

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031529.D
 Acq On : 21 Sep 2022 17:03
 Operator : JC/MD
 Sample : N4614-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6R

Quant Time: Sep 22 01:14:35 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	137970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84564	55.935	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.880%			
35) Dibromofluoromethane	5.385	113	70451	49.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.780%			
50) Toluene-d8	8.653	98	302573	55.045	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.080%			
62) 4-Bromofluorobenzene	11.085	95	119067	63.948	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 127.900%#			
Target Compounds					Qvalue	
16) Acetone	2.386	43	12179	7.090	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	69234	14.912	ug/l #	1
22) Diisopropyl ether	3.758	45	6240	1.376	ug/l #	81
25) 2-Butanone	4.574	43	12908	11.054	ug/l	90
31) Cyclohexane	5.477	56	141907	63.259	ug/l	94
39) Methylcyclohexane	7.379	83	163626	60.638	ug/l	97
40) Benzene	6.050	78	6974538	1066.008	ug/l	94
52) Toluene	8.720	92	96819	22.690	ug/l	100
65) Chlorobenzene	10.086	112	3986	1.000	ug/l	100
67) Ethyl Benzene	10.201	91	5658492	804.148	ug/l #	85
68) m/p-Xylenes	10.305	106	349671	123.654	ug/l	98
69) o-Xylene	10.647	106	69346	25.692	ug/l	99
73) Isopropylbenzene	10.964	105	815750	138.883	ug/l	100
78) n-propylbenzene	11.305	91	2709622	400.980	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	145810	29.252	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	558269	113.721	ug/l	97
85) sec-Butylbenzene	11.890	105	104461	17.085	ug/l	98
86) p-Isopropyltoluene	12.012	119	12925m	2.503	ug/l	
89) n-Butylbenzene	12.335	91	170057	38.668	ug/l #	60
95) Naphthalene	13.780	128	4167555	739.107	ug/l	97

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

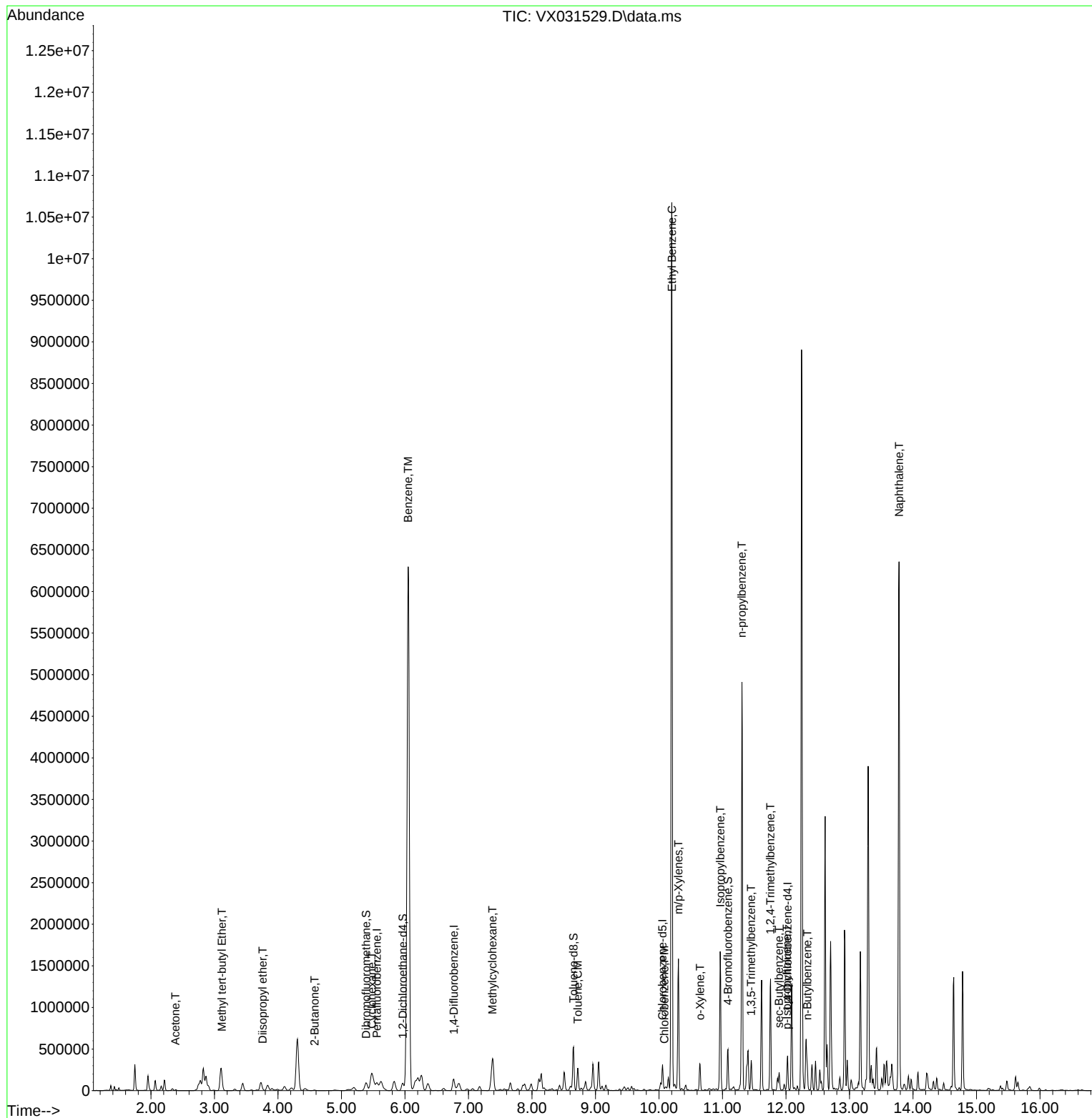
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031529.D
Acq On : 21 Sep 2022 17:03
Operator : JC/MD
Sample : N4614-06
Misc : 5.0mL/MSVOA_X/WATER
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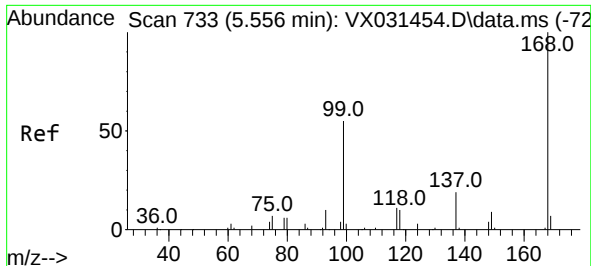
Instrument :
MSVOA_X
ClientSampleId :
MW-6R

