

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040235.D
 Acq On : 14 Feb 2024 20:54
 Operator : JC/MD
 Sample : P1427-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50240

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 00:09:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	75973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49384	43.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.380%		
35) Dibromofluoromethane	5.391	113	41948	45.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.320%		
50) Toluene-d8	8.653	98	163676	47.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.260%		
62) 4-Bromofluorobenzene	11.079	95	93492	66.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	133.420%#		
Target Compounds					Qvalue	
16) Acetone	2.380	43	114505	246.669	ug/l	94
18) Methyl Acetate	2.709	43	4091	3.288	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	181797	66.528	ug/l #	54
22) Diisopropyl ether	3.757	45	33160	12.147	ug/l #	73
25) 2-Butanone	4.550	43	57966	79.885	ug/l	96
31) Cyclohexane	5.470	56	113483	84.178	ug/l	94
37) Ethyl Acetate	4.708	43	400242	279.512	ug/l	97
39) Methylcyclohexane	7.379	83	78388	52.414	ug/l	97
40) Benzene	6.044	78	3062821	851.081	ug/l	100
52) Toluene	8.738	92	9626267	4083.718	ug/l	89
59) 2-Hexanone	9.439	43	2094	1.731	ug/l	92
67) Ethyl Benzene	10.195	91	4392096	824.809	ug/l	98
68) m/p-Xylenes	10.317	106	5609820	2789.410	ug/l	90
69) o-Xylene	10.646	106	2702124	1382.631	ug/l	98
73) Isopropylbenzene	10.963	105	394121	57.748	ug/l	98
78) n-propylbenzene	11.305	91	1100757	133.220	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1418576	246.894	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4827654	830.500	ug/l	95
85) sec-Butylbenzene	11.890	105	50588m	6.988	ug/l	
86) p-Isopropyltoluene	12.012	119	31307m	5.276	ug/l	
95) Naphthalene	13.774	128	711361	106.404	ug/l	100

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

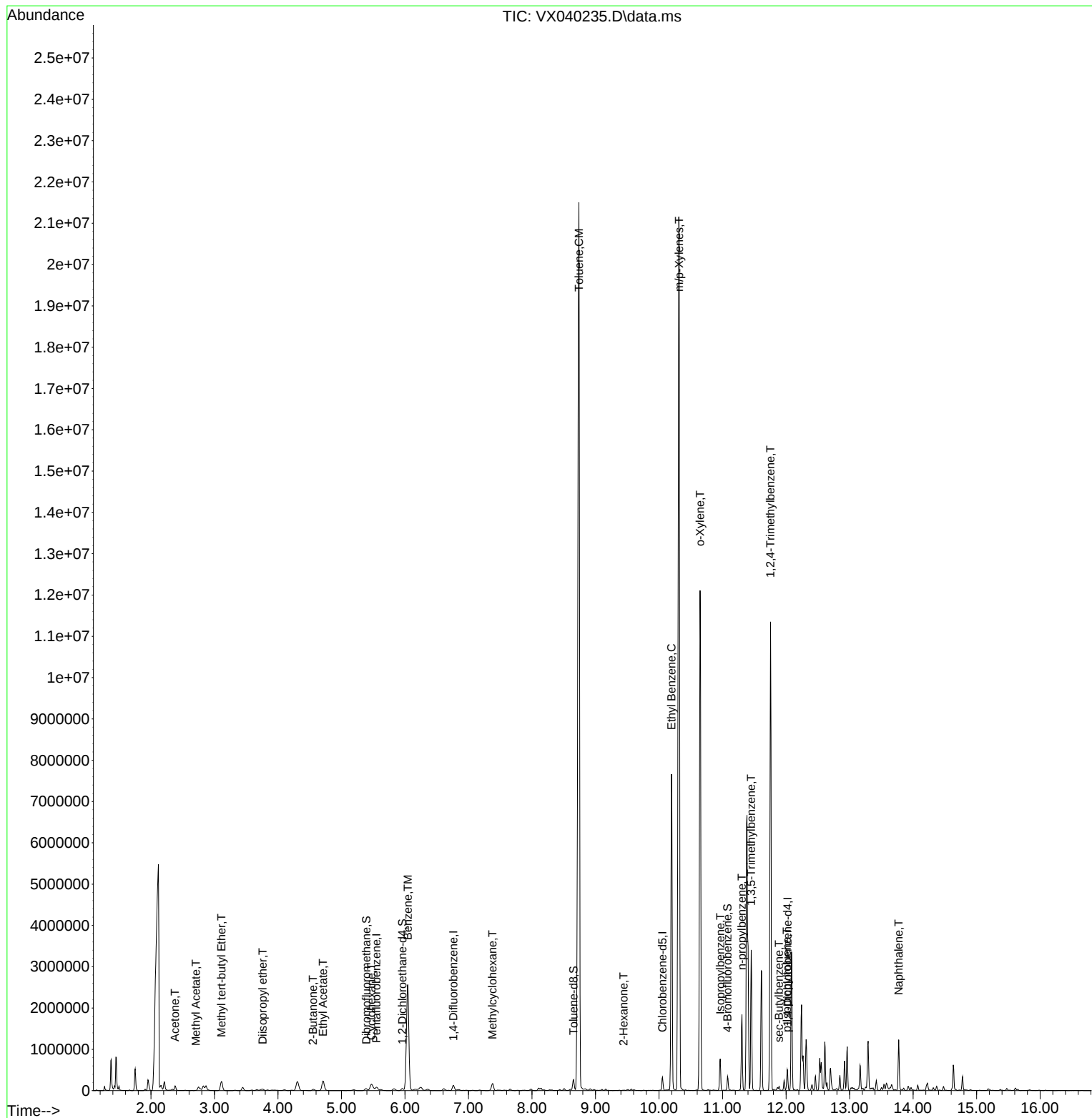
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
Data File : VX040235.D
Acq On : 14 Feb 2024 20:54
Operator : JC/MD
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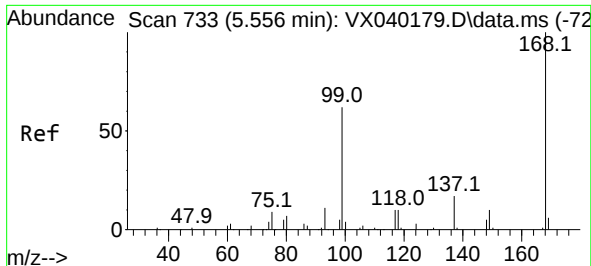
Instrument :
MSVOA_X
ClientSampleId :
50240

Quant Time: Feb 15 00:09:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

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APPROVED

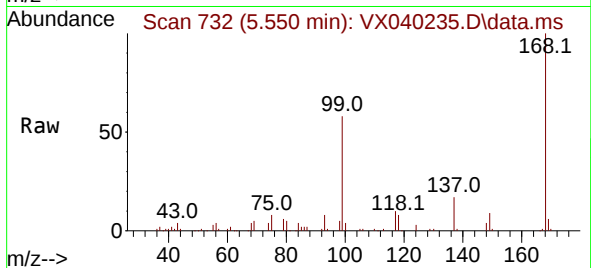
Reviewed By : John Carlone 02/15/2024
Supervised By : Mahesh Dadoda 02/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

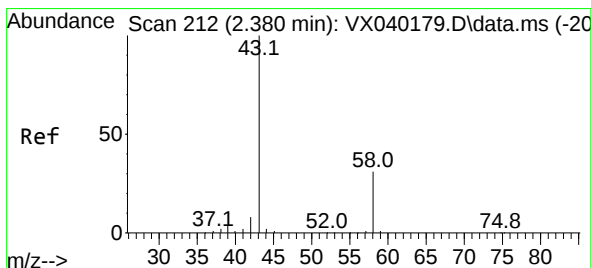
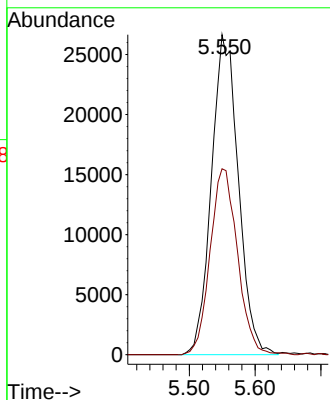
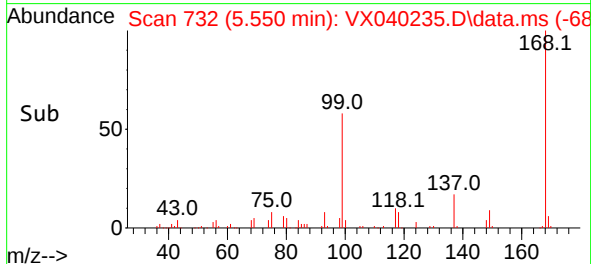
Instrument :
MSVOA_X
ClientSampleId :
50240



