

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031586.D
 Acq On : 22 Sep 2022 21:24
 Operator : JC/MD
 Sample : N4614-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

Quant Time: Sep 23 01:51:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	85801	56.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.360%			
35) Dibromofluoromethane	5.391	113	72006	47.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	8.653	98	302936	52.210	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.420%			
62) 4-Bromofluorobenzene	11.079	95	184715	93.983	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 187.960%#			
Target Compounds					Qvalue	
16) Acetone	2.392	43	15111	12.003	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	57815	12.326	ug/l #	1
22) Diisopropyl ether	3.764	45	8718	1.904	ug/l #	69
25) 2-Butanone	4.568	43	43605	36.963	ug/l	96
31) Cyclohexane	5.471	56	167638	73.968	ug/l	95
39) Methylcyclohexane	7.385	83	104380	36.646	ug/l	93
40) Benzene	6.050	78	8568480	1240.694	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	15185	5.562	ug/l	94
52) Toluene	8.726	92	4228218	938.735	ug/l	90
59) 2-Hexanone	9.439	43	15928	7.768	ug/l	87
67) Ethyl Benzene	10.202	91	5284533	678.428	ug/l #	86
68) m/p-Xylenes	10.317	106	9026567	2883.597	ug/l #	65
69) o-Xylene	10.647	106	3224335	1079.147	ug/l	79
73) Isopropylbenzene	10.964	105	304764	31.260	ug/l	99
78) n-propylbenzene	11.305	91	929485	82.870	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1983876	239.782	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	6292616	772.270	ug/l	85
85) sec-Butylbenzene	11.890	105	63124m	6.220	ug/l	
86) p-Isopropyltoluene	12.012	119	48266m	5.632	ug/l	
95) Naphthalene	13.780	128	3063634	327.343	ug/l	98

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

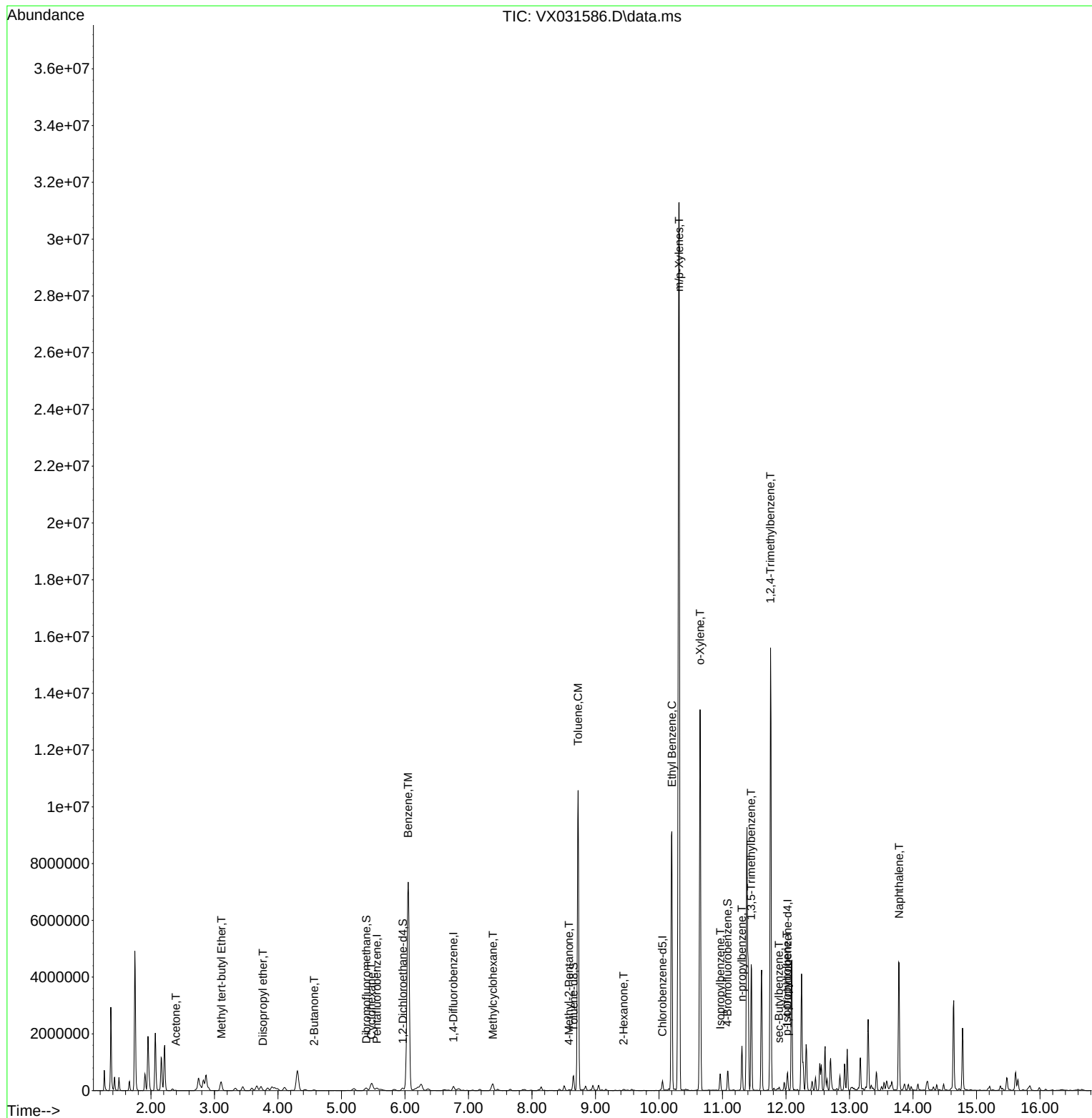
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031586.D
Acq On : 22 Sep 2022 21:24
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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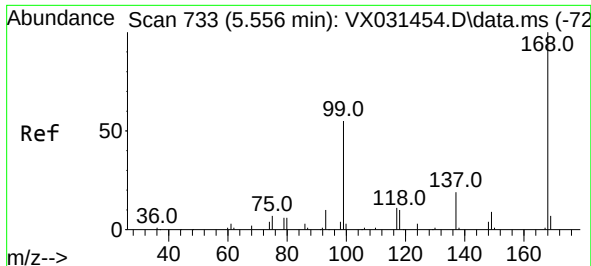
Instrument :
MSVOA_X
ClientSampleId :
MW-41

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Supervised By :Mahesh Dadoda 09/24/2022

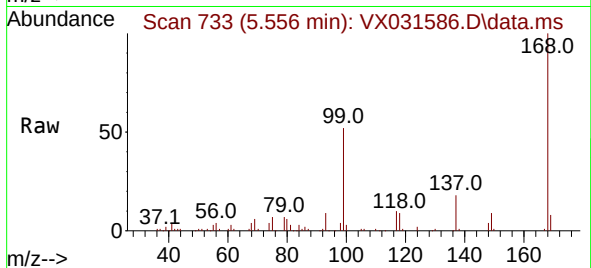
Quant Time: Sep 23 01:51:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

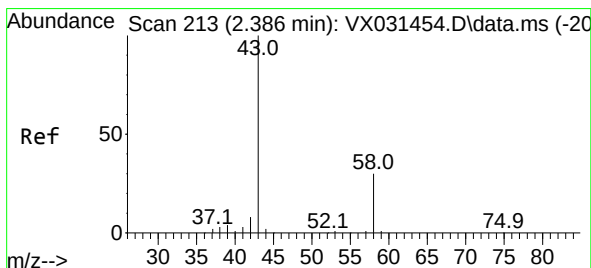
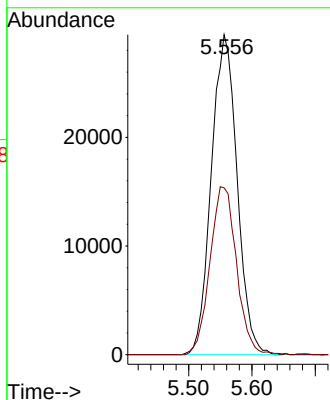
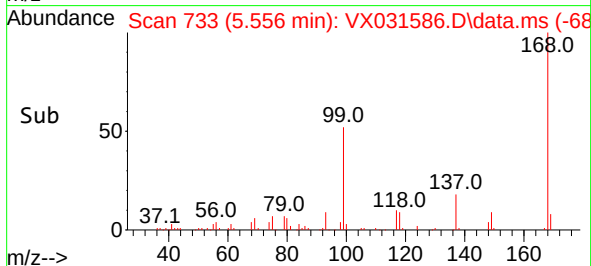
Instrument :
MSVOA_X
ClientSampleId :
MW-41



