

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025464.D
 Acq On : 03 Dec 2021 06:00
 Operator : JC/MD
 Sample : M4918-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-43

Quant Time: Dec 03 07:13:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	113327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66779	55.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.80%			
35) Dibromofluoromethane	5.391	113	59642	50.11	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.22%			
50) Toluene-d8	8.653	98	227353	50.80	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.60%			
62) 4-Bromofluorobenzene	11.079	95	81716	48.27	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	14729	42.42	ug/l	98
16) Acetone	2.380	43	1542	2.32	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	24699	6.75	ug/l #	1
22) Diisopropyl ether	3.770	45	2433	0.67	ug/l #	59
29) Tetrahydrofuran	5.032	42	1397	2.35	ug/l #	61
31) Cyclohexane	5.477	56	64765	35.08	ug/l	95
39) Methylcyclohexane	7.385	83	35737	16.46	ug/l	94
40) Benzene	6.044	78	156734	30.57	ug/l	99
52) Toluene	8.720	92	6420	1.92	ug/l	94
67) Ethyl Benzene	10.195	91	211126	34.11	ug/l	98
68) m/p-Xylenes	10.305	106	31690	12.53	ug/l	94
69) o-Xylene	10.646	106	5577	2.25	ug/l	93
73) Isopropylbenzene	10.964	105	55880	9.39	ug/l	98
78) n-propylbenzene	11.305	91	114963	17.21	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2903m	0.58	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	142163	28.75	ug/l	96
85) sec-Butylbenzene	11.890	105	15062	2.44	ug/l	94
86) p-Isopropyltoluene	12.177	119	3612	0.68	ug/l	91
89) n-Butylbenzene	12.335	91	18583	4.15	ug/l #	60

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

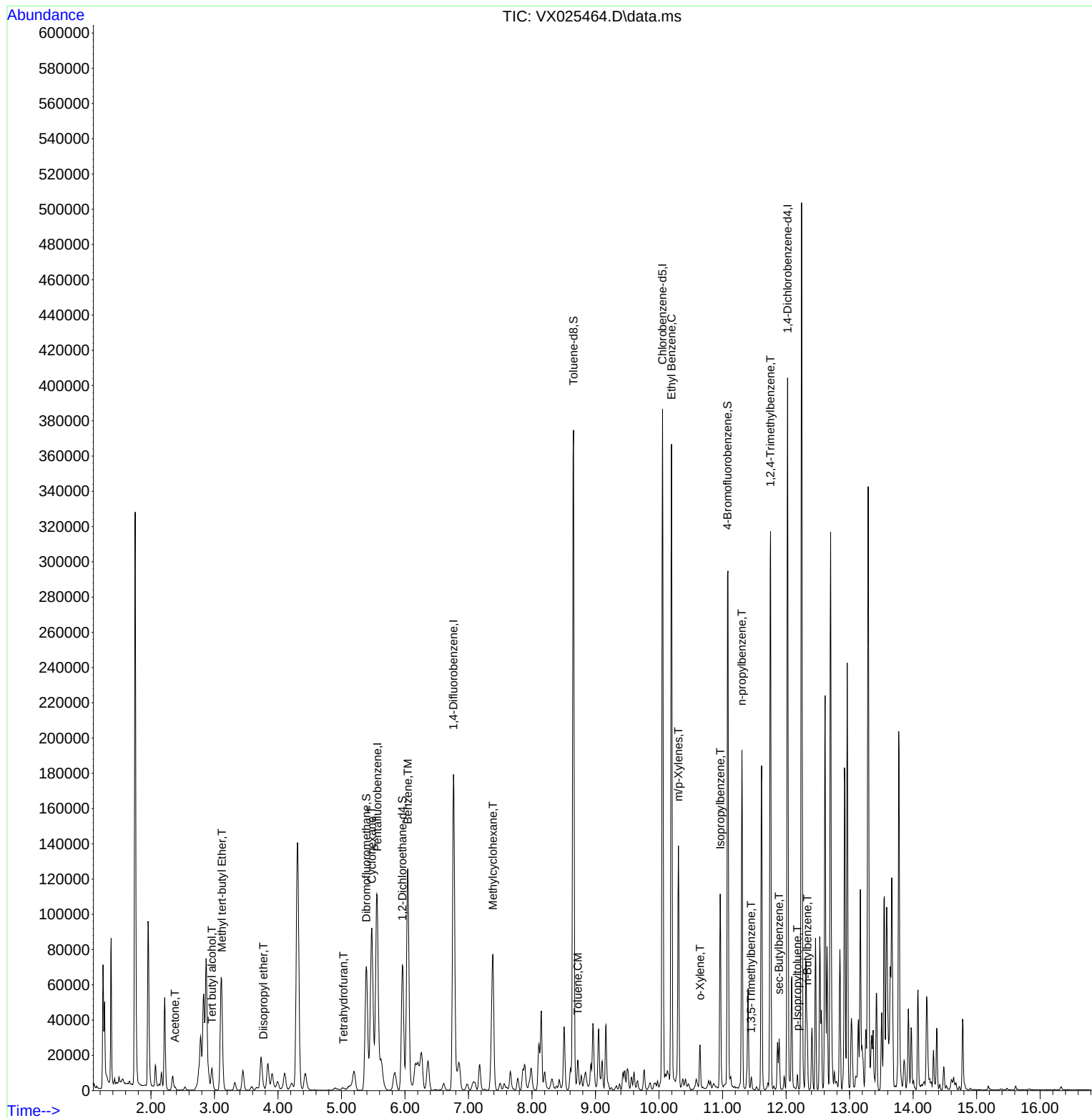
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025464.D
Acq On : 03 Dec 2021 06:00
Operator : JC/MD
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ALS Vial : 52 Sample Multiplier: 1

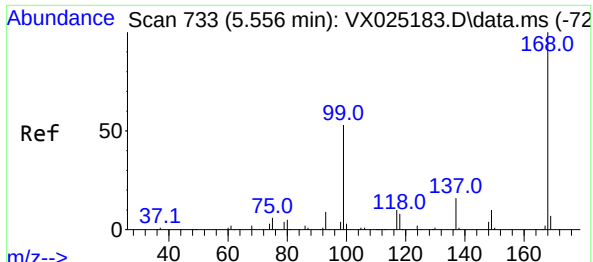
Instrument :
MSVOA_X
ClientSampleId :
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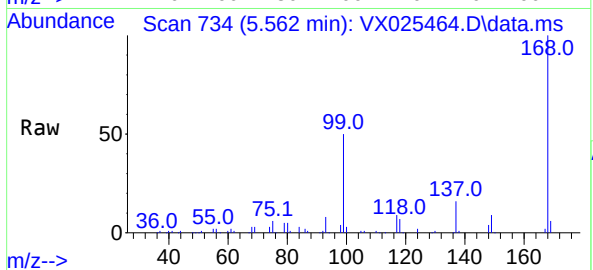
Quant Time: Dec 03 07:13:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

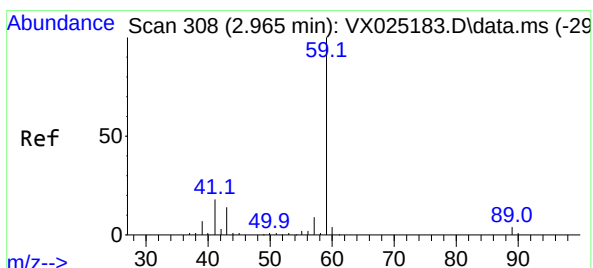
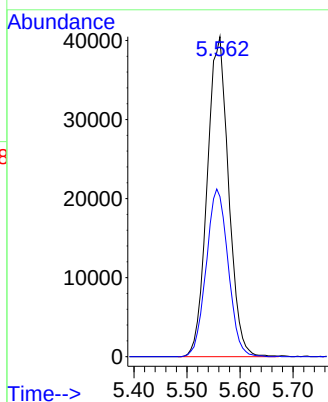
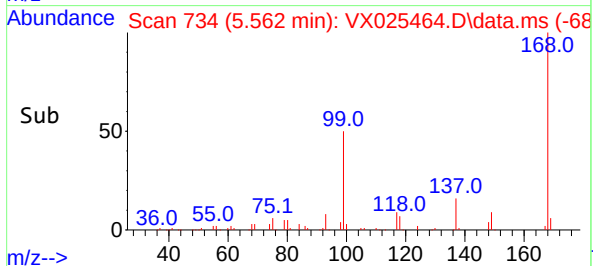
Instrument :
MSVOA_X
ClientSampleId :
MW-43