Tgt Ion:168 Resp: 7597
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0

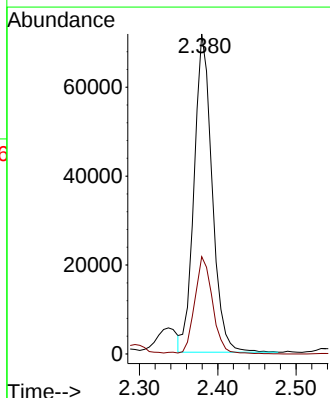
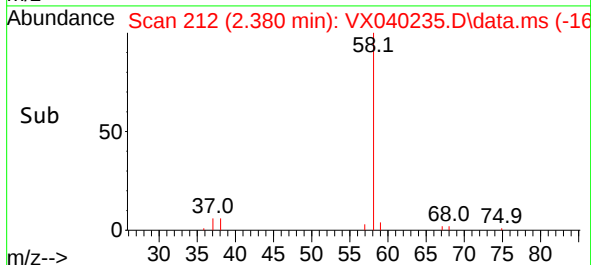
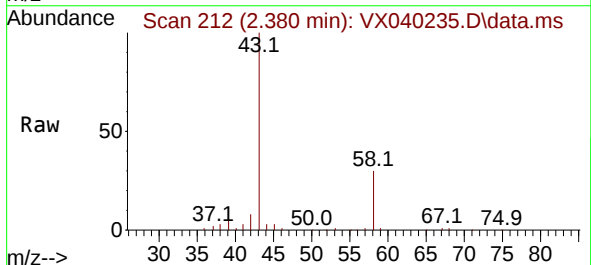
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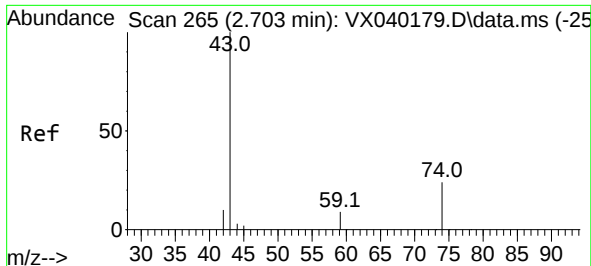
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#16
Acetone
Concen: 246.669 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 43 Resp: 114505
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9





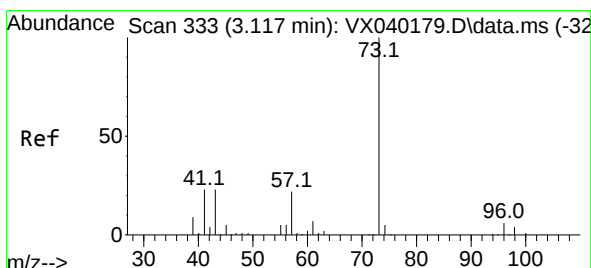
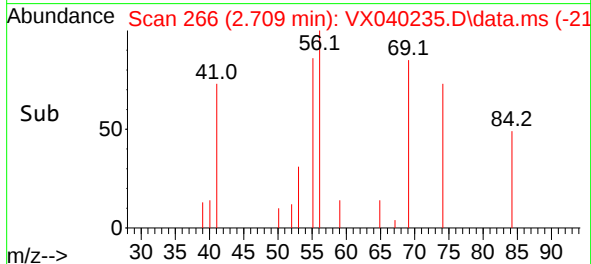
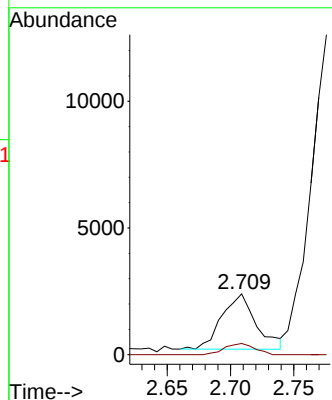
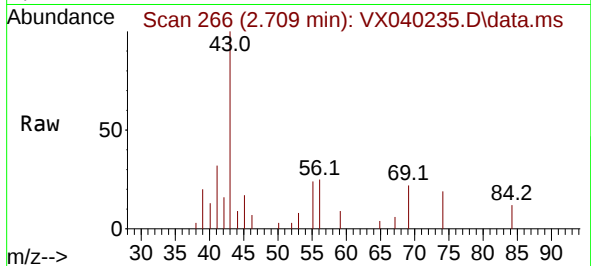
#18
Methyl Acetate
Concen: 3.288 ug/l
RT: 2.709 min Scan# 209
Delta R.T. 0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :
50240

Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
74 17.8 17.8 26.8

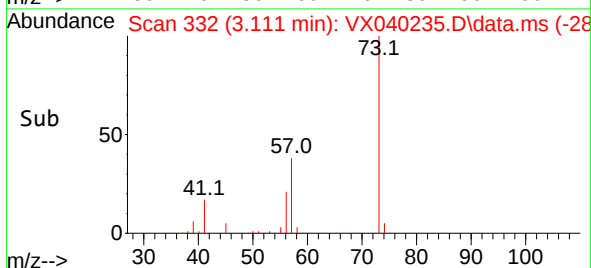
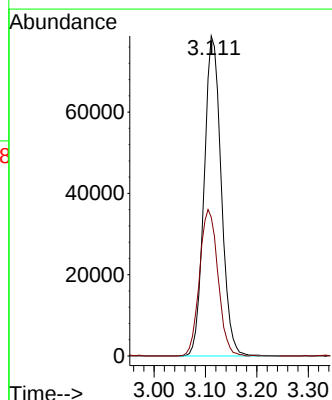
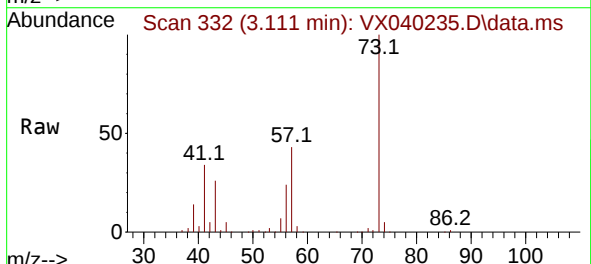
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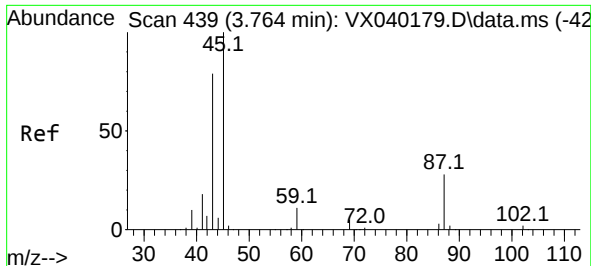
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#19
Methyl tert-butyl Ether
Concen: 66.528 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

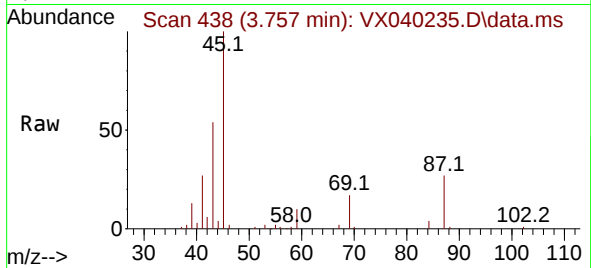
Tgt Ion: 73 Resp: 181797
Ion Ratio Lower Upper
73 100
57 43.3 17.3 25.9#





#22
Diisopropyl ether
Concen: 12.147 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

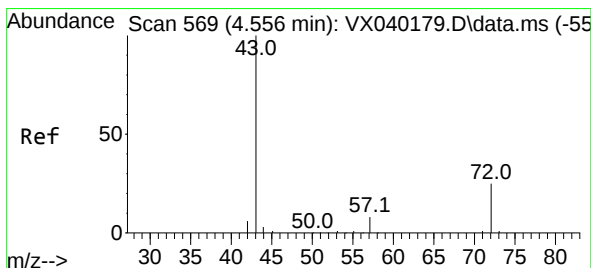
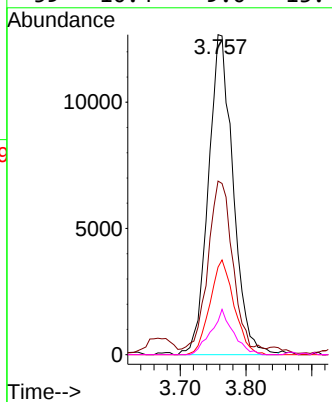
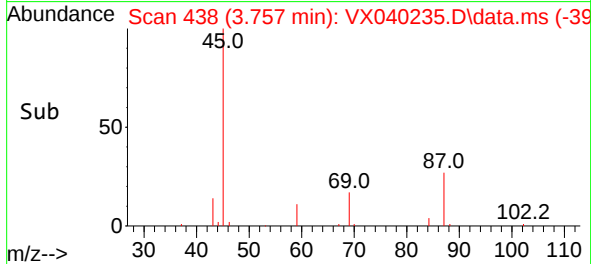
Instrument :
MSVOA_X
ClientSampleId :
50240