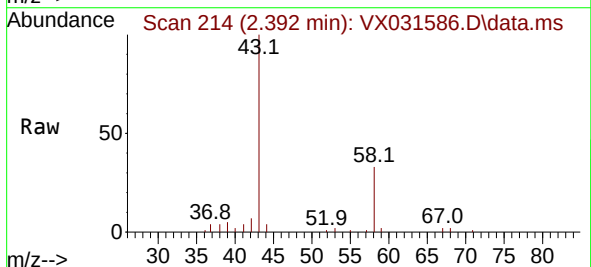
Tgt Ion:168 Resp: 83320
Ion Ratio Lower Upper
168 100
99 52.1 48.8 73.2

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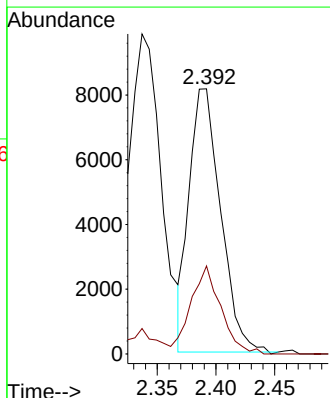
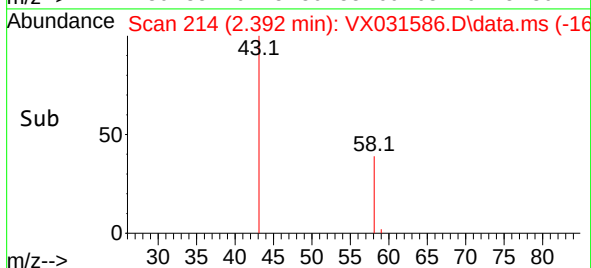
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

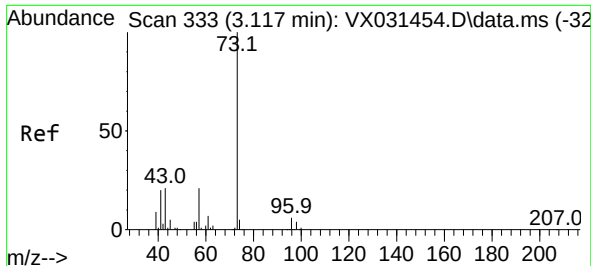


#16
Acetone
Concen: 12.003 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24



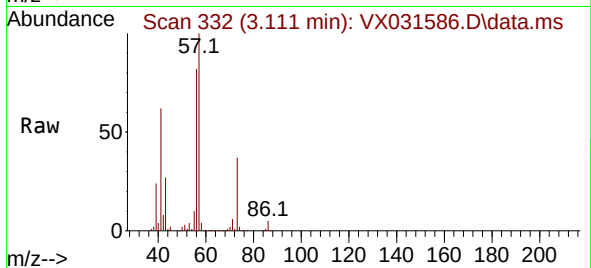
Tgt Ion: 43 Resp: 15111
Ion Ratio Lower Upper
43 100
58 33.4 23.8 35.8





#19
Methyl tert-butyl Ether
Concen: 12.326 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

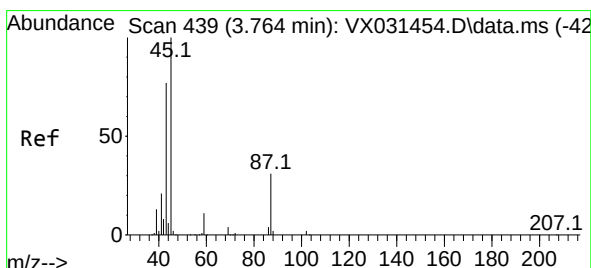
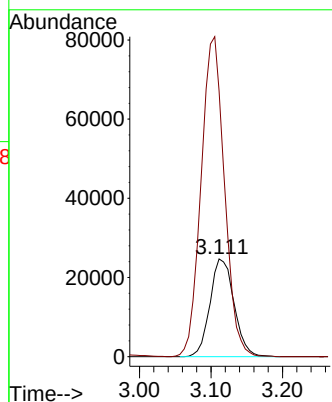
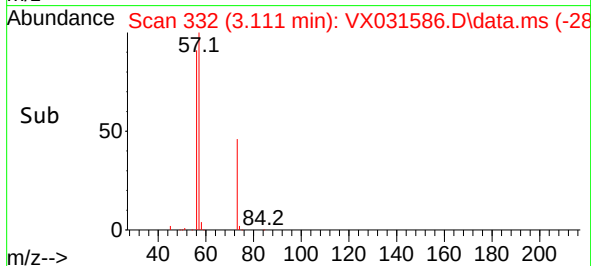
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion: 73 Resp: 5781
Ion Ratio Lower Upper
73 100
57 271.9 17.2 25.8

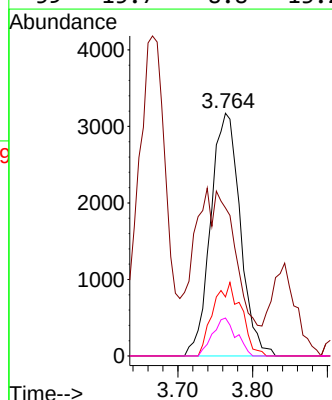
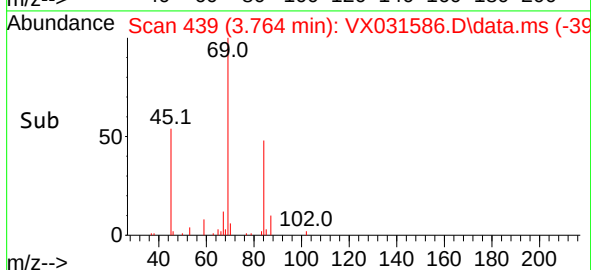
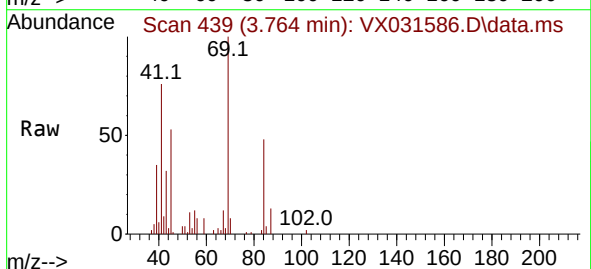
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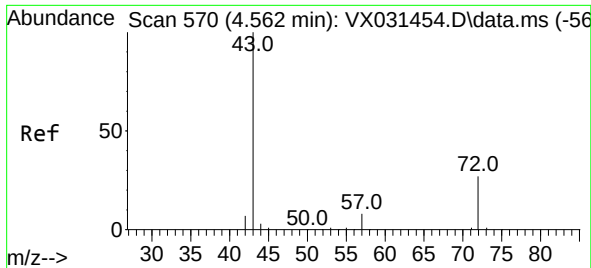
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#22
Diisopropyl ether
Concen: 1.904 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

Tgt Ion: 45 Resp: 8718
Ion Ratio Lower Upper
45 100
43 37.3 59.0 88.6#
87 24.3 22.6 33.8
59 15.7 8.8 13.2#





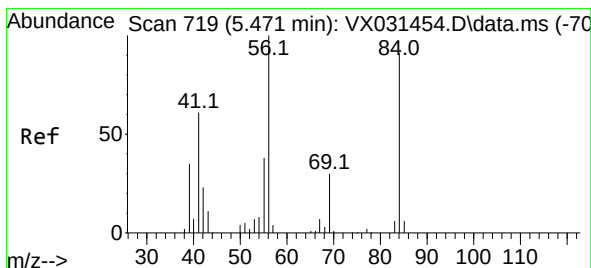
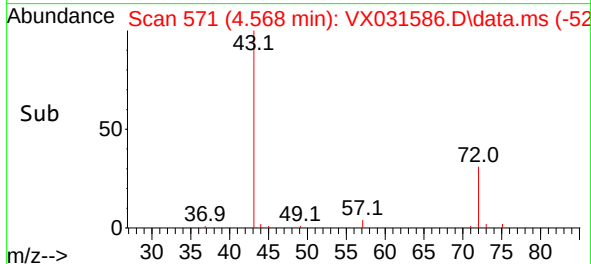
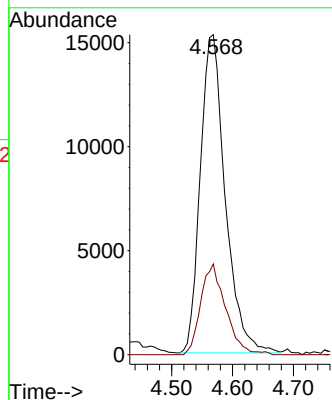
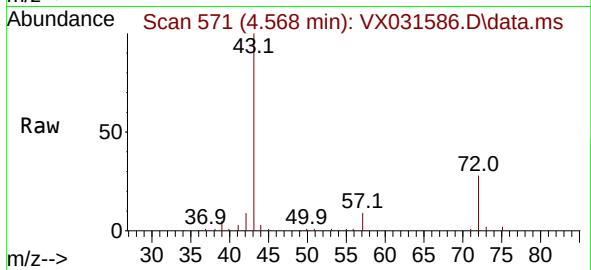
#25
2-Butanone
Concen: 36.963 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
72 28.5 21.1 31.7