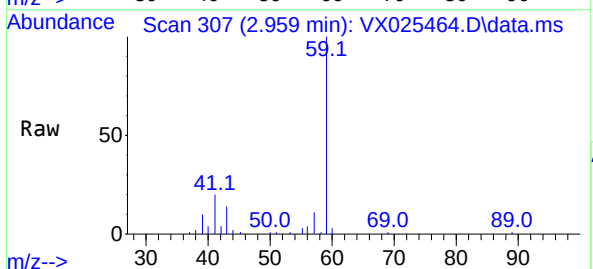
Tgt Ion:168 Resp: 11332
Ion Ratio Lower Upper
168 100
99 50.0 46.4 69.6

Manual Integrations
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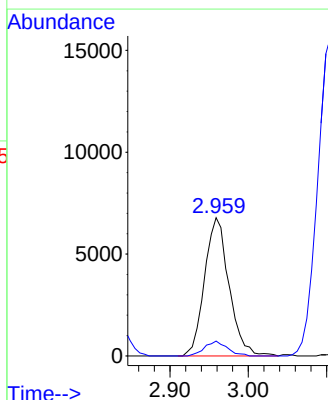
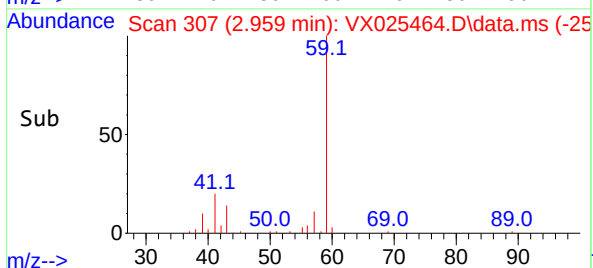
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021

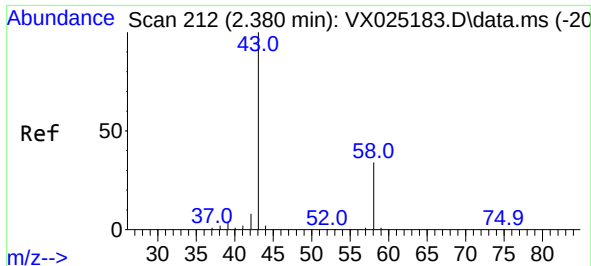


#11
Tert butyl alcohol
Concen: 42.42 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00



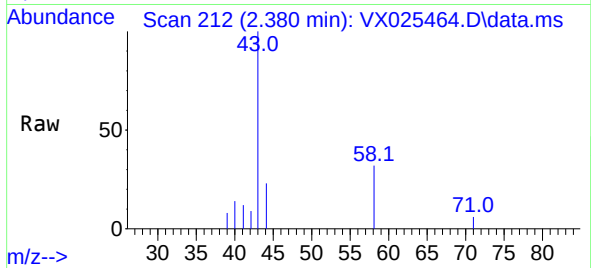
Tgt Ion: 59 Resp: 14729
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7





#16
Acetone
Concen: 2.32 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

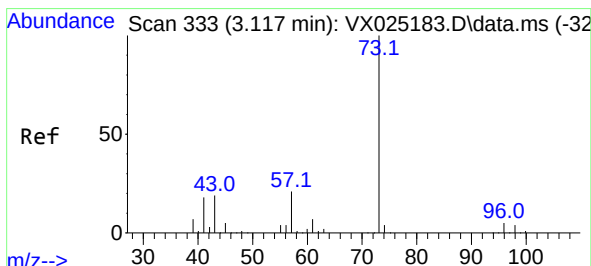
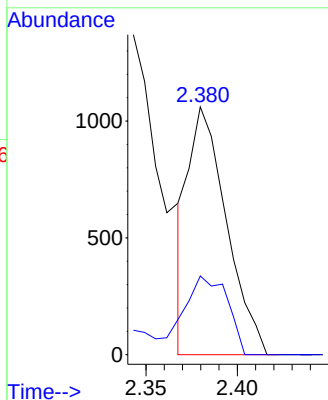
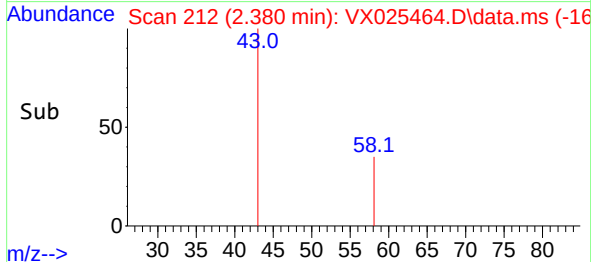
Instrument :
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ClientSampleId :
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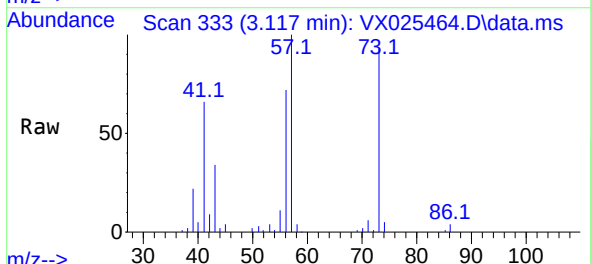
Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
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58 31.8 24.0 36.0

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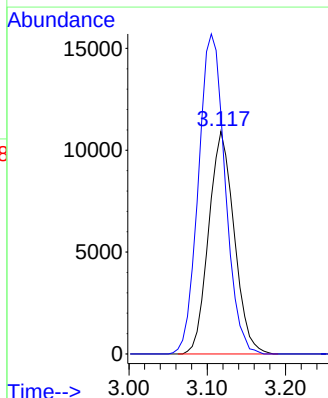
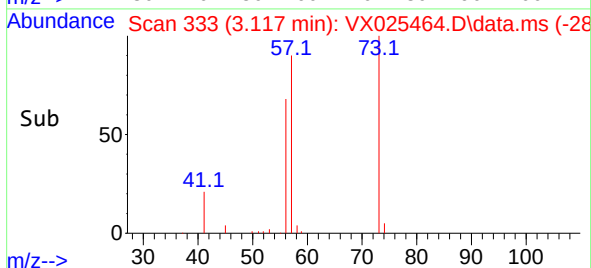
Reviewed By :John Carlone 12/03/2021
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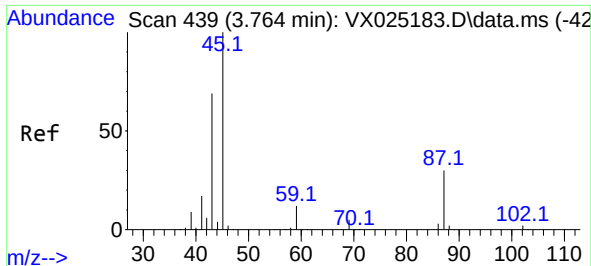


#19
Methyl tert-butyl Ether
Concen: 6.75 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00



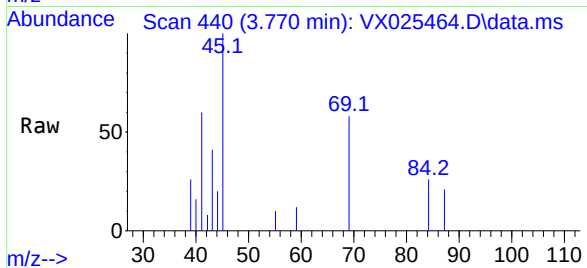
Tgt Ion: 73 Resp: 24699
Ion Ratio Lower Upper
73 100
57 107.8 17.5 26.3#





#22
Diisopropyl ether
Concen: 0.67 ug/l
RT: 3.770 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW-43