Tgt Ion: 45 Resp: 33160
Ion Ratio Lower Upper
45 100
43 52.6 69.7 104.5
87 27.3 20.8 31.2
59 10.4 9.0 13.4

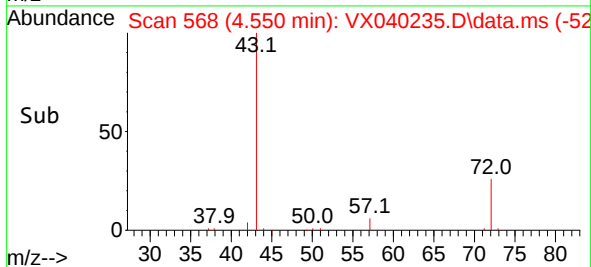
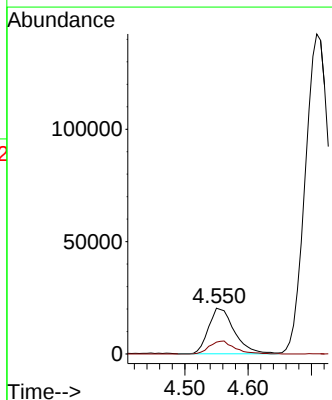
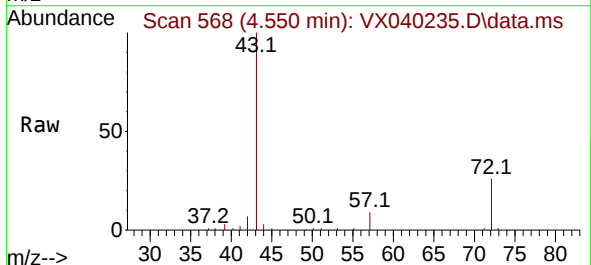
Manual Integrations
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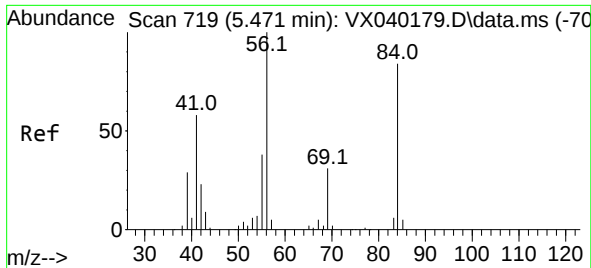
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#25
2-Butanone
Concen: 79.885 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

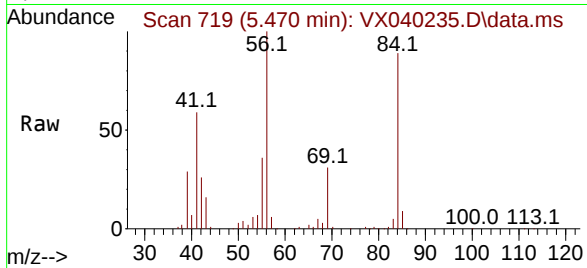
Tgt Ion: 43 Resp: 57966
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2





#31
Cyclohexane
Concen: 84.178 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

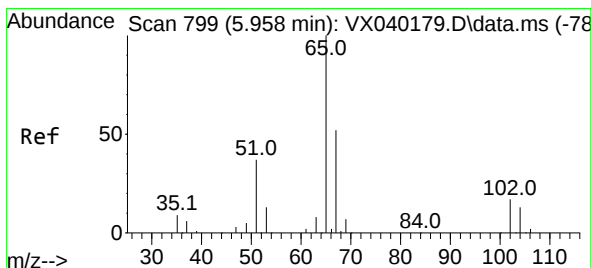
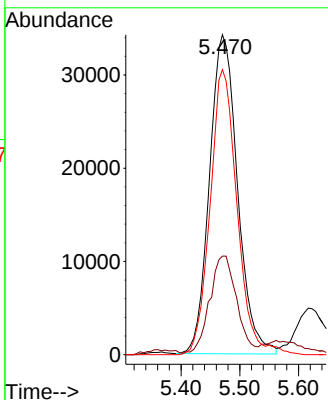
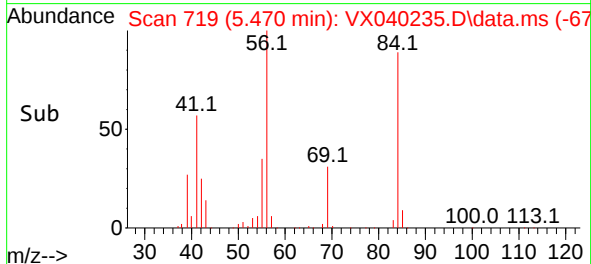
Instrument :
MSVOA_X
ClientSampleId :
50240



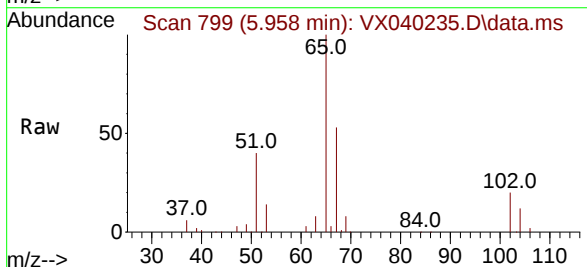
Tgt Ion: 56 Resp: 11348
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 89.4 65.9 98.9

Manual Integrations
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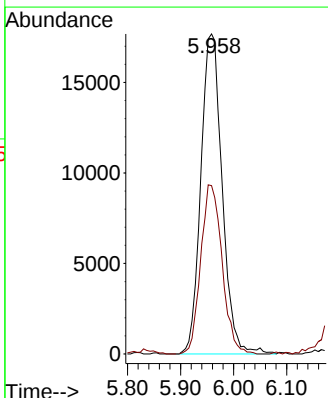
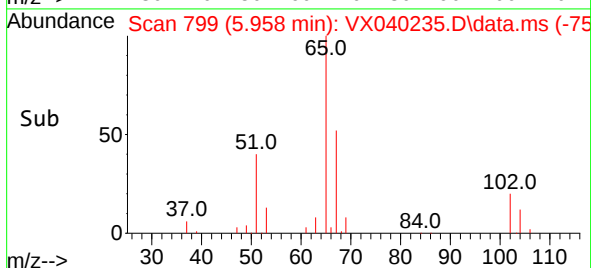
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

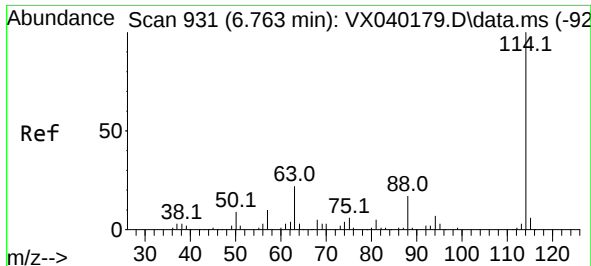


#33
1,2-Dichloroethane-d4
Concen: 43.693 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54



Tgt Ion: 65 Resp: 49384
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2





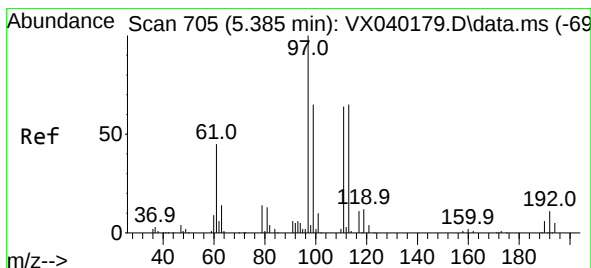
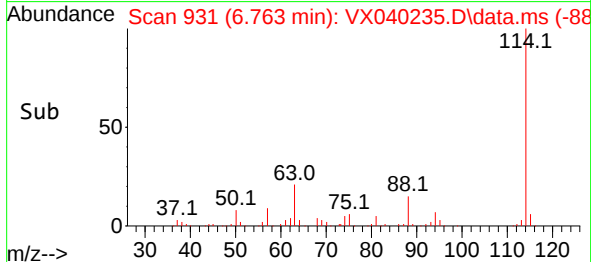
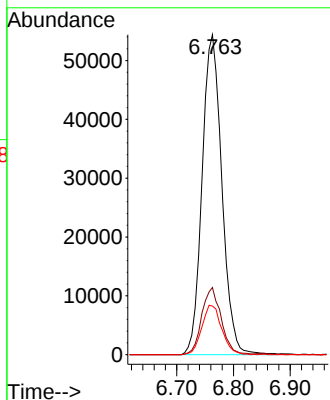
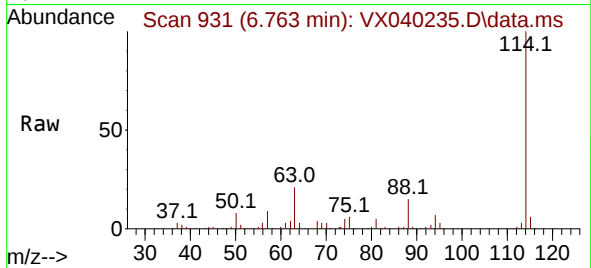
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :
50240