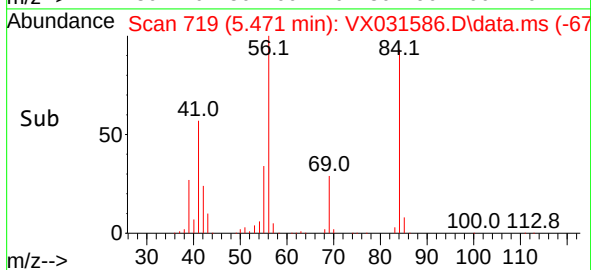
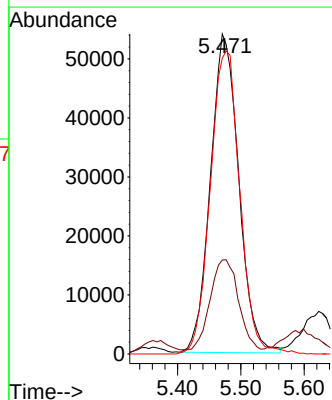
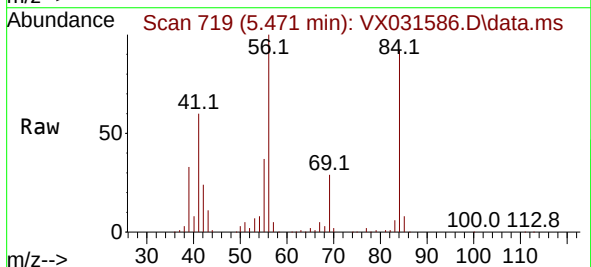
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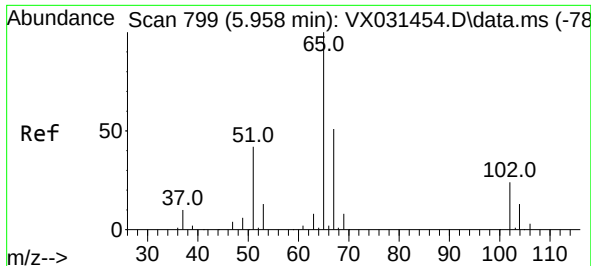
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#31
Cyclohexane
Concen: 73.968 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

Tgt Ion: 56 Resp: 167638
Ion Ratio Lower Upper
56 100
69 28.2 25.1 37.7
84 92.6 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 56.180 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031586.D

Acq: 22 Sep 2022 21:24

Instrument :

MSVOA_X

ClientSampleId :

MW-41

Tgt Ion: 65 Resp: 8580

Ion Ratio Lower Upper

65 100

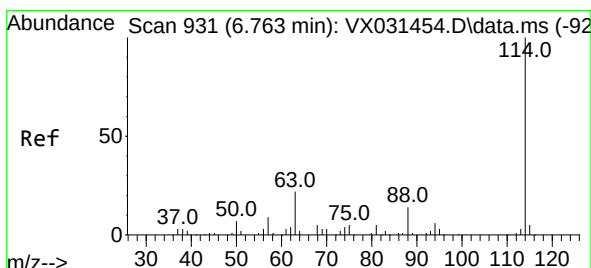
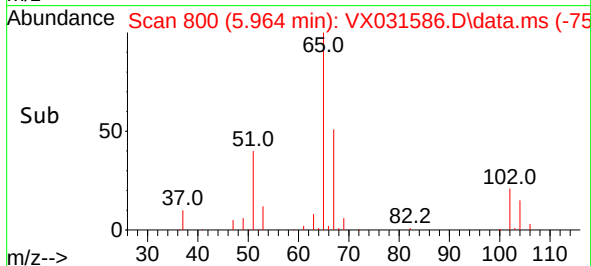
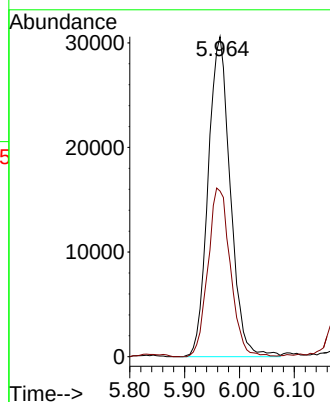
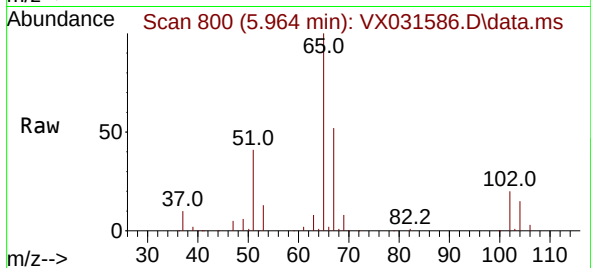
67 53.3 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031586.D

Acq: 22 Sep 2022 21:24

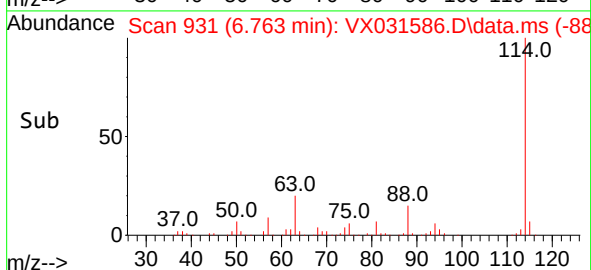
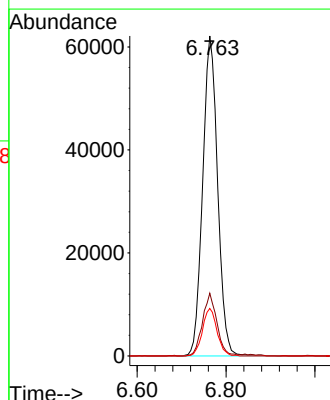
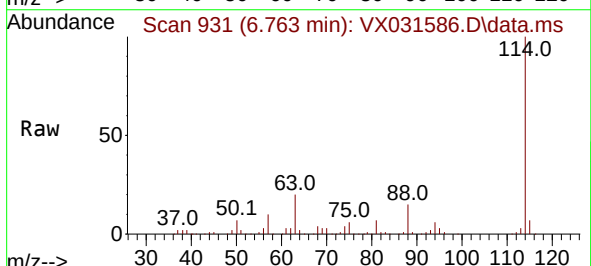
Tgt Ion:114 Resp: 145636

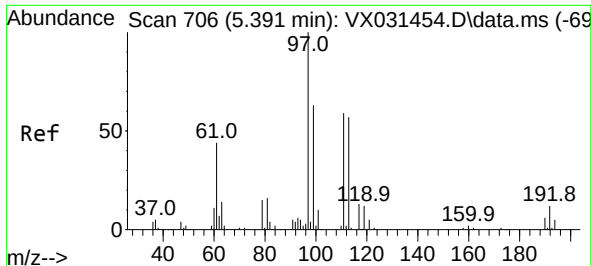
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

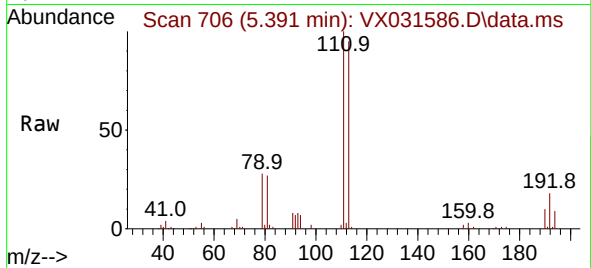
88 14.9 0.0 33.0





#35
Dibromofluoromethane
Concen: 47.803 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