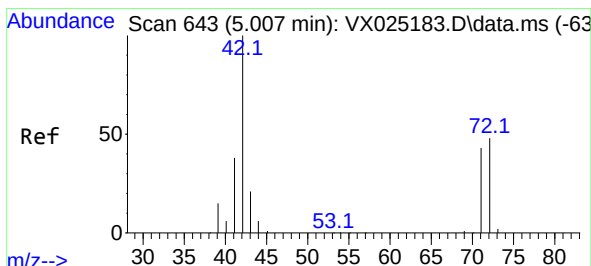
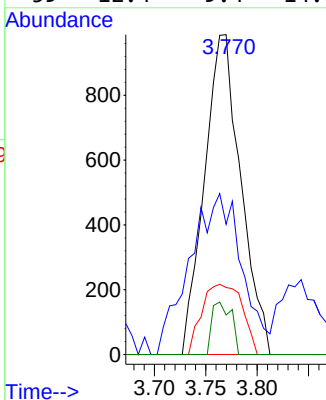
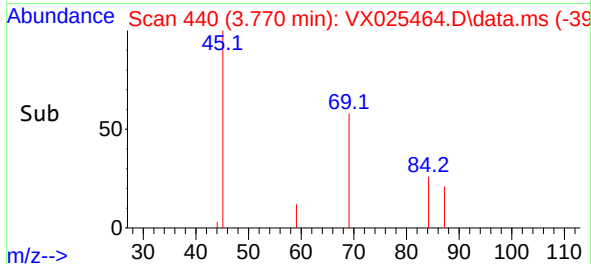


Tgt Ion: 45 Resp: 243

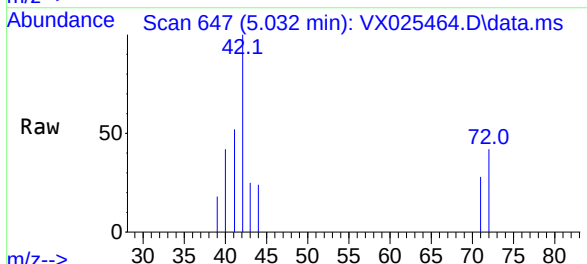
Ion	Ratio	Lower	Upper
45	100		
43	25.1	58.3	87.5
87	21.0	23.7	35.5
59	12.4	9.4	14.0

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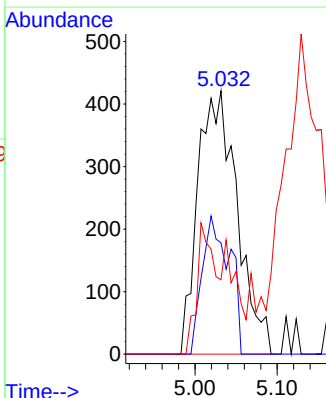
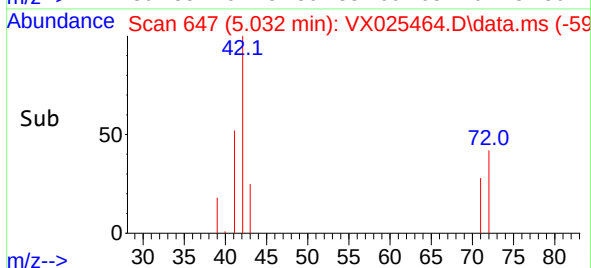


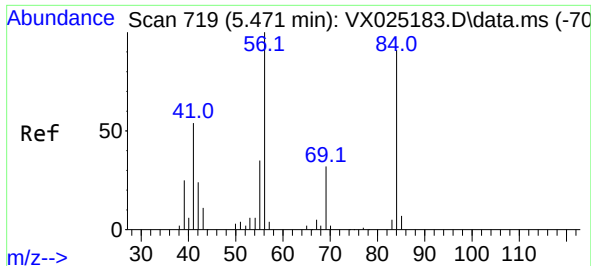
#29
Tetrahydrofuran
Concen: 2.35 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.025 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00



Tgt Ion: 42 Resp: 1397

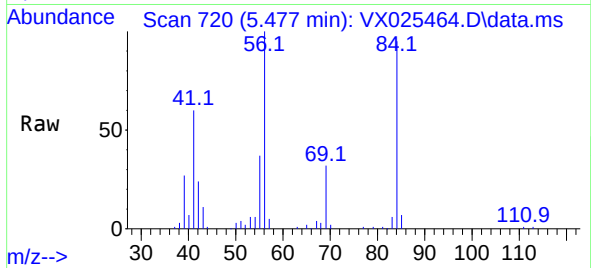
Ion	Ratio	Lower	Upper
42	100		
72	36.6	36.1	54.1
71	0.0	33.7	50.5





#31
Cyclohexane
Concen: 35.08 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

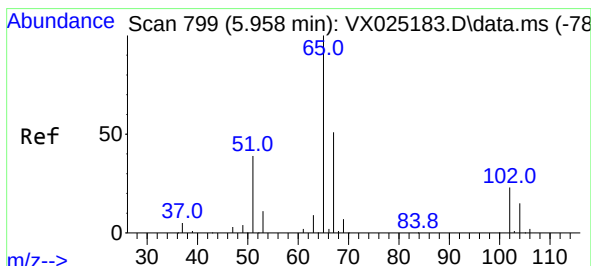
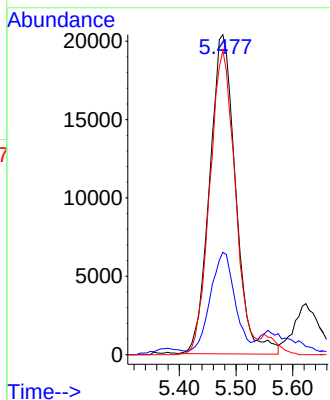
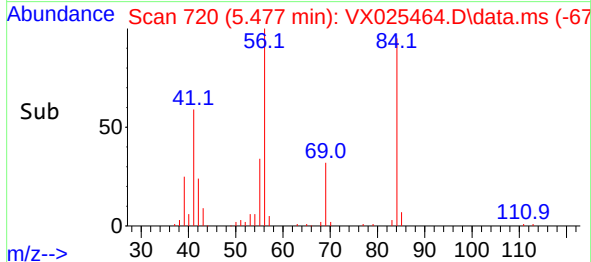
Instrument :
MSVOA_X
ClientSampleId :
MW-43



Tgt Ion: 56 Resp: 6476
Ion Ratio Lower Upper
56 100
69 30.6 24.2 36.2
84 95.5 71.5 107.3

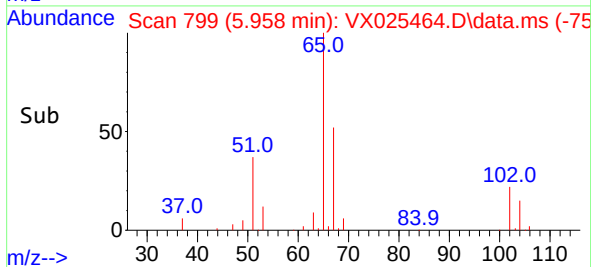
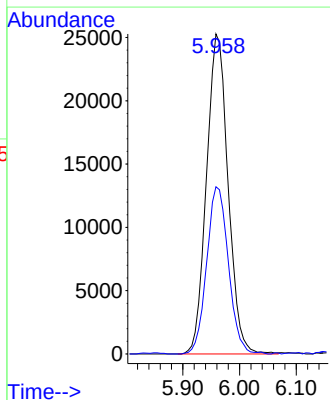
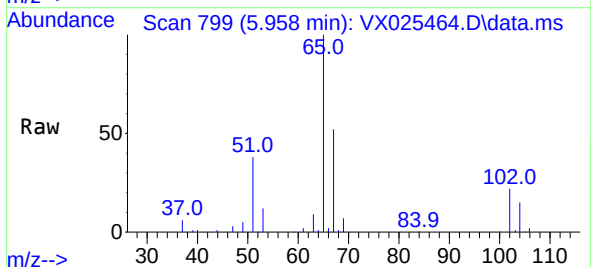
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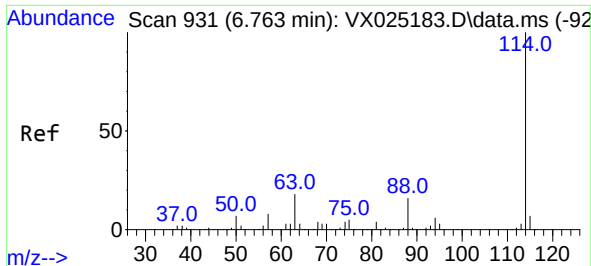
Reviewed By :John Carlone 12/03/2021
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#33
1,2-Dichloroethane-d4
Concen: 55.90 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

