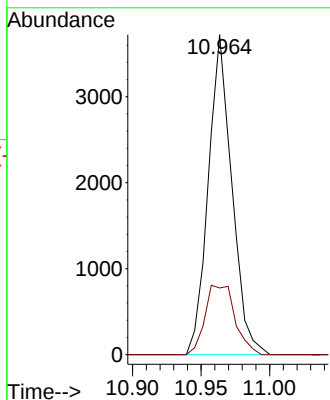
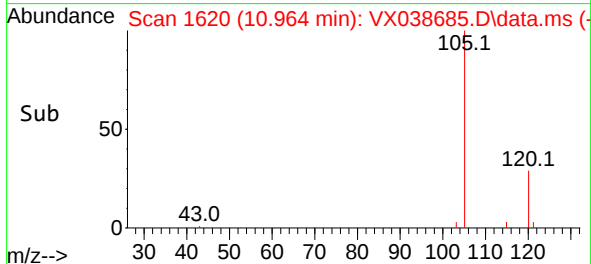
Instrument :
MSVOA_X
ClientSampleId :
50131DL



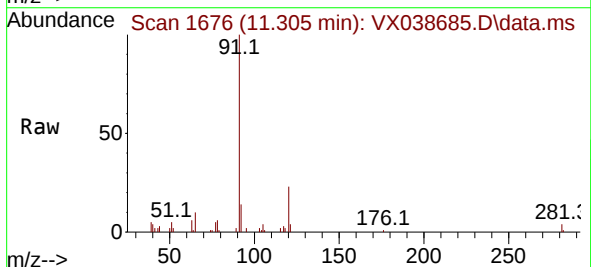
Tgt Ion:105 Resp: 4454
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6

Manual Integrations
APPROVED

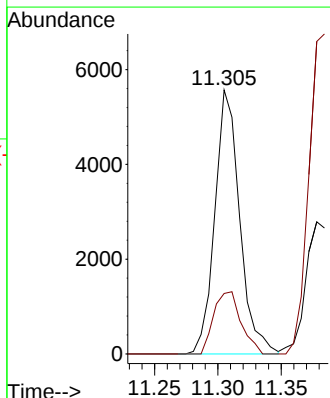
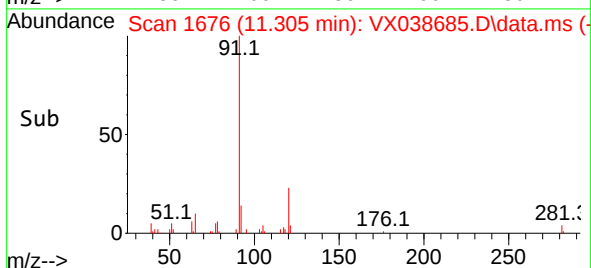
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

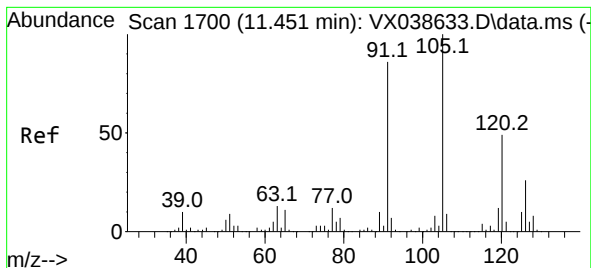


#78
n-propylbenzene
Concen: 0.410 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01



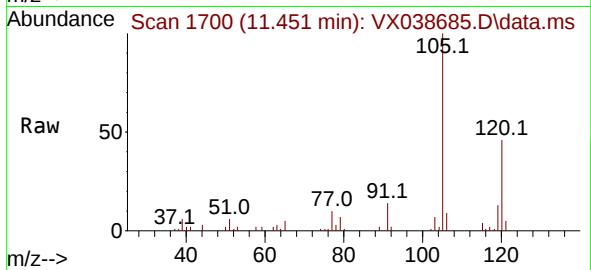
Tgt Ion: 91 Resp: 7604
Ion Ratio Lower Upper
91 100
120 25.9 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 0.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