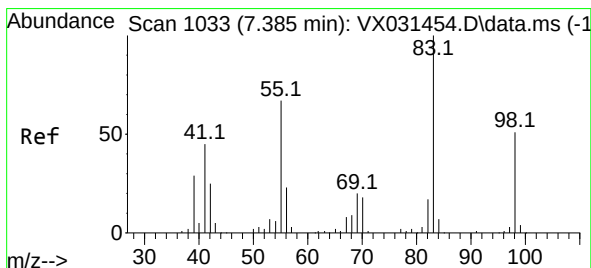
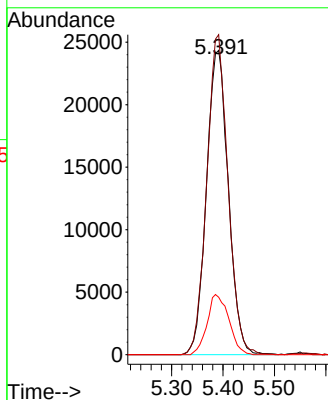
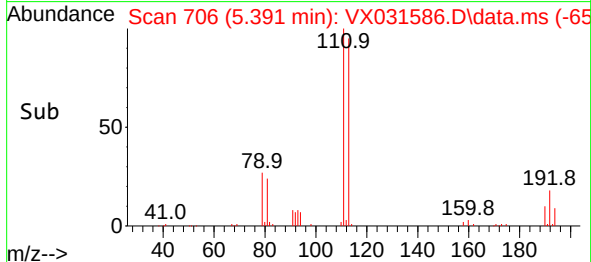
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion: 113 Resp: 72000
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.6 14.1 21.1

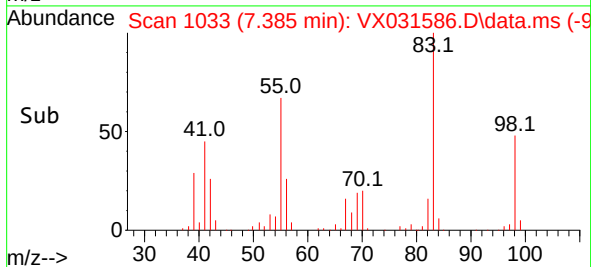
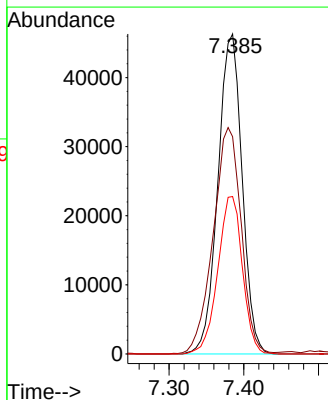
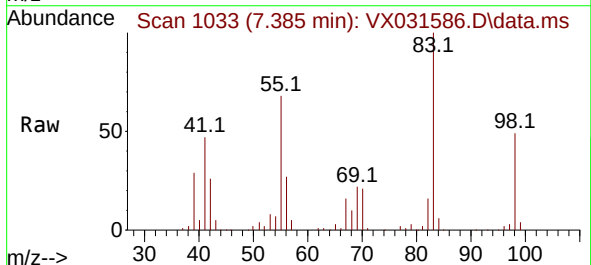
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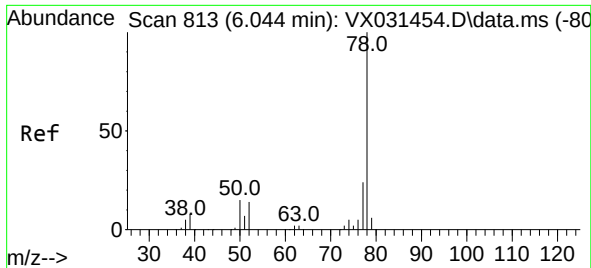
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#39
Methylcyclohexane
Concen: 36.646 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

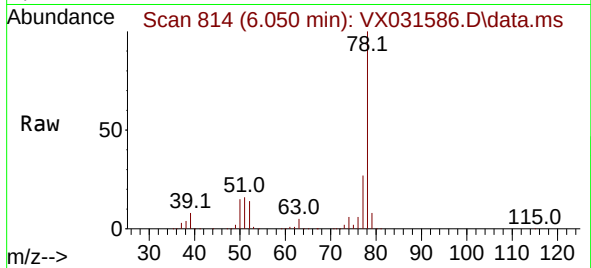
Tgt Ion: 83 Resp: 104380
Ion Ratio Lower Upper
83 100
55 67.8 61.0 91.4
98 49.2 37.7 56.5





#40
Benzene
Concen: 1240.694 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

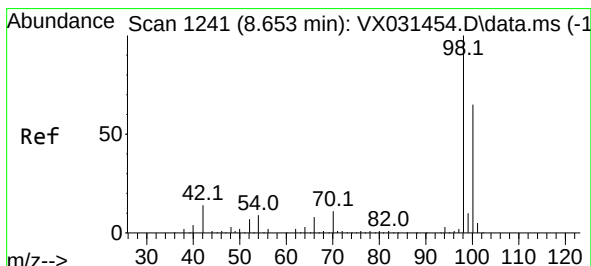
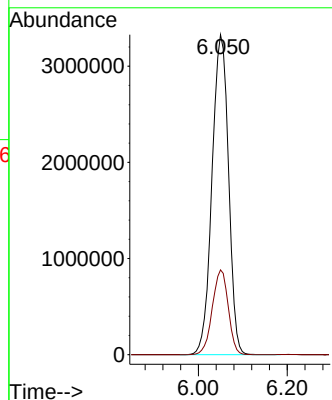
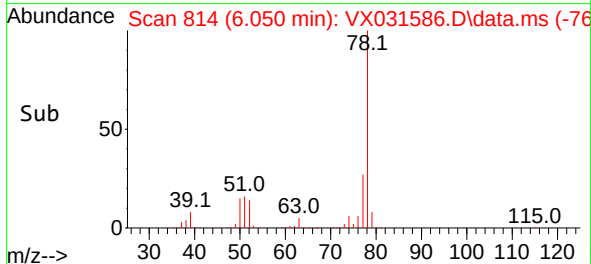
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Tgt Ion: 78 Resp: 8568480
Ion Ratio Lower Upper
78 100
77 26.5 18.7 28.1

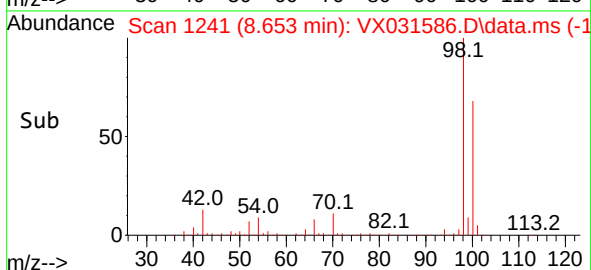
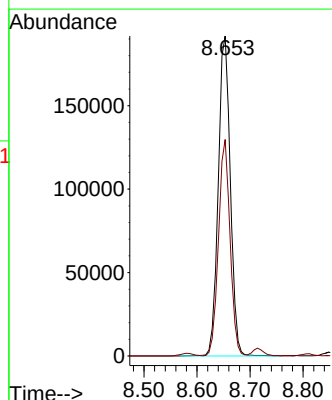
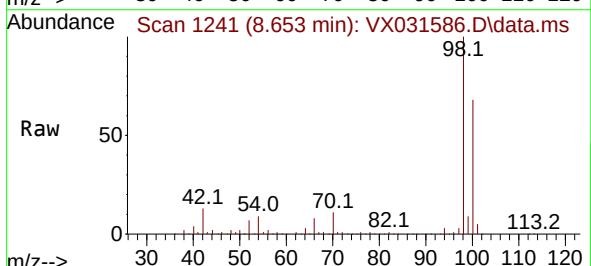
Manual Integrations
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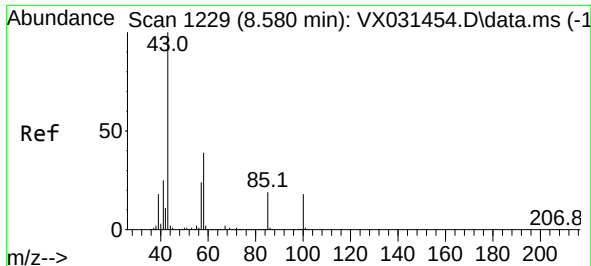
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#50
Toluene-d8
Concen: 52.210 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

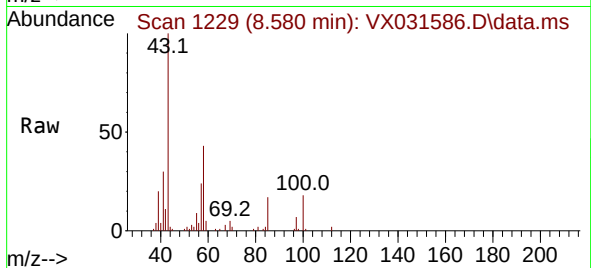
Tgt Ion: 98 Resp: 302936
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 5.562 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