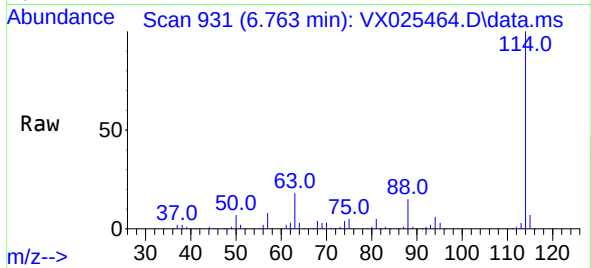
Tgt Ion: 65 Resp: 66779
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

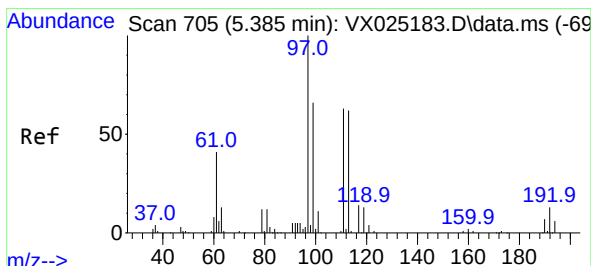
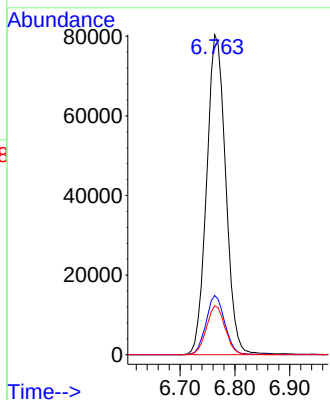
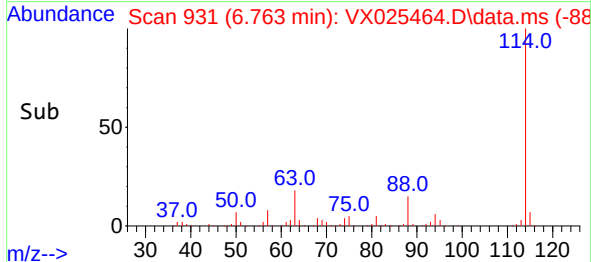
Instrument :
MSVOA_X
ClientSampleId :
MW-43



Tgt Ion:114 Resp: 193989
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.0
88 15.3 0.0 34.8

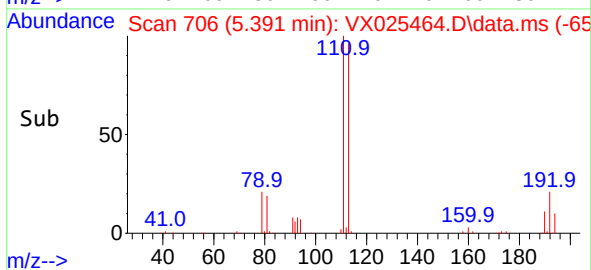
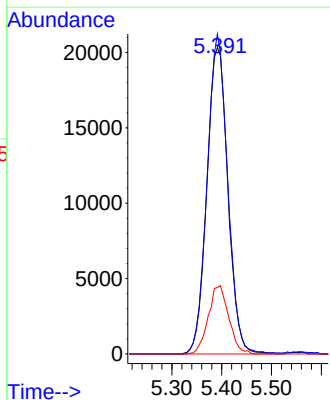
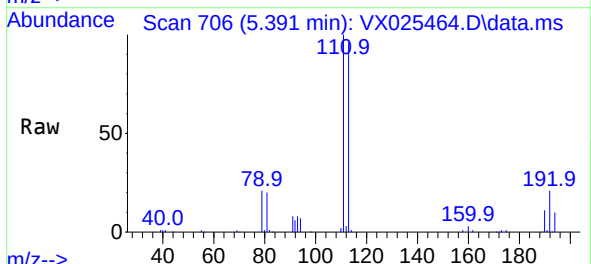
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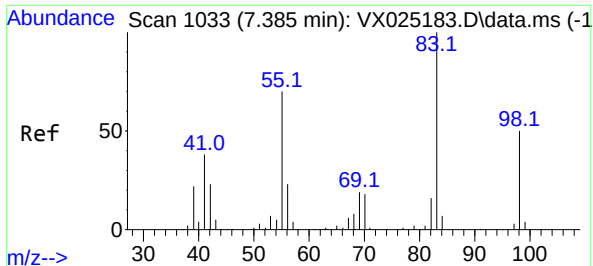
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



#35
Dibromofluoromethane
Concen: 50.11 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

Tgt Ion:113 Resp: 59642
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 21.6 15.6 23.4





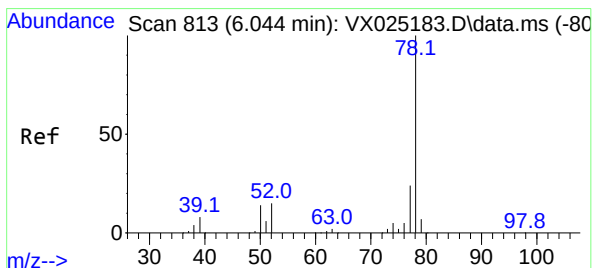
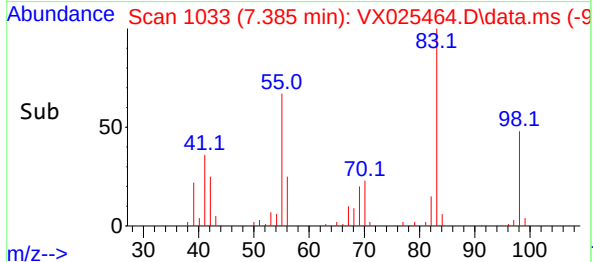
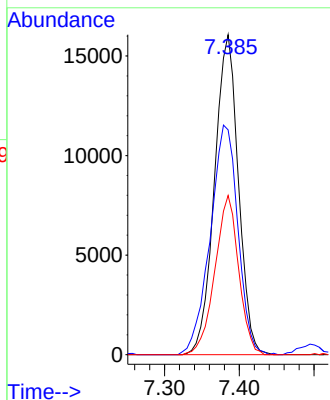
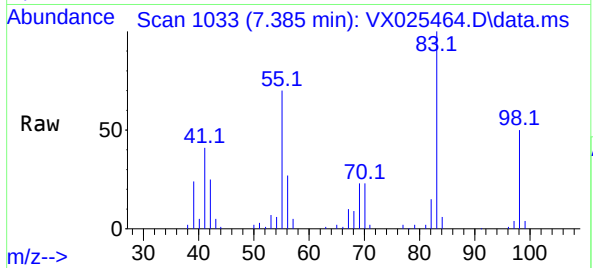
#39
Methylcyclohexane
Concen: 16.46 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW-43

Tgt Ion: 83 Resp: 3573
Ion Ratio Lower Upper
83 100
55 70.2 60.8 91.2
98 49.8 37.0 55.4

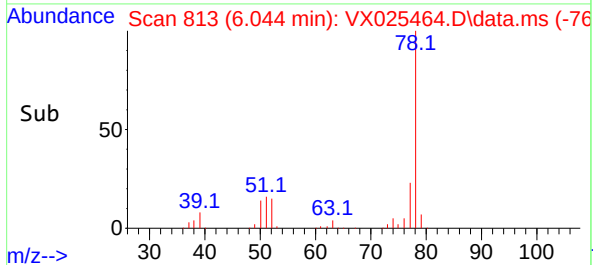
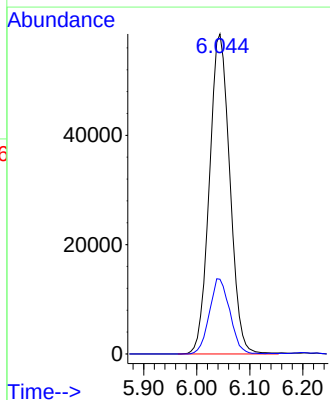
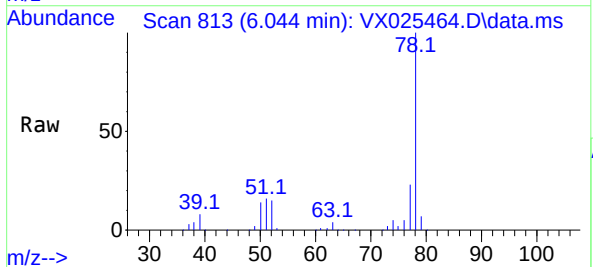
Manual Integrations
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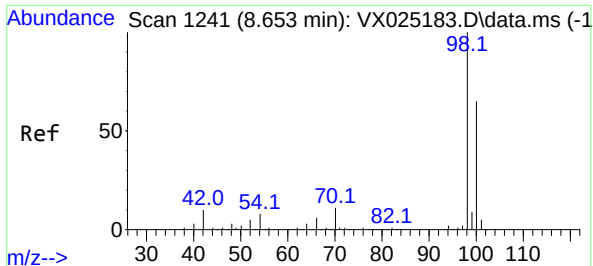
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