Tgt Ion:114 Resp: 131549
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 15.2 0.0 36.6

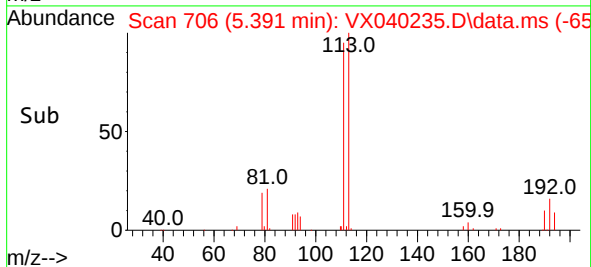
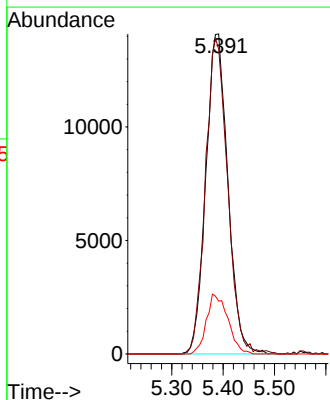
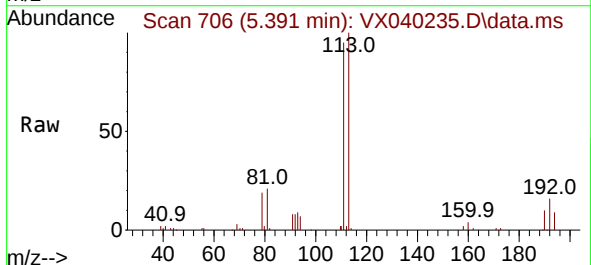
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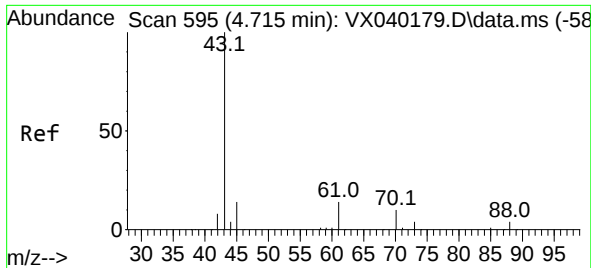
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#35
Dibromofluoromethane
Concen: 45.662 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion:113 Resp: 41948
Ion Ratio Lower Upper
113 100
111 98.7 82.9 124.3
192 18.2 13.3 19.9





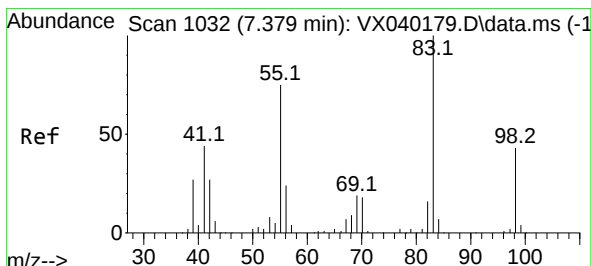
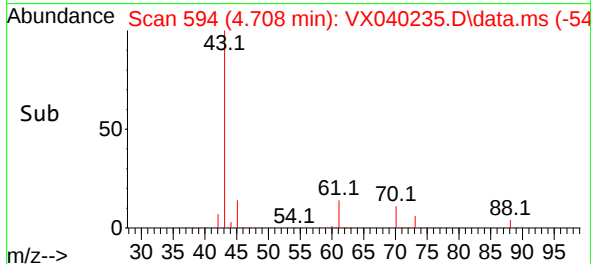
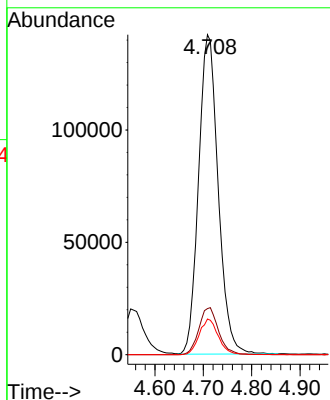
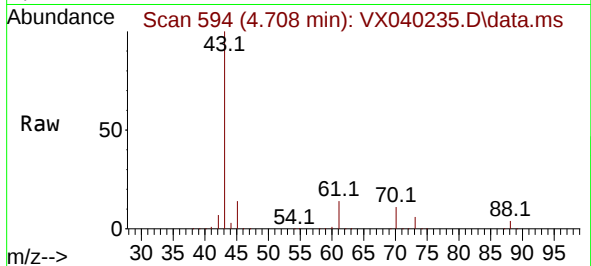
#37
Ethyl Acetate
Concen: 279.512 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :
50240

Tgt Ion: 43 Resp: 40024
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 10.9 8.3 12.5

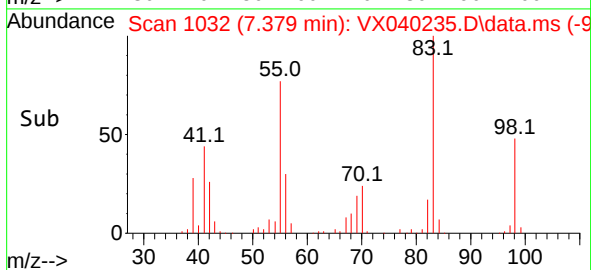
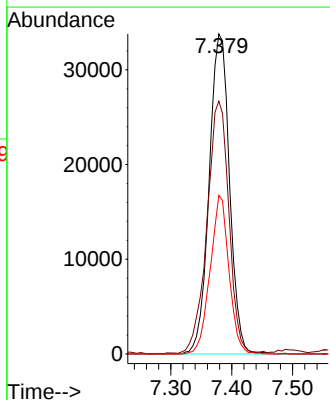
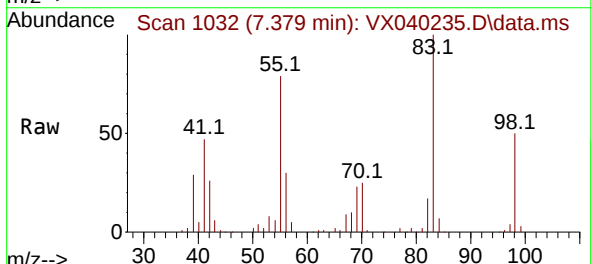
Manual Integrations
APPROVED

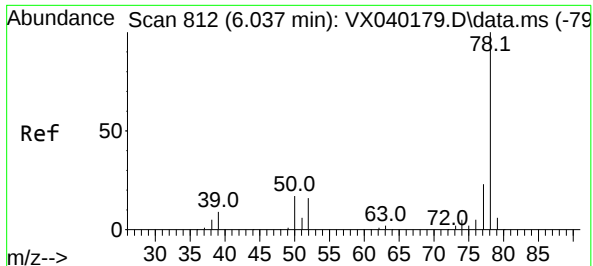
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#39
Methylcyclohexane
Concen: 52.414 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion: 83 Resp: 78388
Ion Ratio Lower Upper
83 100
55 78.8 64.6 97.0
98 49.6 36.7 55.1





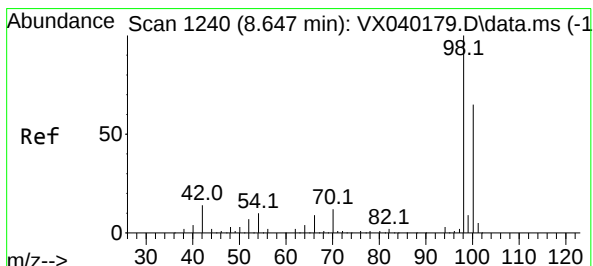
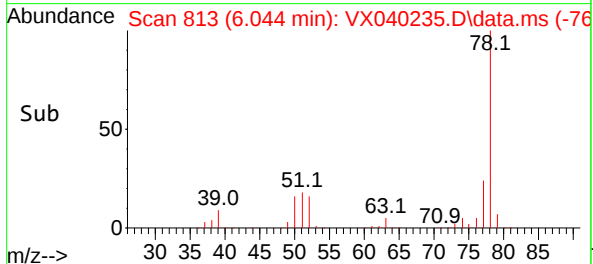
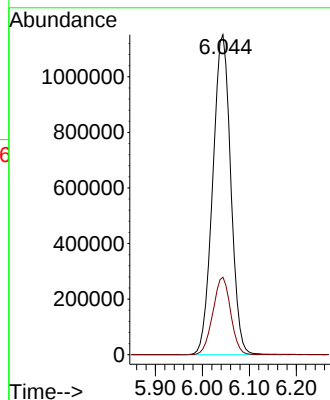
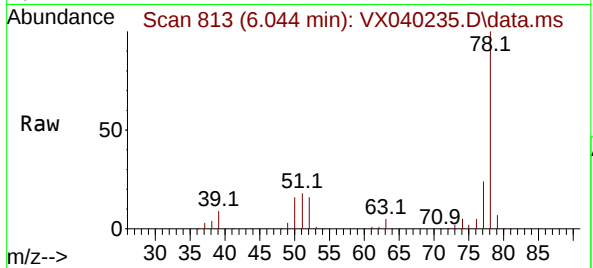
#40
Benzene
Concen: 851.081 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :
50240