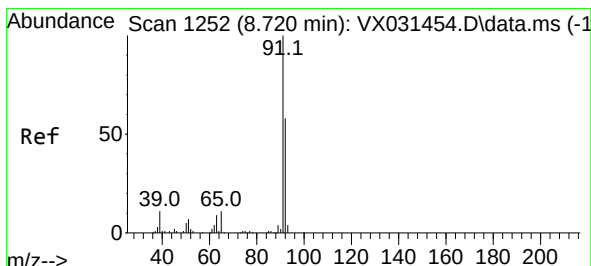
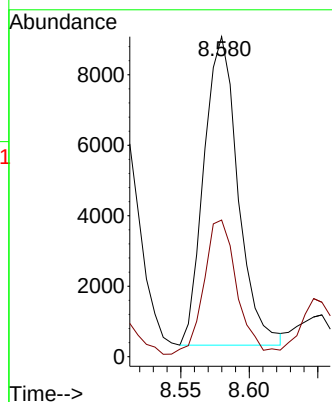
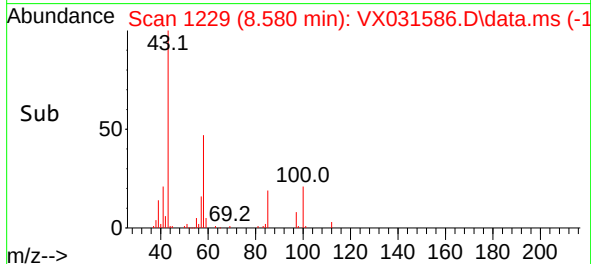
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
58 41.8 30.6 46.0

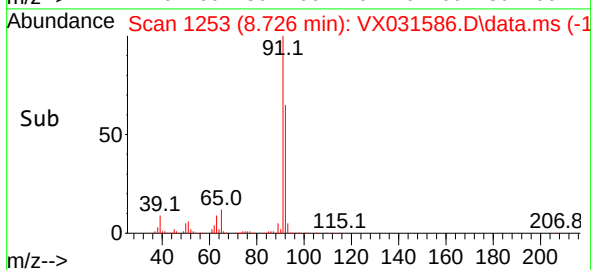
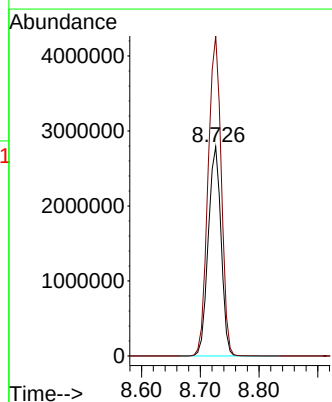
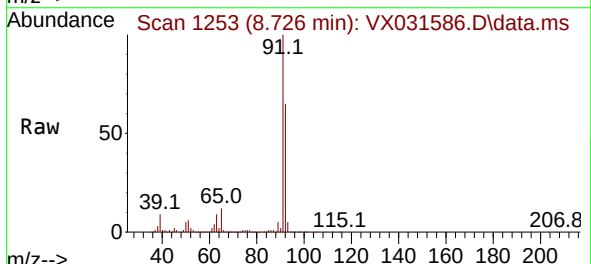
Manual Integrations
APPROVED

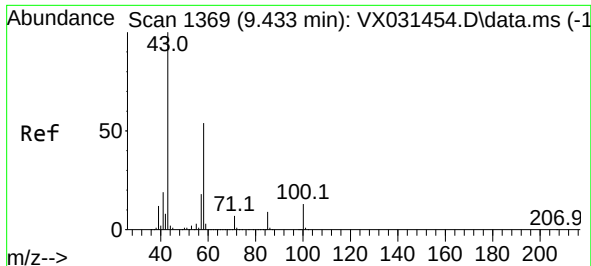
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#52
Toluene
Concen: 938.735 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

Tgt Ion: 92 Resp: 4228218
Ion Ratio Lower Upper
92 100
91 157.4 137.1 205.7





#59

2-Hexanone

Concen: 7.768 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX031586.D

Acq: 22 Sep 2022 21:24

Instrument :

MSVOA_X

ClientSampleId :

MW-41

Tgt Ion: 43 Resp: 15928

Ion Ratio Lower Upper

43 100

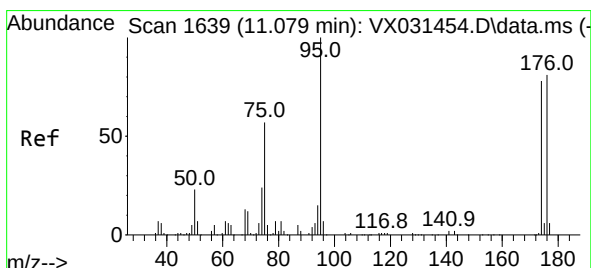
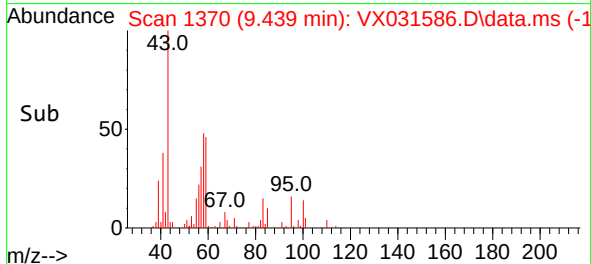
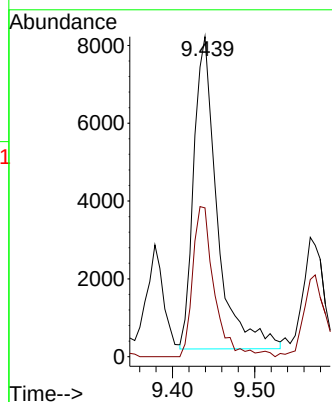
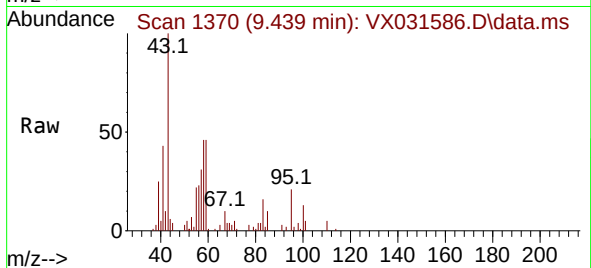
58 44.4 26.7 80.0

Manual Integrations

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Reviewed By :Krupa Patel 09/24/2022

Supervised By :Mahesh Dadoda 09/24/2022



#62

4-Bromofluorobenzene

Concen: 93.983 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031586.D

Acq: 22 Sep 2022 21:24

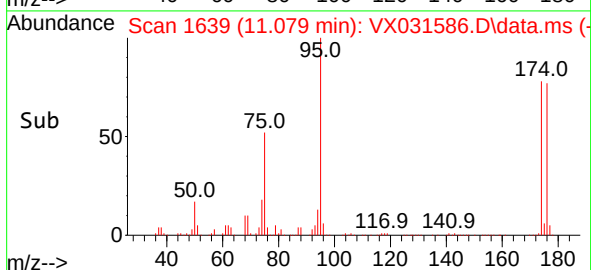
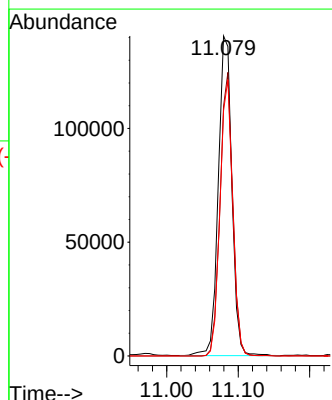
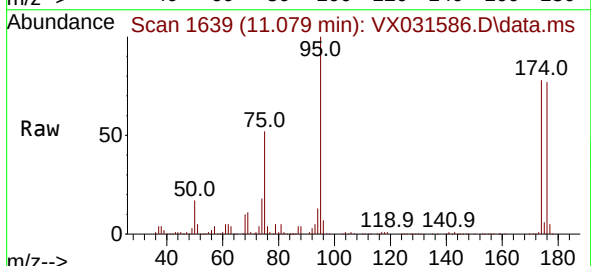
Tgt Ion: 95 Resp: 184715

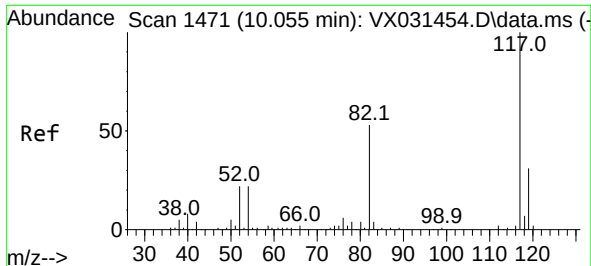
Ion Ratio Lower Upper

95 100

174 83.2 0.0 153.2

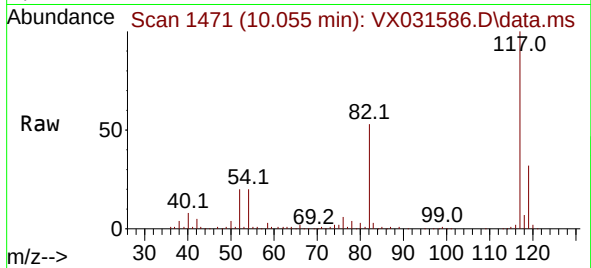
176 81.4 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