#40
Benzene
Concen: 30.57 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

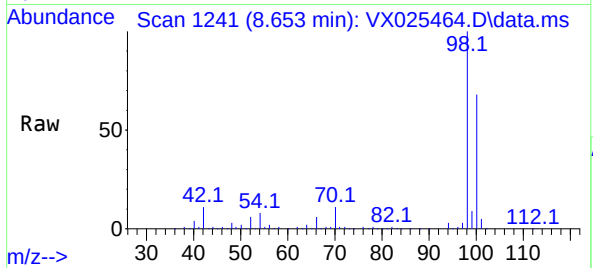
Tgt Ion: 78 Resp: 156734
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5





#50
Toluene-d8
Concen: 50.80 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

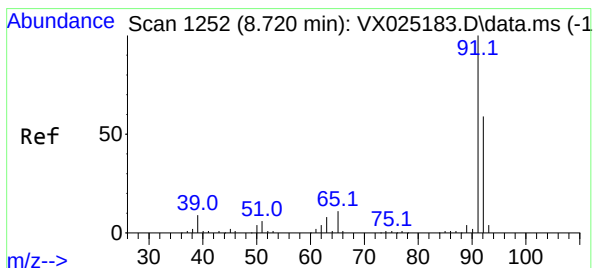
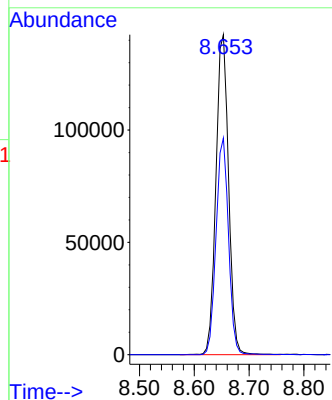
Instrument :
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ClientSampleId :
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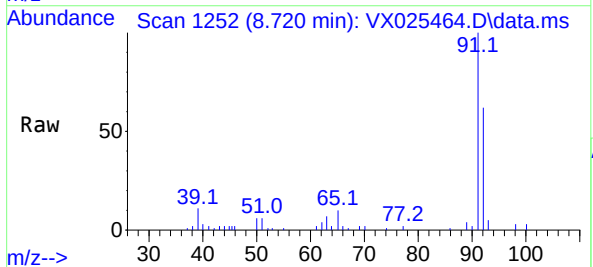
Tgt Ion: 98 Resp: 22735
Ion Ratio Lower Upper
98 100
100 66.6 51.4 77.0

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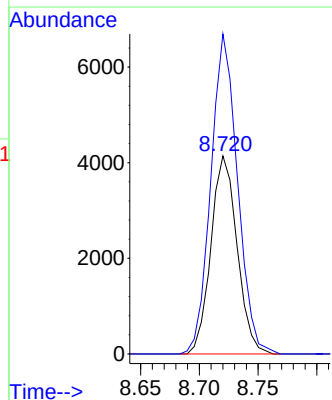
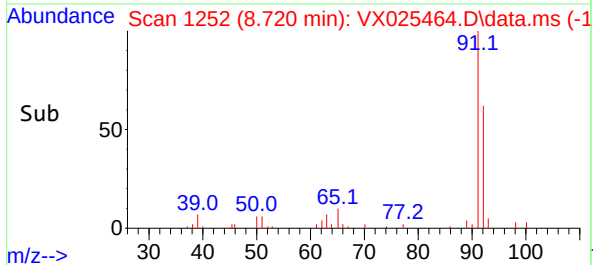
Reviewed By :John Carlone 12/03/2021
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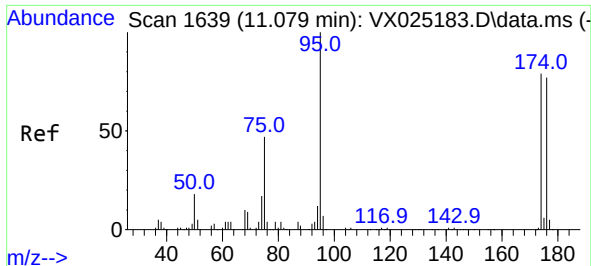


#52
Toluene
Concen: 1.92 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00



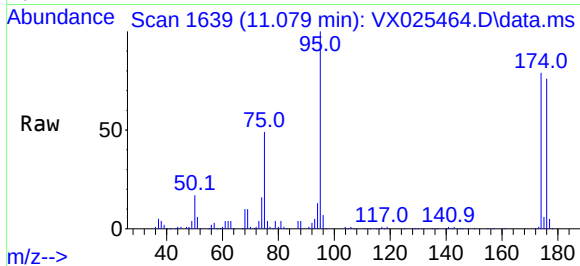
Tgt Ion: 92 Resp: 6420
Ion Ratio Lower Upper
92 100
91 164.8 138.6 208.0





#62
4-Bromofluorobenzene
Concen: 48.27 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

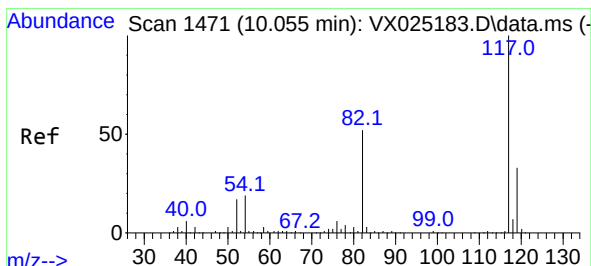
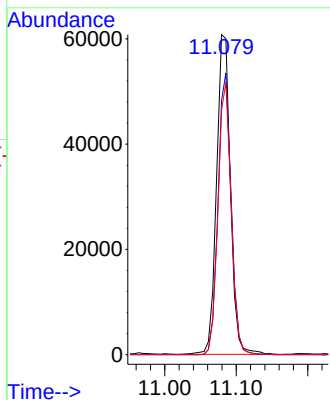
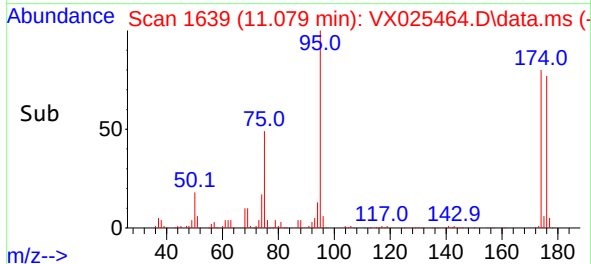
Instrument :
MSVOA_X
ClientSampleId :
MW-43



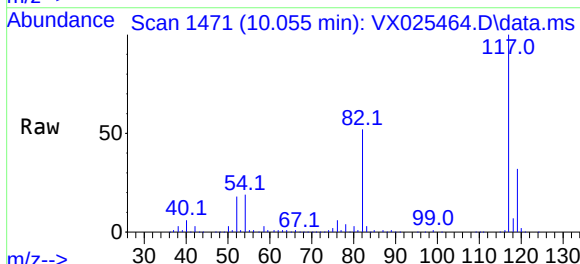
Tgt Ion: 95 Resp: 81710
Ion Ratio Lower Upper
95 100
174 83.8 0.0 158.0
176 81.0 0.0 153.6