Tgt Ion: 78 Resp: 306282
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

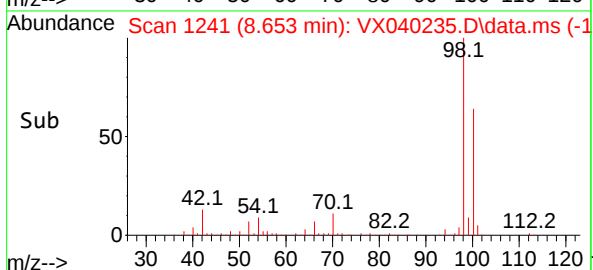
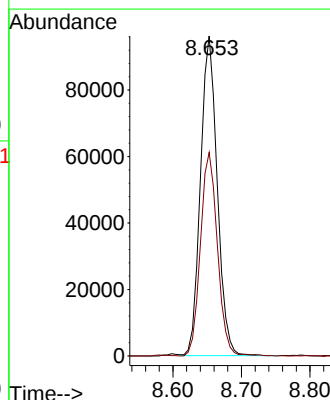
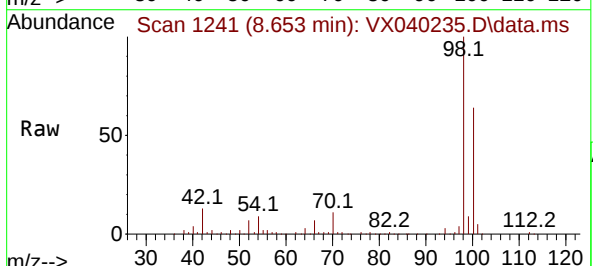
Manual Integrations
APPROVED

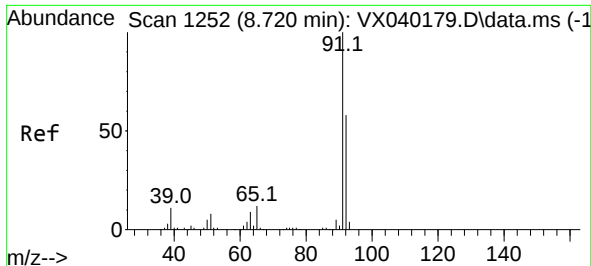
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#50
Toluene-d8
Concen: 47.629 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

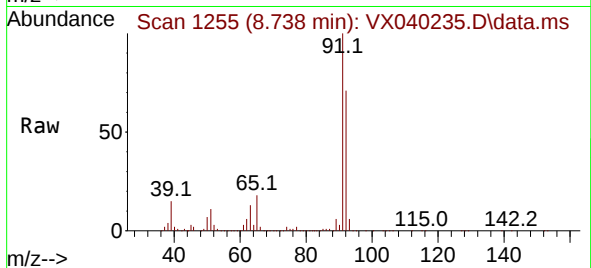
Tgt Ion: 98 Resp: 163676
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7





#52
Toluene
Concen: 4083.718 ug/l
RT: 8.738 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

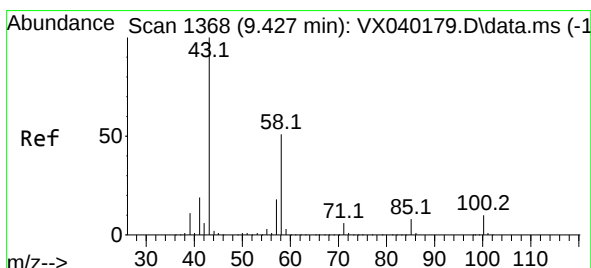
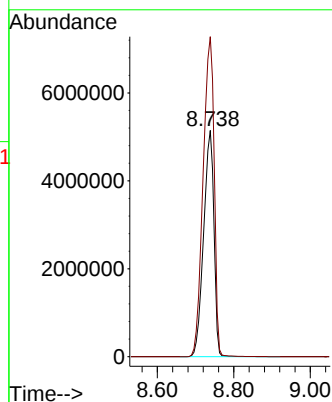
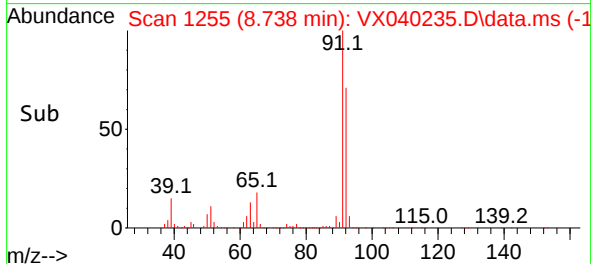
Instrument :
MSVOA_X
ClientSampleId :
50240



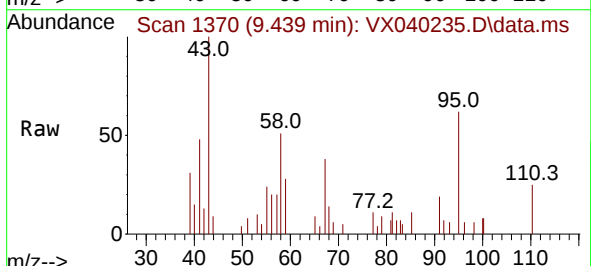
Tgt Ion: 92 Resp: 962626
Ion Ratio Lower Upper
92 100
91 152.4 134.2 201.2

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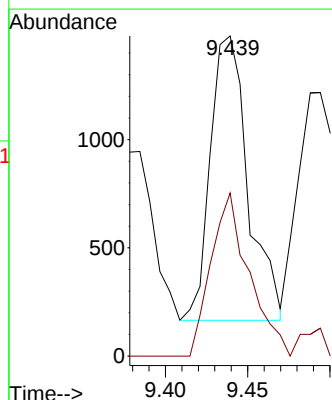
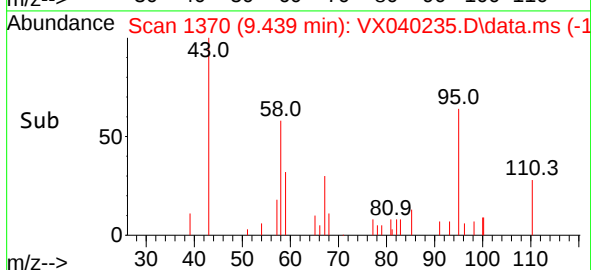
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

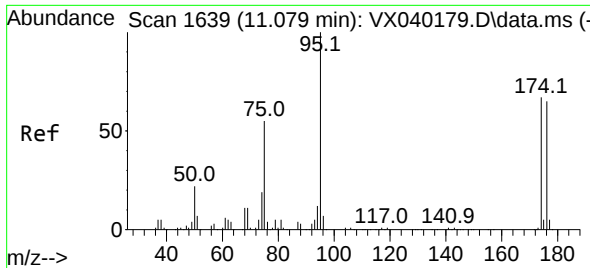


#59
2-Hexanone
Concen: 1.731 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54



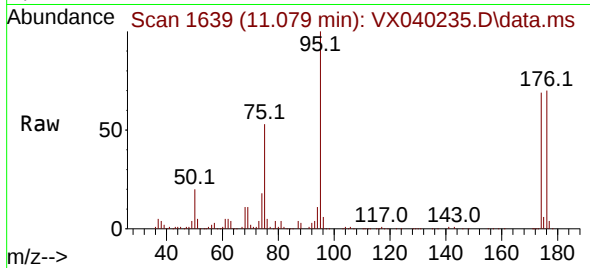
Tgt Ion: 43 Resp: 2094
Ion Ratio Lower Upper
43 100
58 57.7 26.2 78.5





#62
4-Bromofluorobenzene
Concen: 66.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

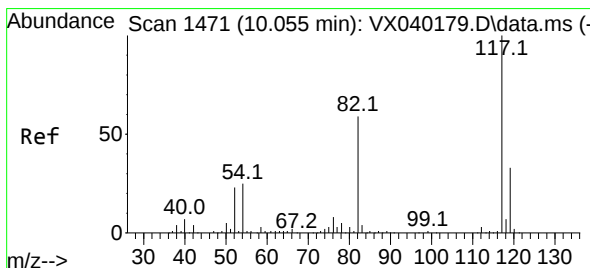
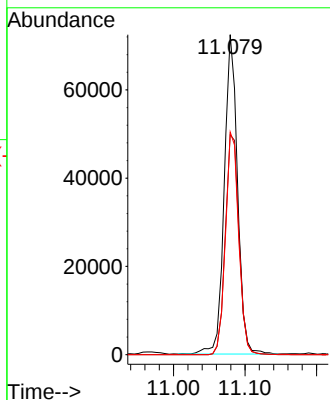
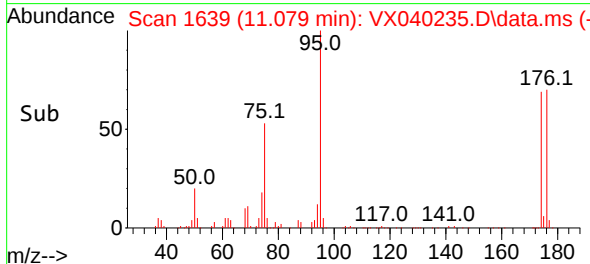
Instrument :
MSVOA_X
ClientSampleId :
50240