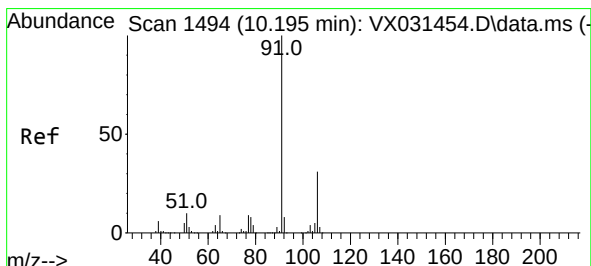
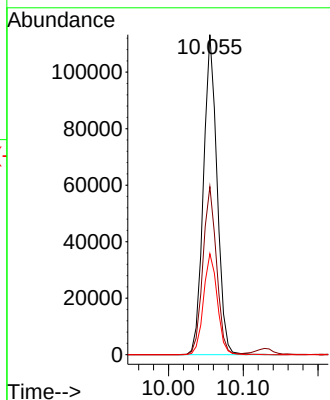
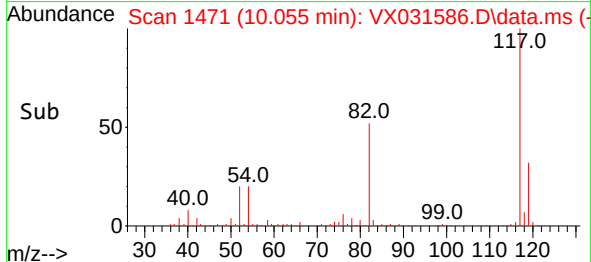
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion:117 Resp: 143063
Ion Ratio Lower Upper
117 100
82 52.5 46.8 70.2
119 31.6 26.4 39.6

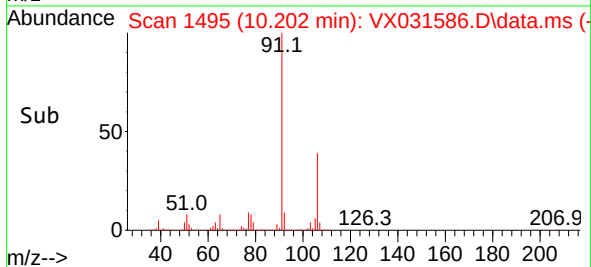
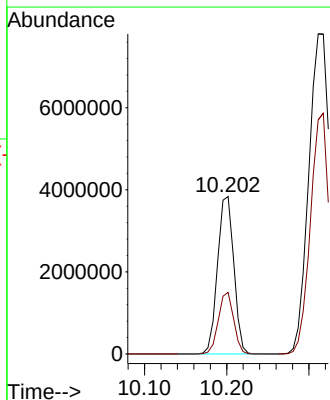
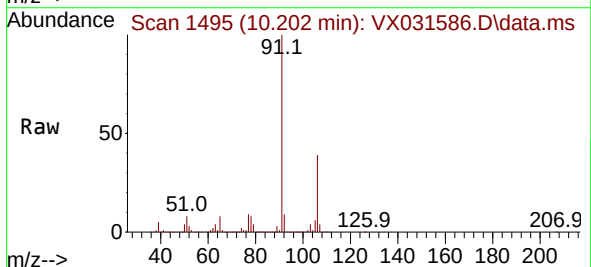
Manual Integrations
APPROVED

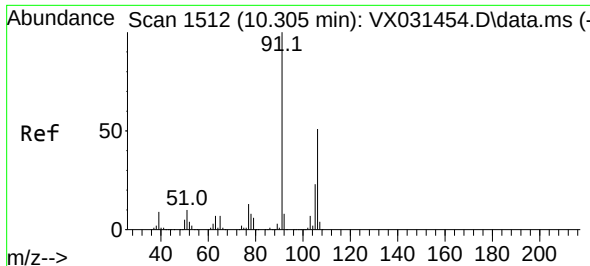
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#67
Ethyl Benzene
Concen: 678.428 ug/l
RT: 10.202 min Scan# 1495
Delta R.T. 0.007 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

Tgt Ion: 91 Resp: 5284533
Ion Ratio Lower Upper
91 100
106 39.1 25.2 37.8#





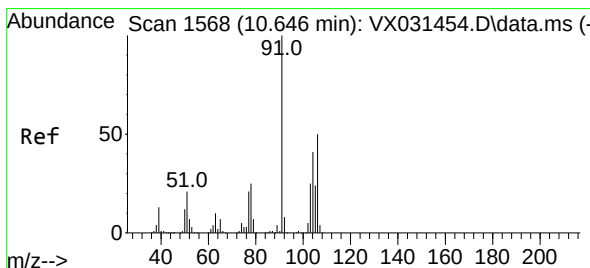
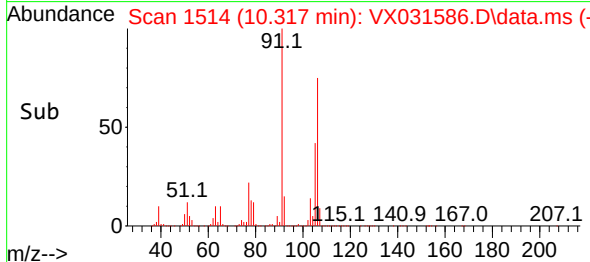
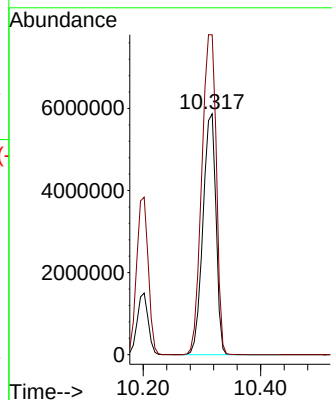
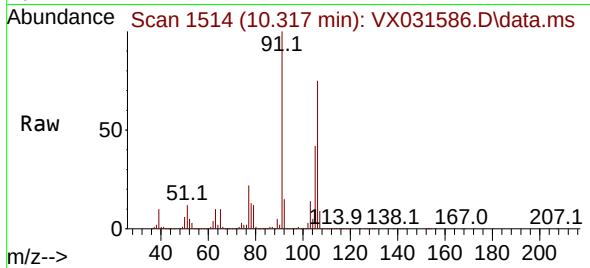
#68
m/p-Xylenes
Concen: 2883.597 ug/l
RT: 10.317 min Scan# 1512
Delta R.T. 0.012 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion:106 Resp: 902656
Ion Ratio Lower Upper
106 100
91 148.1 161.0 241.4

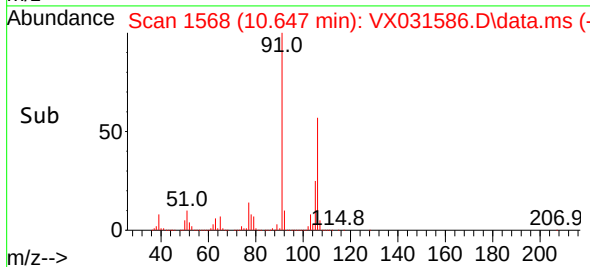
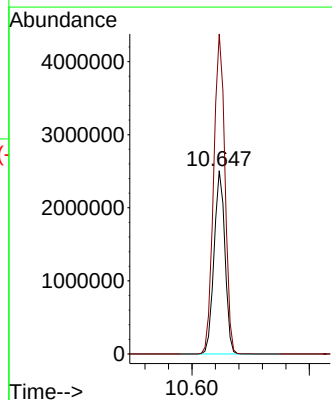
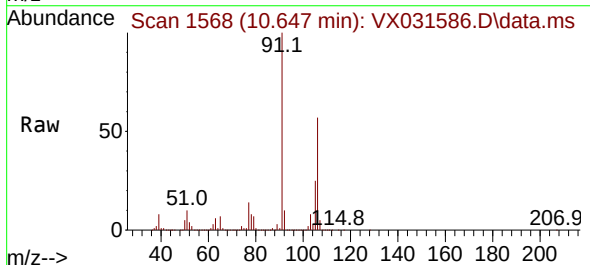
Manual Integrations
APPROVED