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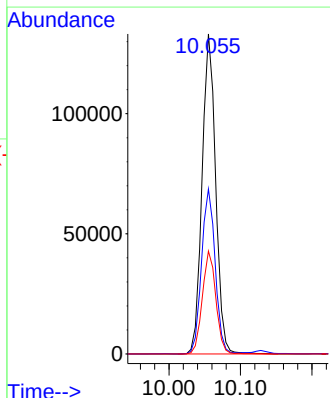
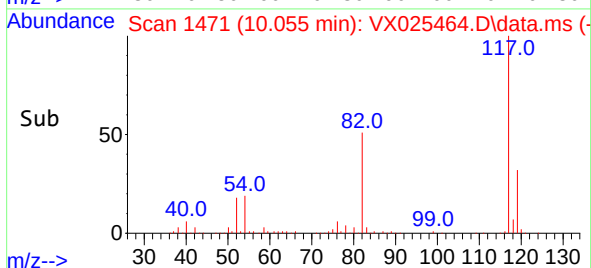
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021

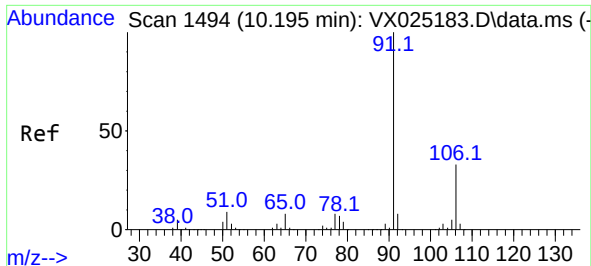


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00



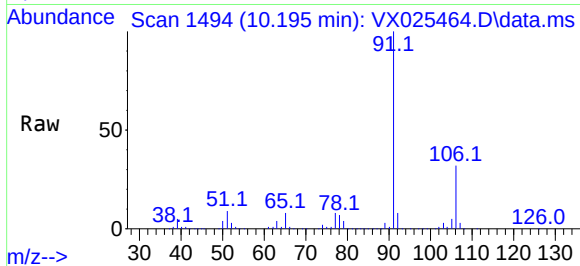
Tgt Ion:117 Resp: 175764
Ion Ratio Lower Upper
117 100
82 51.5 44.6 67.0
119 32.1 24.8 37.2





#67
Ethyl Benzene
Concen: 34.11 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

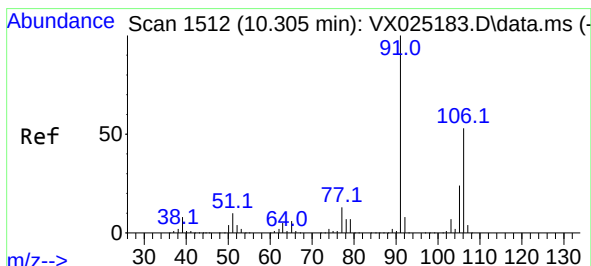
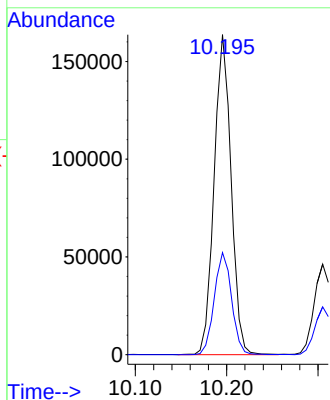
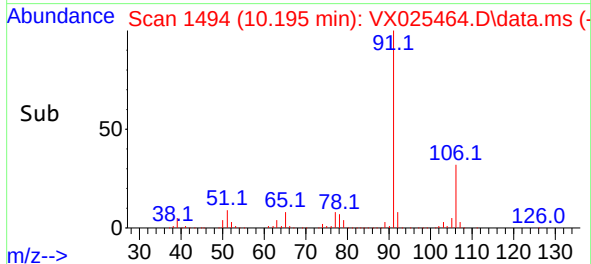
Instrument :
MSVOA_X
ClientSampleId :
MW-43



Tgt Ion: 91 Resp: 211120
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1

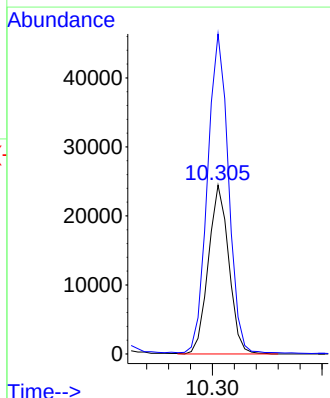
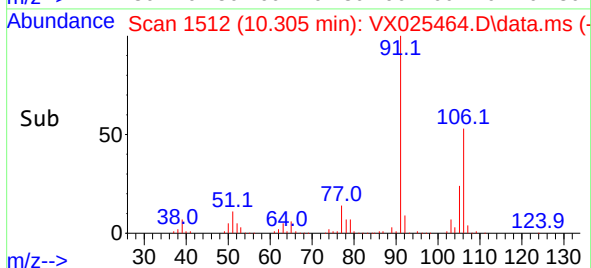
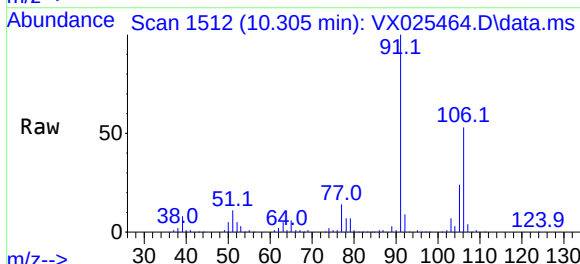
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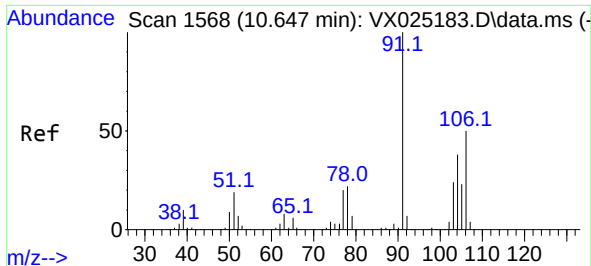
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



#68
m/p-Xylenes
Concen: 12.53 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

Tgt Ion:106 Resp: 31690
Ion Ratio Lower Upper
106 100
91 195.1 163.4 245.0





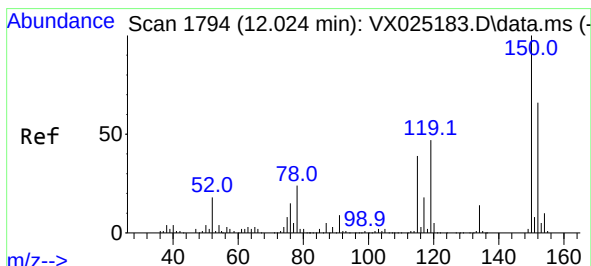
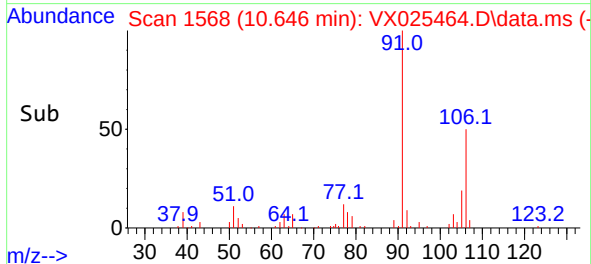
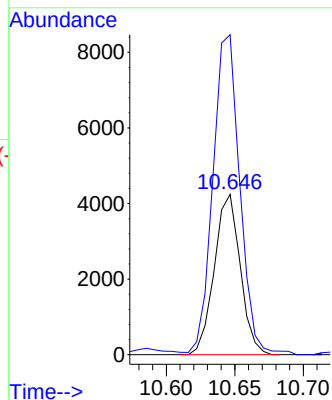
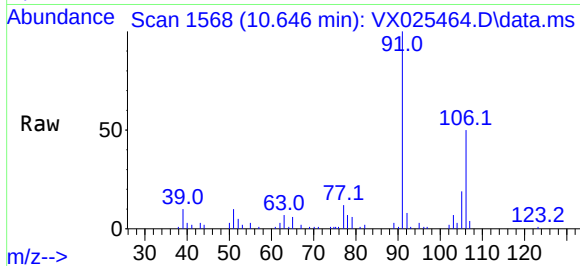
#69
o-Xylene
Concen: 2.25 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW-43