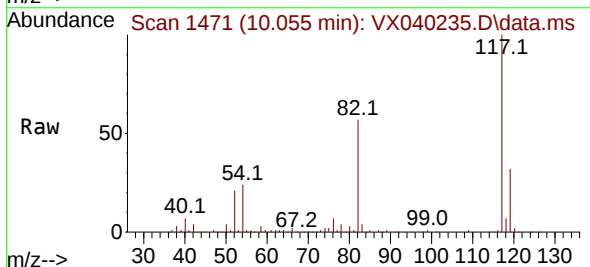
Tgt Ion: 95 Resp: 93492
Ion Ratio Lower Upper
95 100
174 70.7 0.0 135.6
176 69.3 0.0 131.0

Manual Integrations
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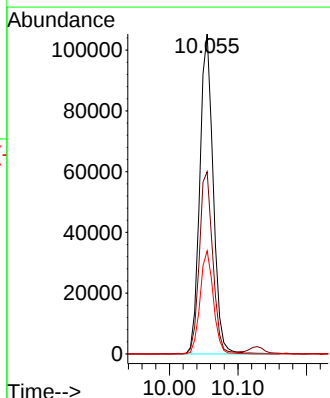
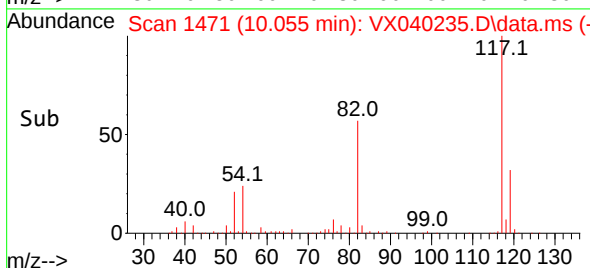
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

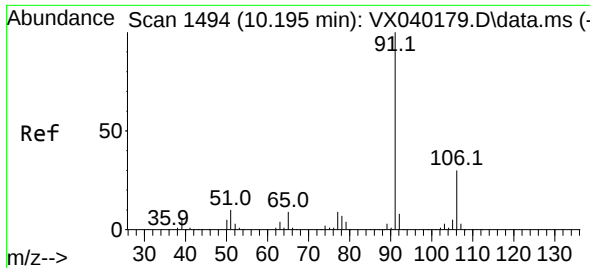


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54



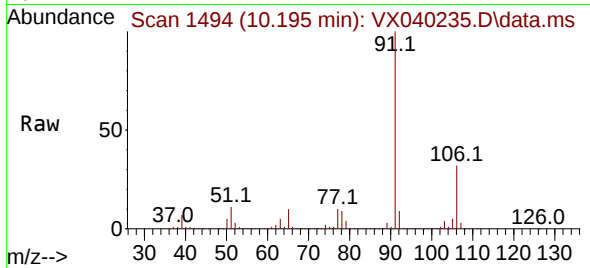
Tgt Ion:117 Resp: 143260
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.3 25.5 38.3





#67
Ethyl Benzene
Concen: 824.809 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

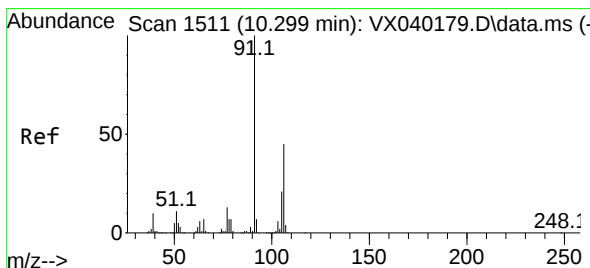
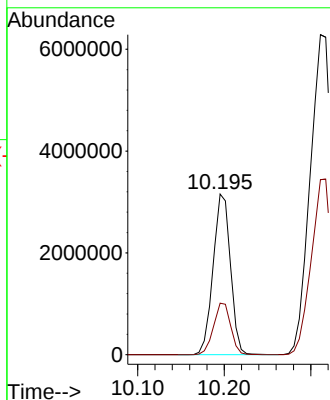
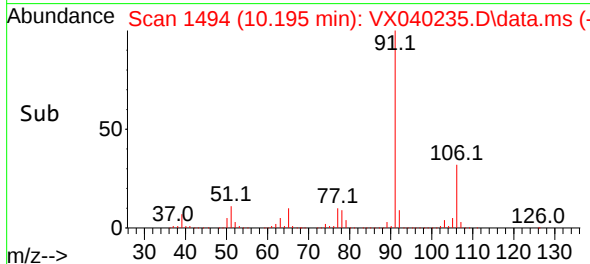
Instrument :
MSVOA_X
ClientSampleId :
50240



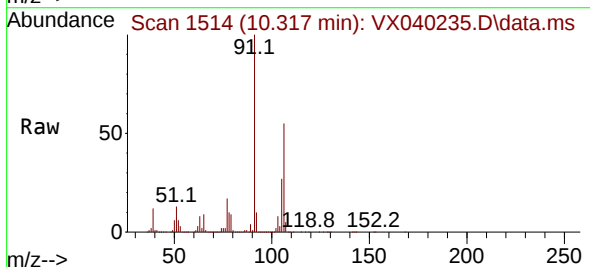
Tgt Ion: 91 Resp: 4392090
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
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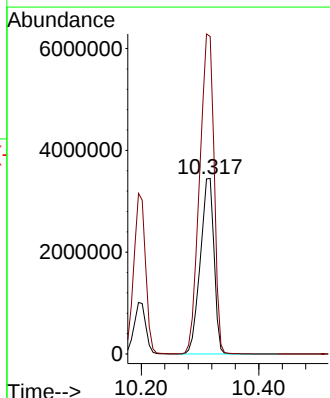
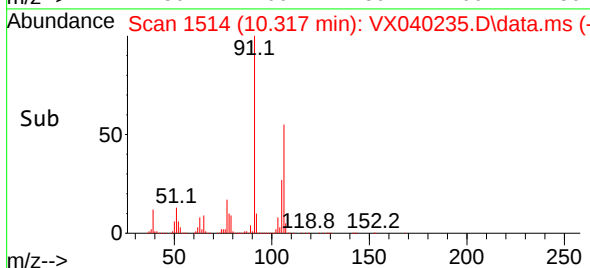
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

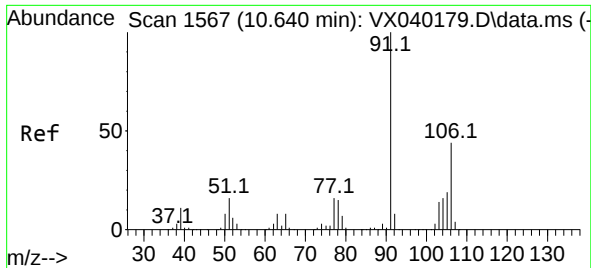


#68
m/p-Xylenes
Concen: 2789.410 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.018 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54



Tgt Ion:106 Resp: 5609820
Ion Ratio Lower Upper
106 100
91 192.0 165.5 248.3





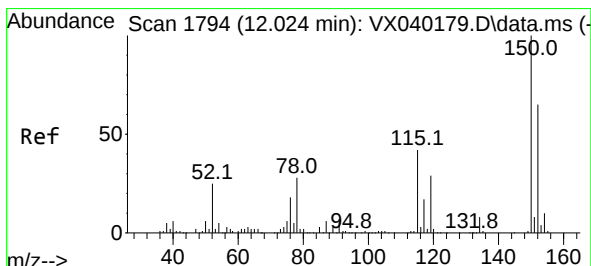
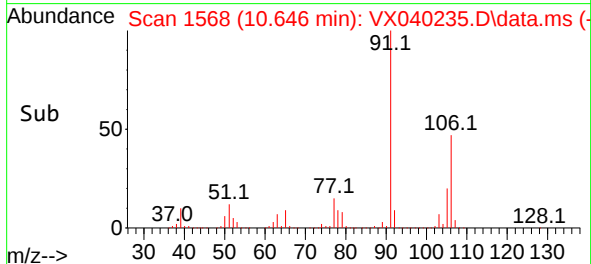
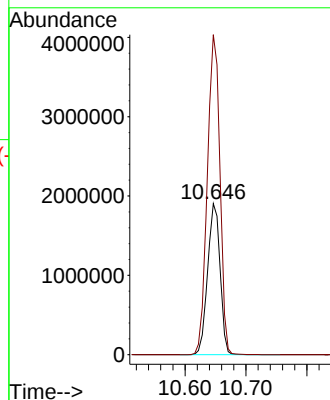
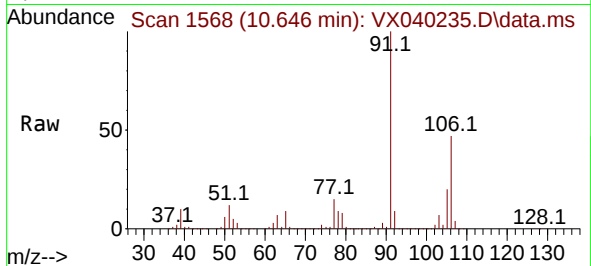
#69
o-Xylene
Concen: 1382.631 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :
50240