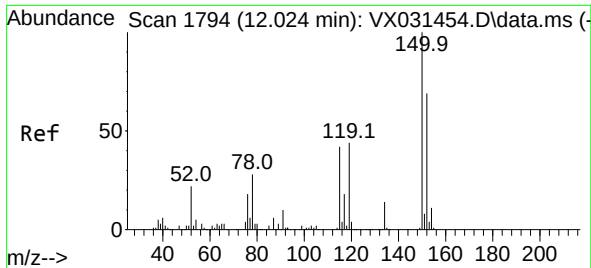
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#69
o-Xylene
Concen: 1079.147 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

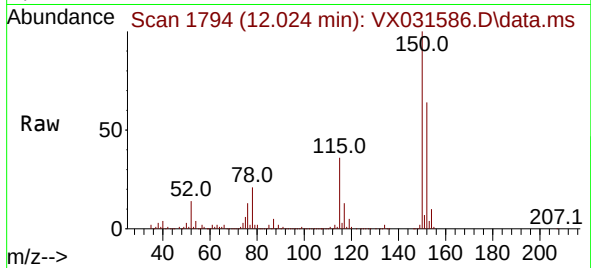
Tgt Ion:106 Resp: 3224335
Ion Ratio Lower Upper
106 100
91 181.4 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

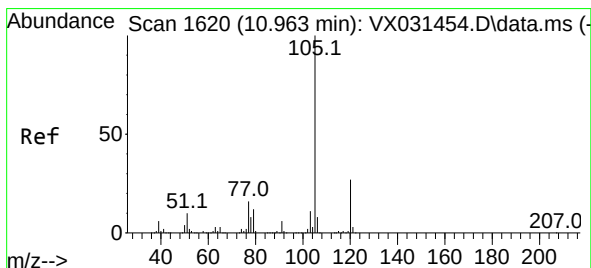
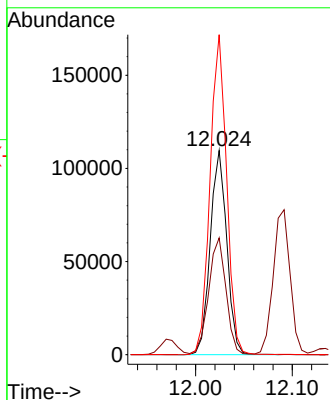
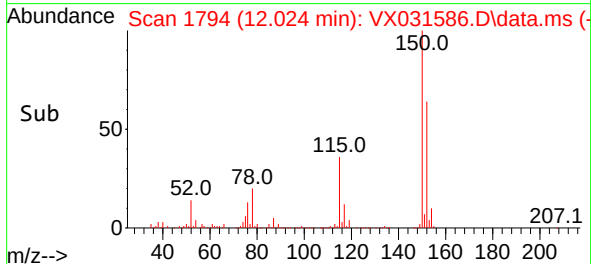
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion:152 Resp: 13055
Ion Ratio Lower Upper
152 100
115 59.0 43.4 130.1
150 156.5 0.0 346.8

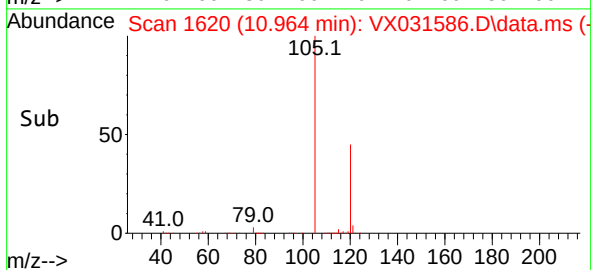
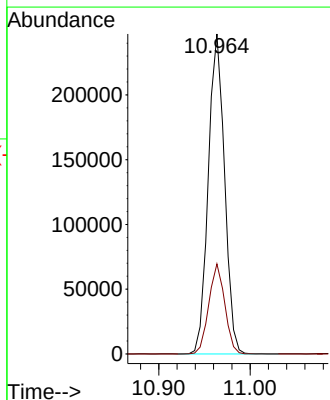
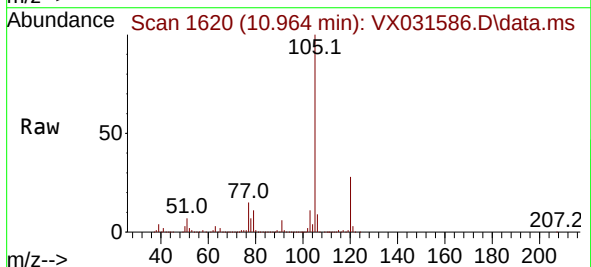
Manual Integrations
APPROVED

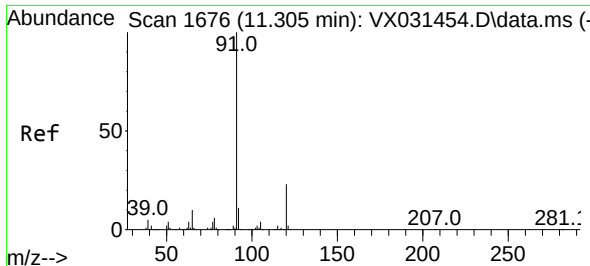
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#73
Isopropylbenzene
Concen: 31.260 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

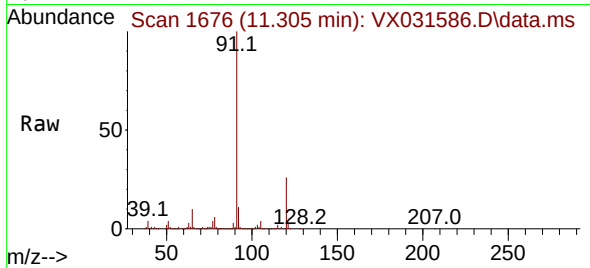
Tgt Ion:105 Resp: 304764
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.0





#78
n-propylbenzene
Concen: 82.870 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

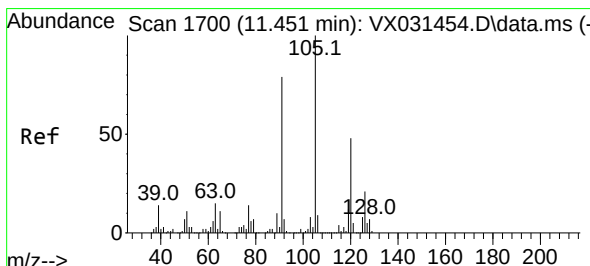
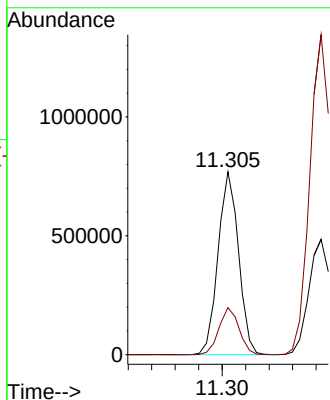
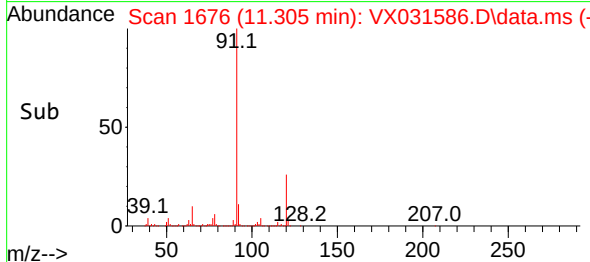
Instrument :
MSVOA_X
ClientSampleId :
MW-41



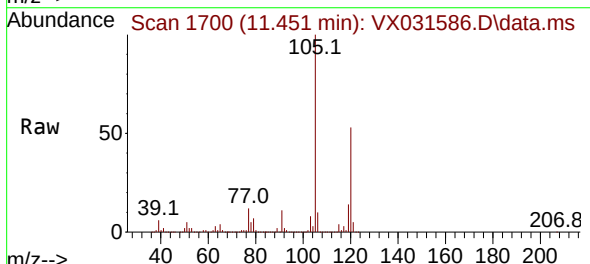
Tgt Ion: 91 Resp: 929485
Ion Ratio Lower Upper
91 100
120 25.3 11.8 35.4

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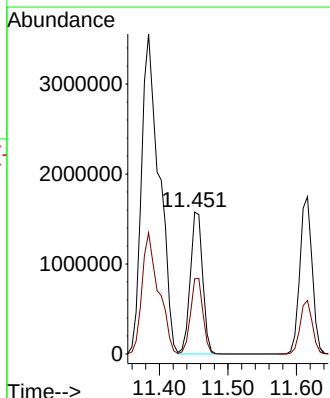
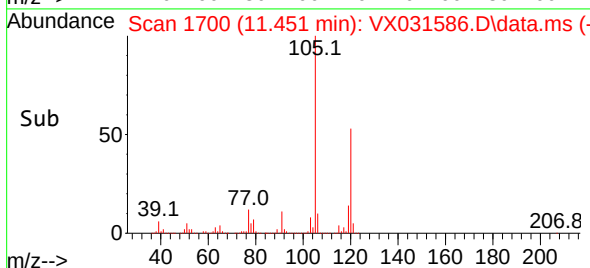
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