Tgt Ion:106 Resp: 557
Ion Ratio Lower Upper
106 100
91 207.5 109.5 328.4

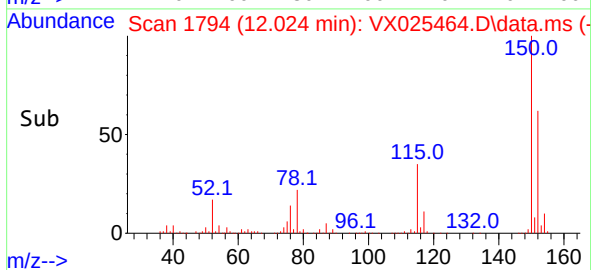
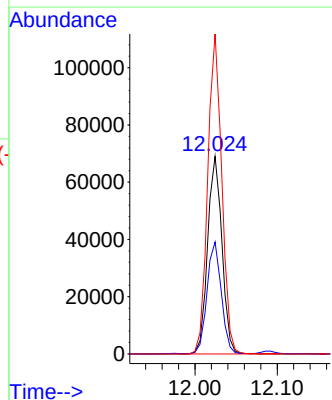
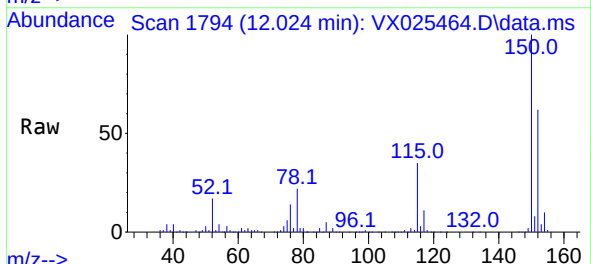
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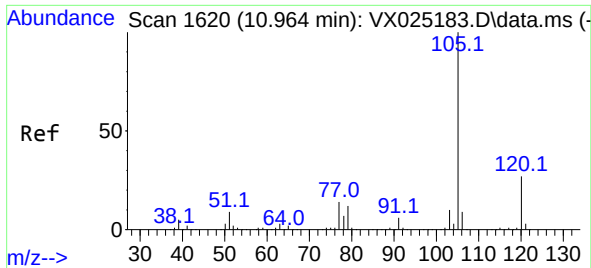
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

Tgt Ion:152 Resp: 83521
Ion Ratio Lower Upper
152 100
115 56.2 43.3 129.8
150 158.5 0.0 351.2





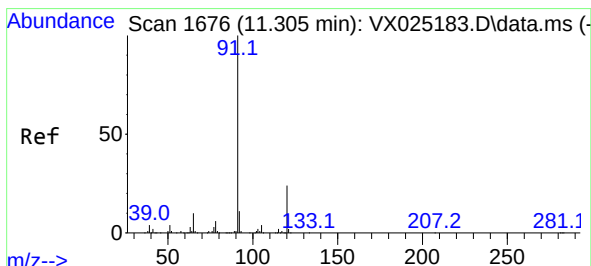
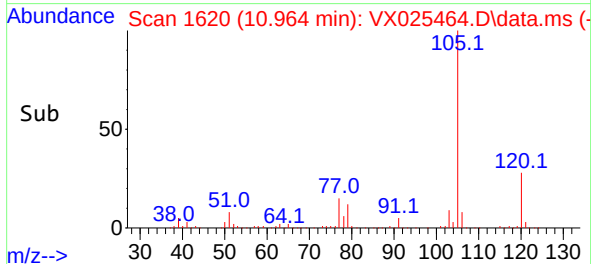
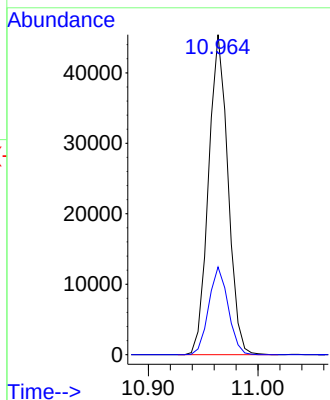
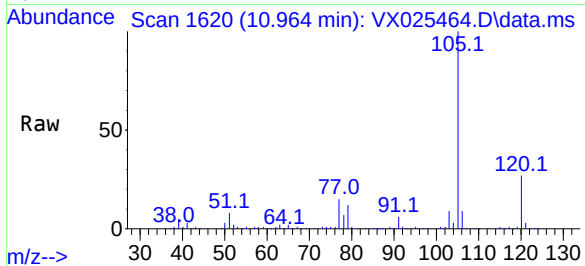
#73
Isopropylbenzene
Concen: 9.39 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW-43

Tgt Ion:105 Resp: 55880
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.8

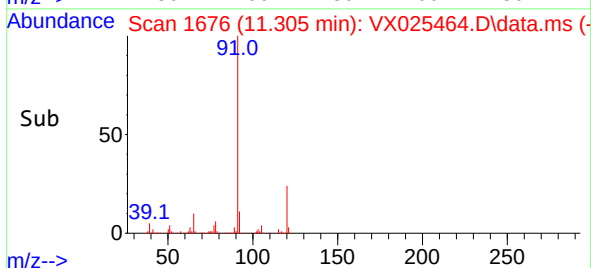
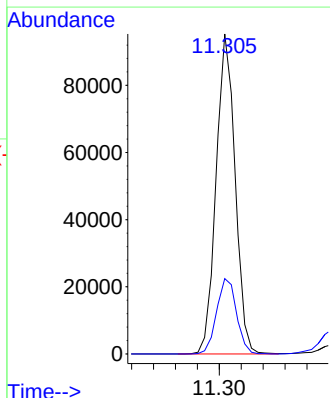
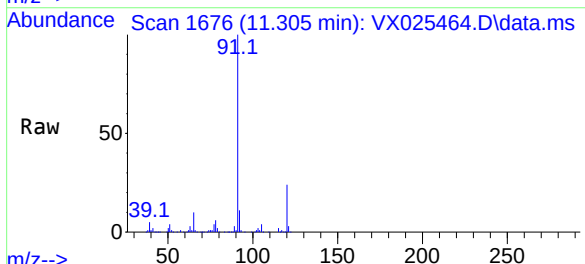
Manual Integrations
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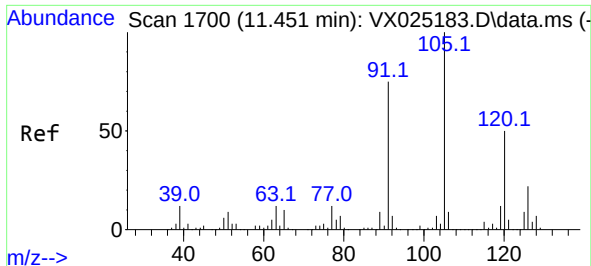
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



#78
n-propylbenzene
Concen: 17.21 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

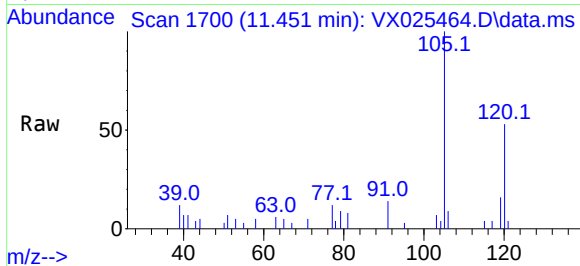
Tgt Ion: 91 Resp: 114963
Ion Ratio Lower Upper
91 100
120 24.6 11.7 35.0





#80
1,3,5-Trimethylbenzene
Concen: 0.58 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00

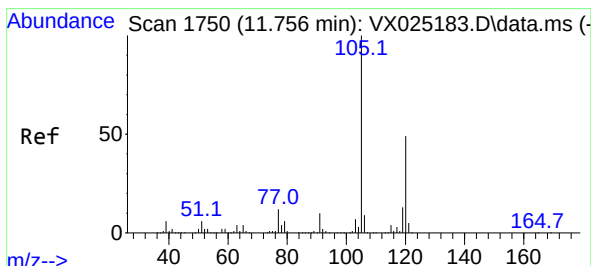
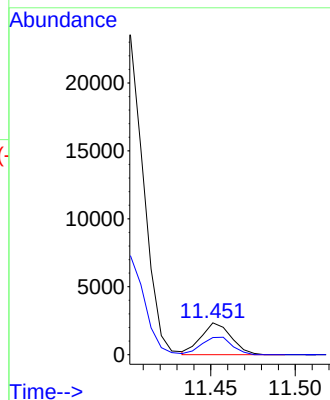
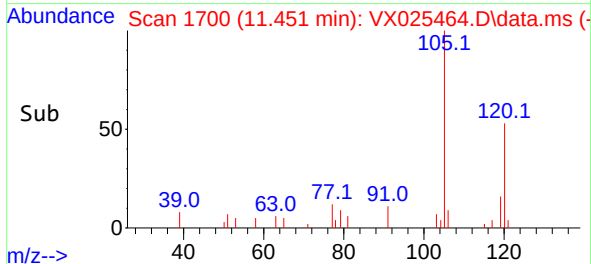
Instrument :
MSVOA_X
ClientSampleId :
MW-43