Tgt Ion:106 Resp: 2702124
Ion Ratio Lower Upper
106 100
91 214.7 108.9 326.8

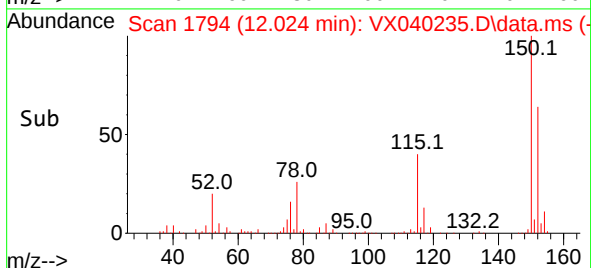
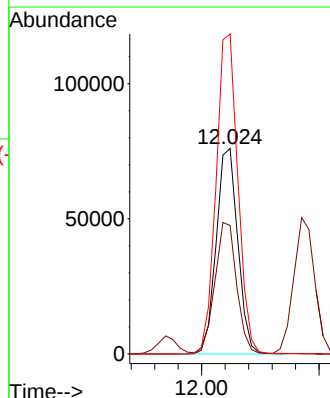
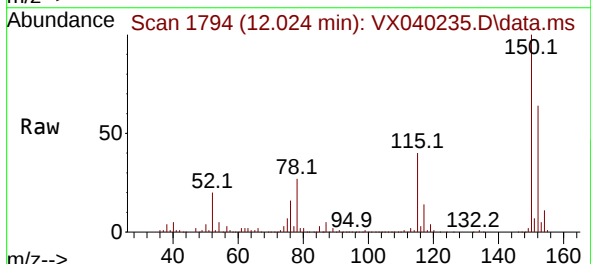
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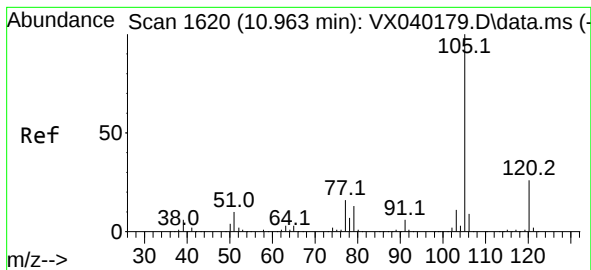
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion:152 Resp: 96898
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 157.4 0.0 345.0





#73

Isopropylbenzene

Concen: 57.748 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040235.D

Acq: 14 Feb 2024 20:54

Instrument :

MSVOA_X

ClientSampleId :

50240

Tgt Ion:105 Resp: 39412

Ion Ratio Lower Upper

105 100

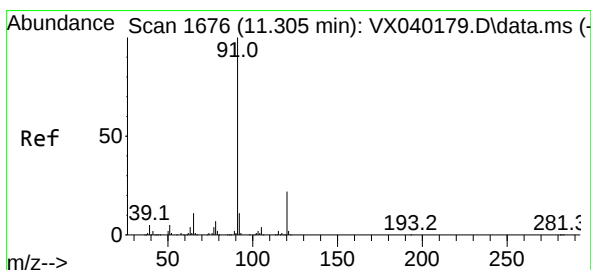
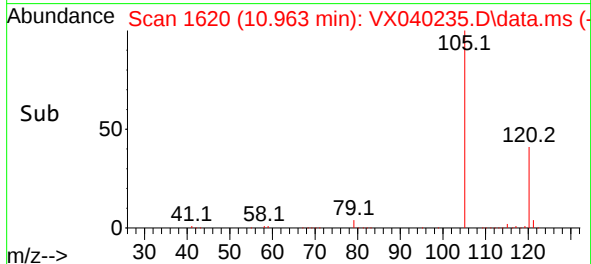
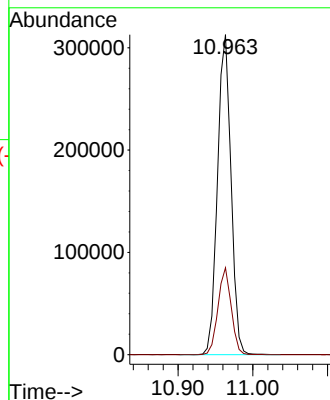
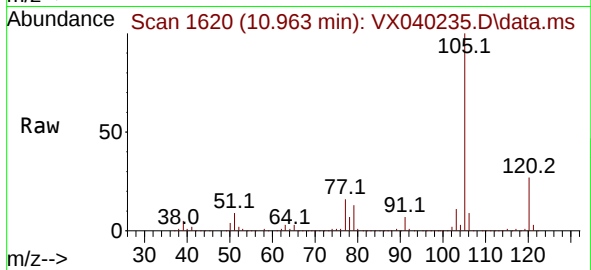
120 26.5 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#78

n-propylbenzene

Concen: 133.220 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040235.D

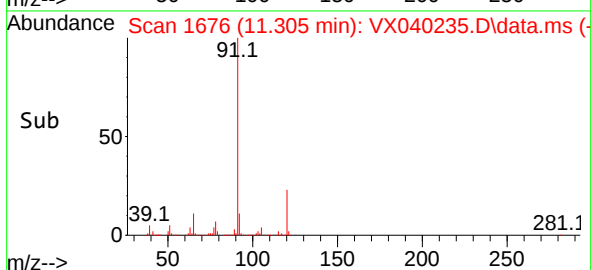
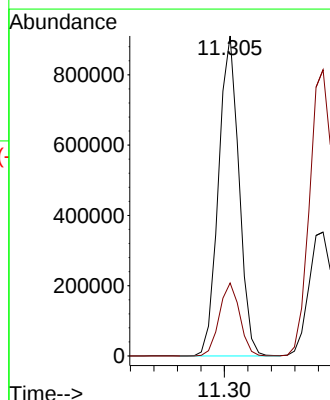
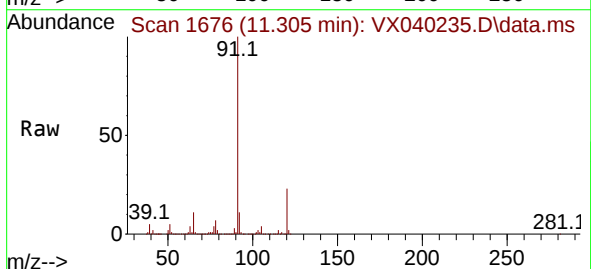
Acq: 14 Feb 2024 20:54

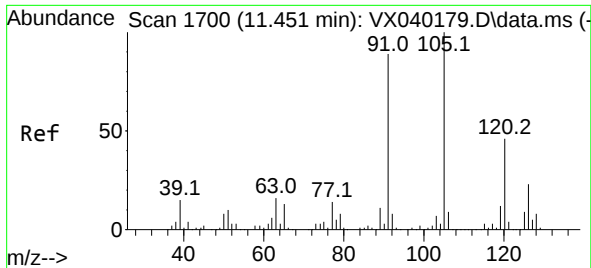
Tgt Ion: 91 Resp: 1100757

Ion Ratio Lower Upper

91 100

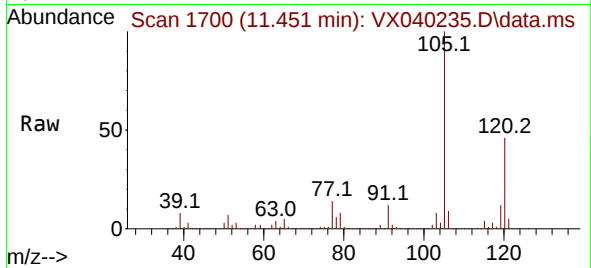
120 22.7 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 246.894 ug/l
RT: 11.451 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