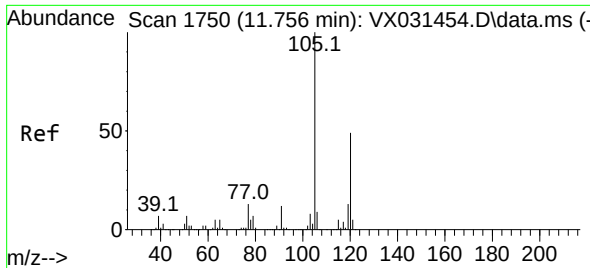


#80
1,3,5-Trimethylbenzene
Concen: 239.782 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24



Tgt Ion:105 Resp: 1983876
Ion Ratio Lower Upper
105 100
120 53.1 24.5 73.5





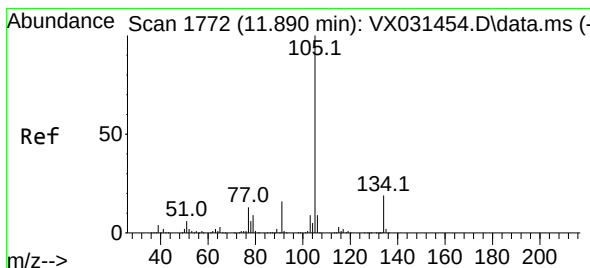
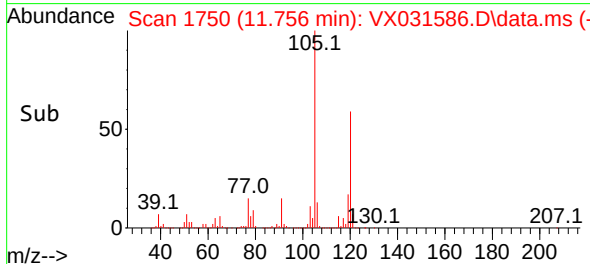
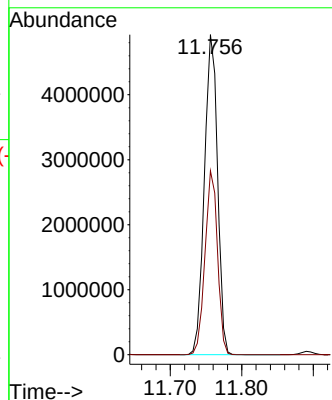
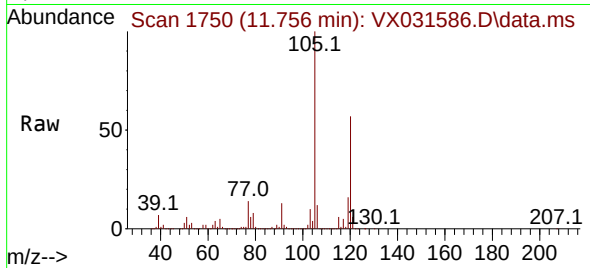
#84
1,2,4-Trimethylbenzene
Concen: 772.270 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion:105 Resp: 6292610
Ion Ratio Lower Upper
105 100
120 54.7 22.6 67.8

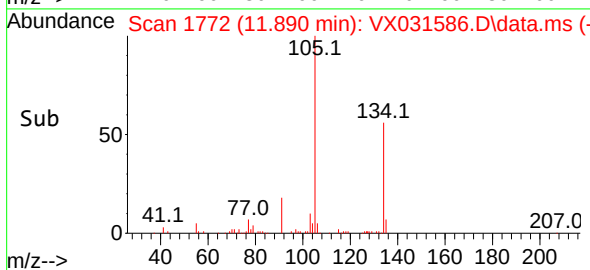
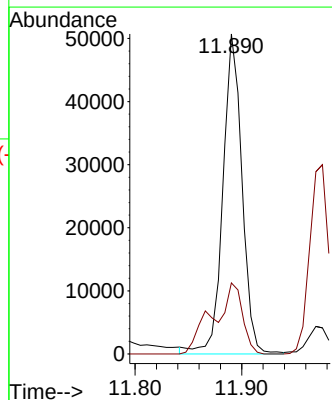
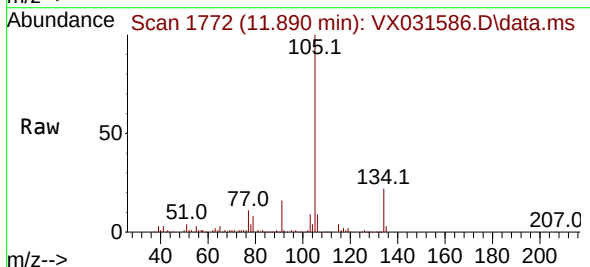
Manual Integrations
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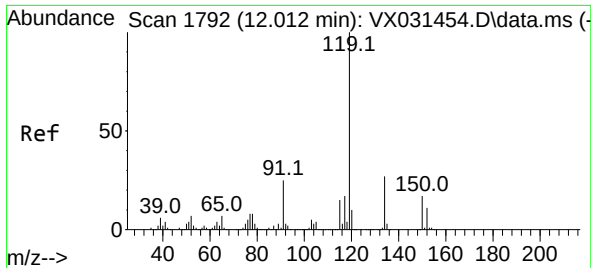
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#85
sec-Butylbenzene
Concen: 6.220 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

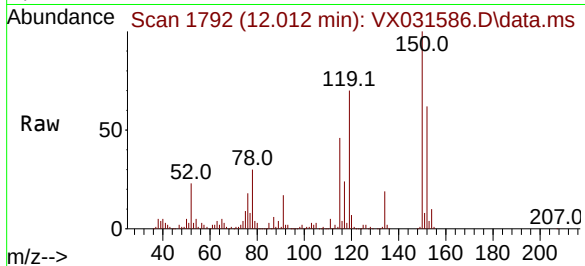
Tgt Ion:105 Resp: 63124
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 5.632 ug/l m
RT: 12.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24

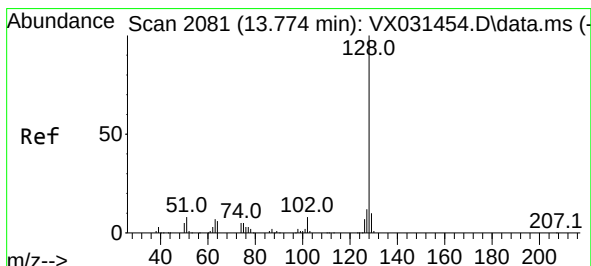
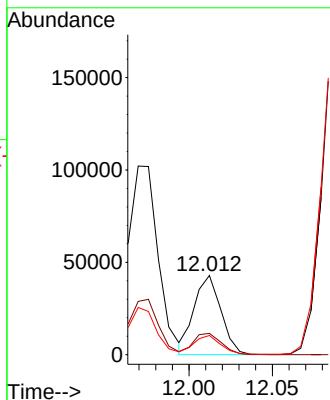
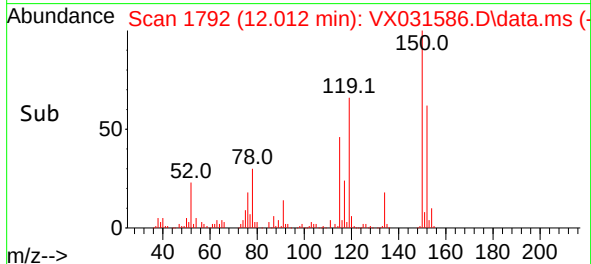
Instrument :
MSVOA_X
ClientSampleId :
MW-41



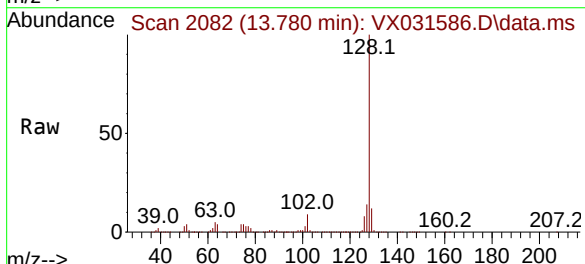
Tgt Ion:119 Resp: 48260
Ion Ratio Lower Upper
119 100
134 78.1 13.4 40.2
91 64.3 12.4 37.2

Manual Integrations
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Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#95
Naphthalene
Concen: 327.343 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031586.D
Acq: 22 Sep 2022 21:24



Tgt Ion:128 Resp: 3063634
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.7 8.8 13.2