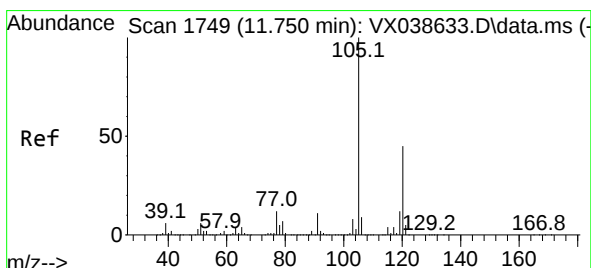
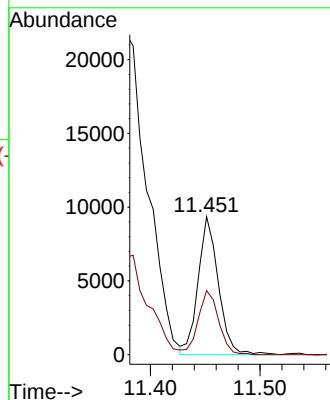
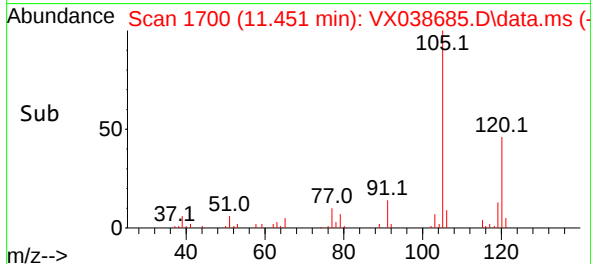
Instrument :
MSVOA_X
ClientSampleId :
50131DL



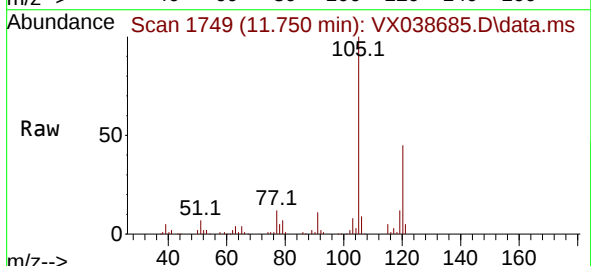
Tgt Ion:105 Resp: 11998
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3

Manual Integrations
APPROVED

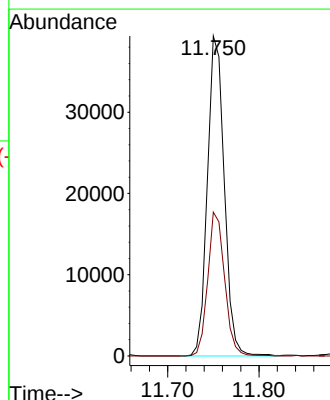
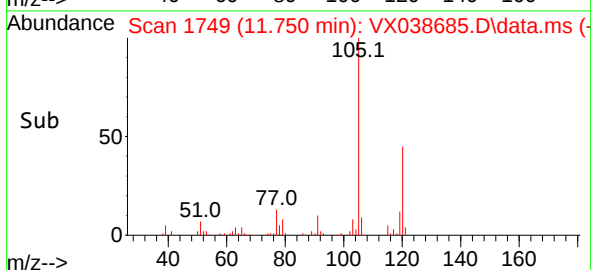
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

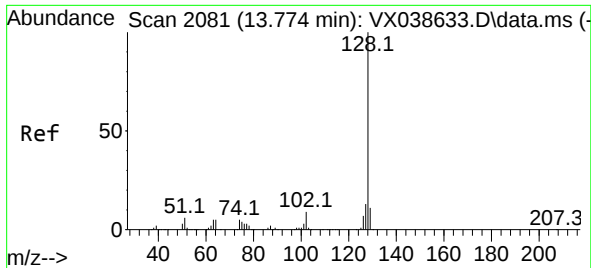


#84
1,2,4-Trimethylbenzene
Concen: 3.703 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01



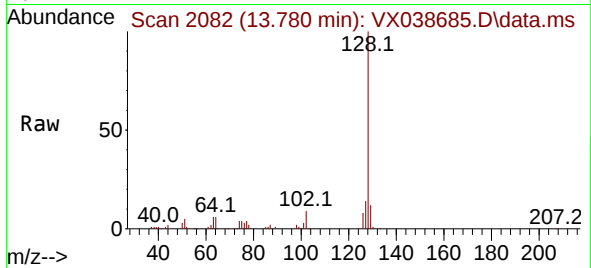
Tgt Ion:105 Resp: 50347
Ion Ratio Lower Upper
105 100
120 45.0 21.2 63.6





#95
Naphthalene
Concen: 1.423 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.007 min
Lab File: VX038685.D
Acq: 09 Nov 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
50131DL



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