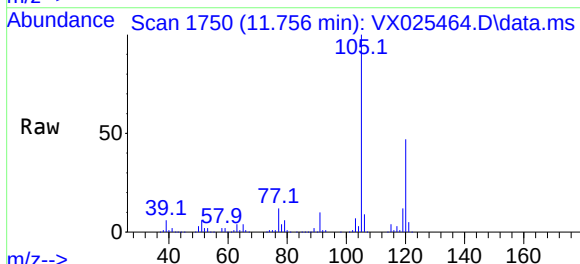
Tgt Ion:105 Resp: 290
Ion Ratio Lower Upper
105 100
120 339.0 23.8 71.5

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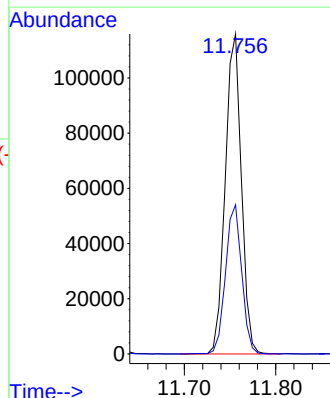
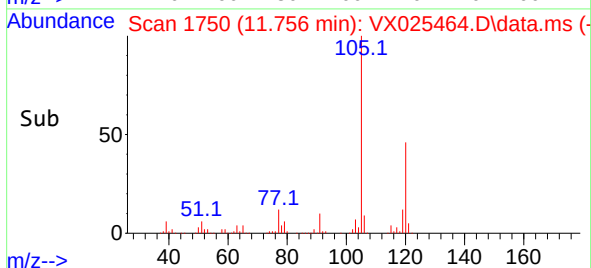
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021

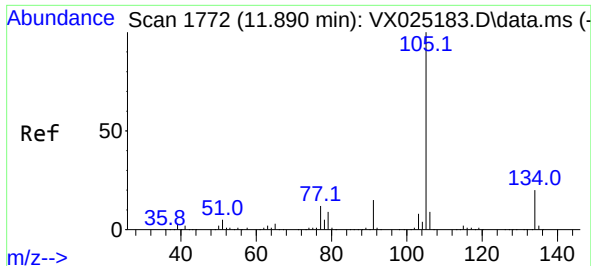


#84
1,2,4-Trimethylbenzene
Concen: 28.75 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025464.D
Acq: 03 Dec 2021 06:00



Tgt Ion:105 Resp: 142163
Ion Ratio Lower Upper
105 100
120 46.9 22.1 66.3





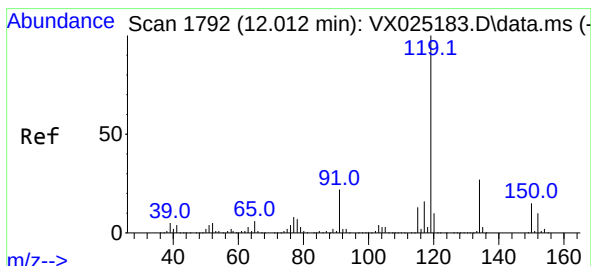
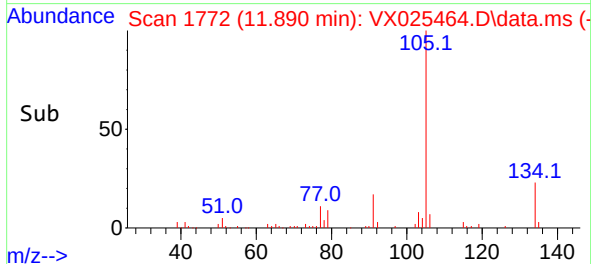
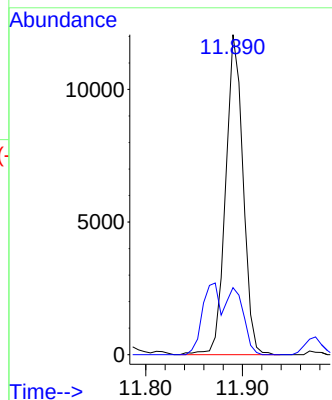
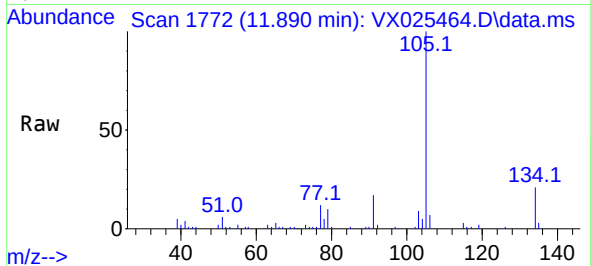
#85
 sec-Butylbenzene
 Concen: 2.44 ug/l
 RT: 11.890 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VX025464.D
 Acq: 03 Dec 2021 06:00

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-43

Tgt Ion:105 Resp: 15062
 Ion Ratio Lower Upper
 105 100
 134 23.1 10.2 30.4

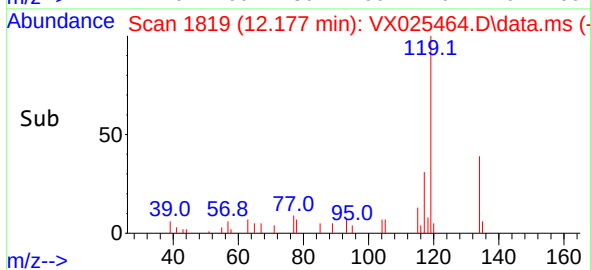
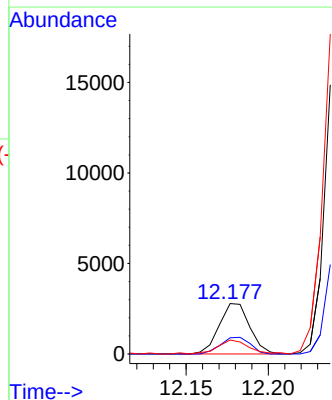
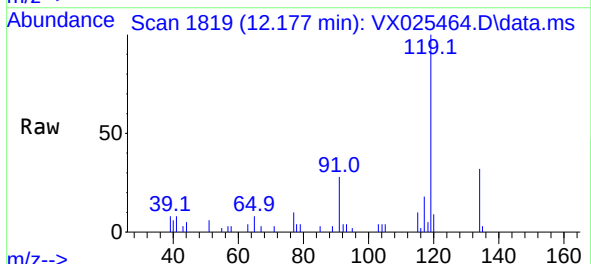
Manual Integrations
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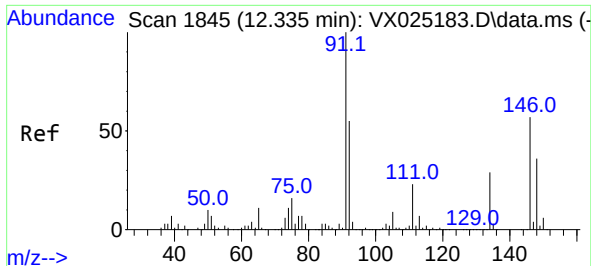
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/03/2021



#86
 p-Isopropyltoluene
 Concen: 0.68 ug/l
 RT: 12.177 min Scan# 1819
 Delta R.T. 0.165 min
 Lab File: VX025464.D
 Acq: 03 Dec 2021 06:00

Tgt Ion:119 Resp: 3612
 Ion Ratio Lower Upper
 119 100
 134 31.9 13.2 39.5
 91 28.3 12.4 37.0





#89

n-Butylbenzene

Concen: 4.15 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025464.D

Acq: 03 Dec 2021 06:00

Instrument :

MSVOA_X

ClientSampleId :

MW-43

Tgt Ion: 91 Resp: 1858

Ion Ratio Lower Upper

91 100

92 41.6 26.3 78.8

134 72.2 13.0 38.9

Manual Integrations

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Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/03/2021