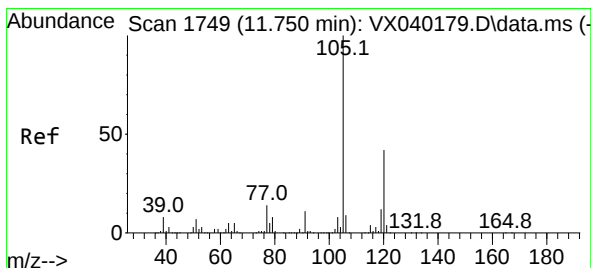
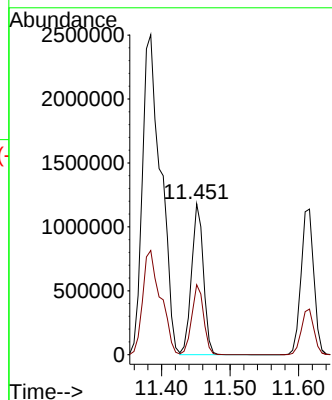
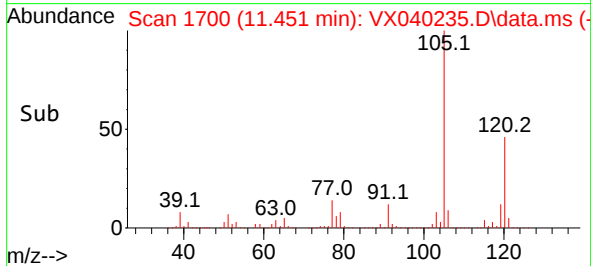
Instrument :
MSVOA_X
ClientSampleId :
50240



Tgt Ion:105 Resp: 1418570
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3

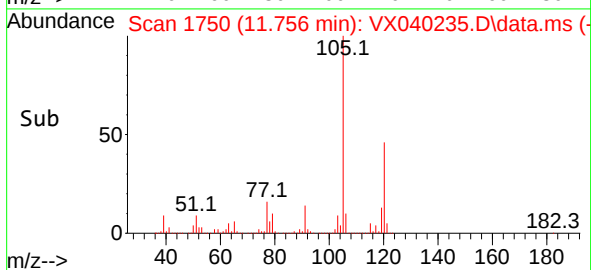
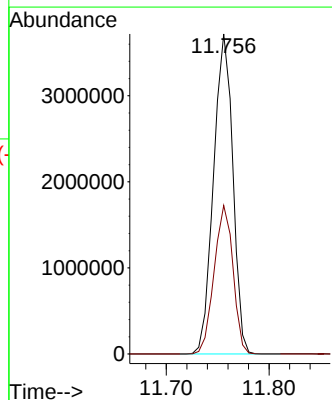
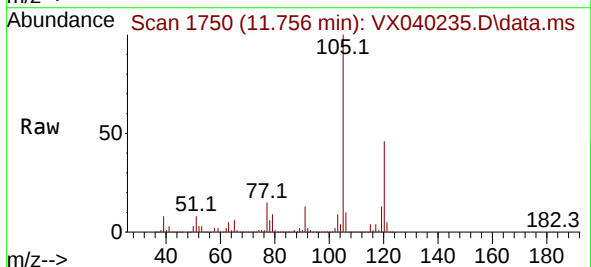
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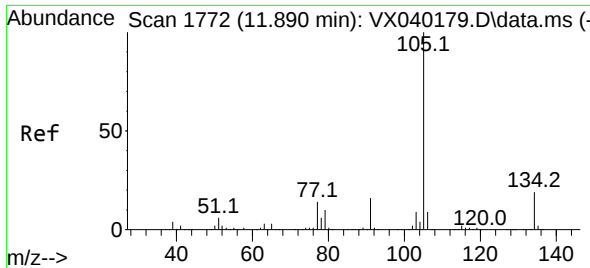
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 830.500 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Tgt Ion:105 Resp: 4827654
Ion Ratio Lower Upper
105 100
120 45.5 21.2 63.6





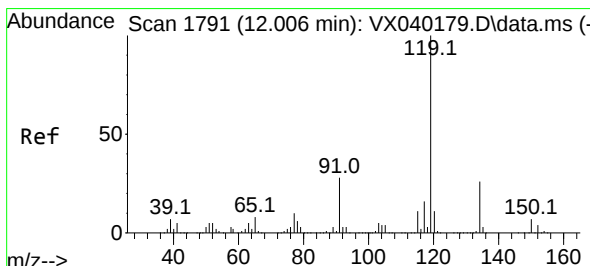
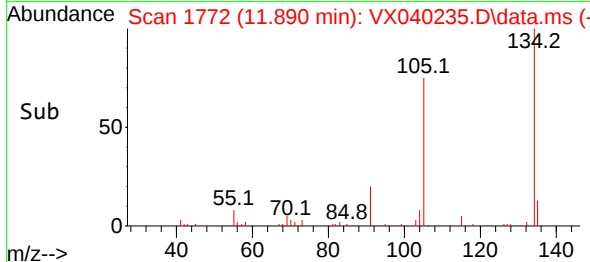
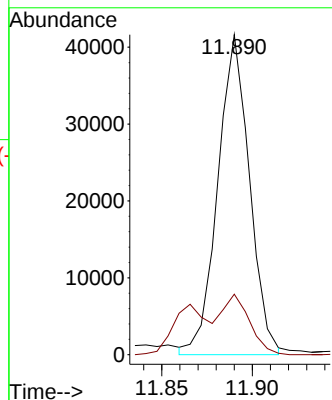
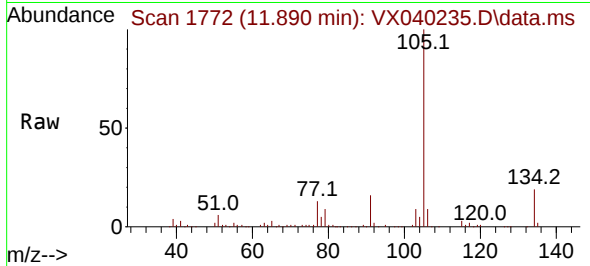
#85
 sec-Butylbenzene
 Concen: 6.988 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040235.D
 Acq: 14 Feb 2024 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 50240

Tgt Ion:105 Resp: 50588
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

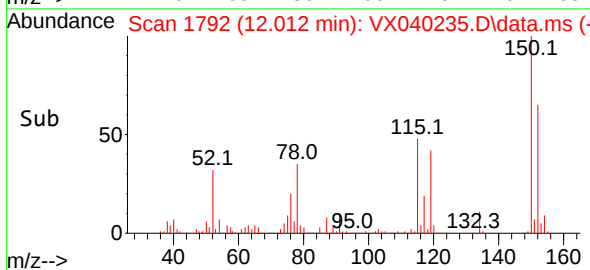
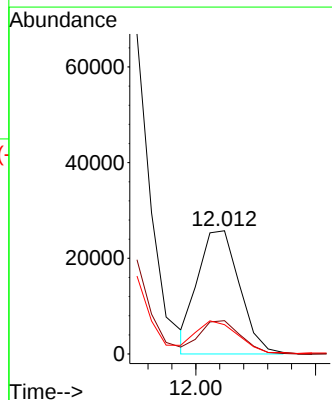
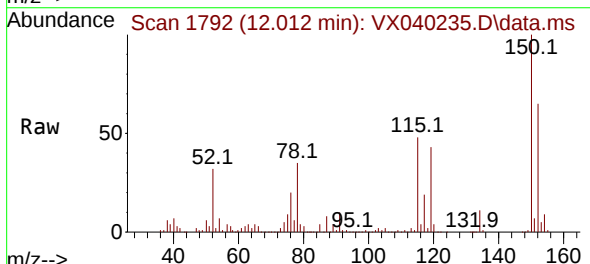
Manual Integrations
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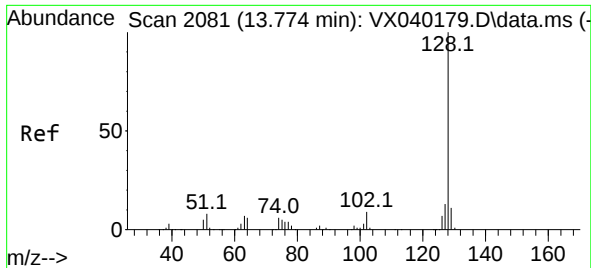
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#86
 p-Isopropyltoluene
 Concen: 5.276 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040235.D
 Acq: 14 Feb 2024 20:54

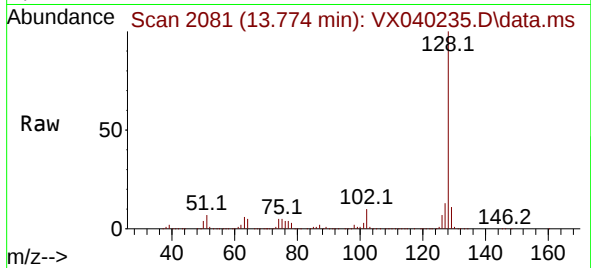
Tgt Ion:119 Resp: 31307
 Ion Ratio Lower Upper
 119 100
 134 91.7 12.8 38.3#
 91 83.9 13.1 39.3#





#95
Naphthalene
Concen: 106.404 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040235.D
Acq: 14 Feb 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :
50240



Tgt Ion:128 Resp: 71136
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