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Supervised By :Mahesh Dadoda 09/22/2022

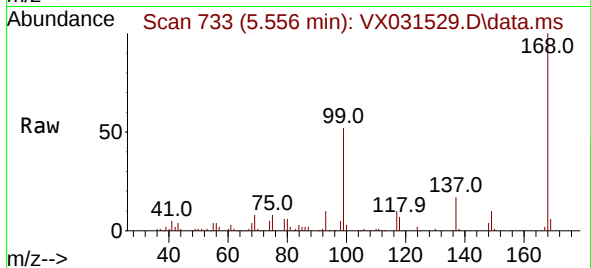
Quant Time: Sep 22 01:14:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

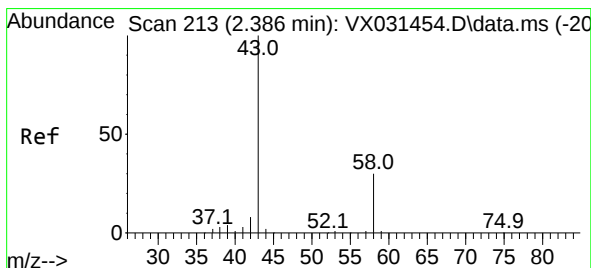
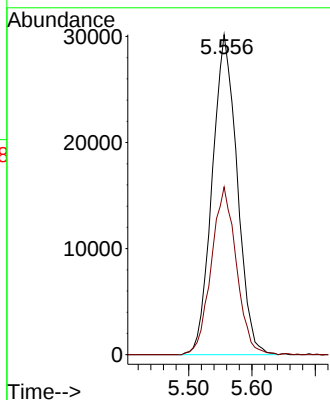
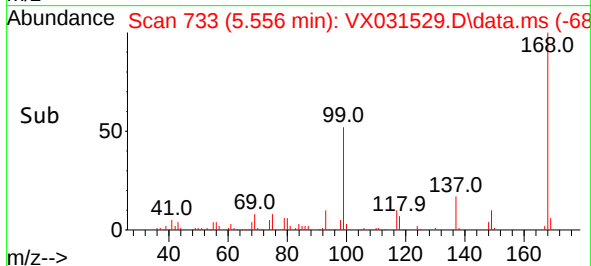
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



Tgt Ion:168 Resp: 8247
Ion Ratio Lower Upper
168 100
99 52.4 48.8 73.2

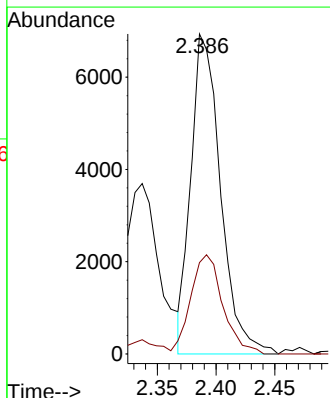
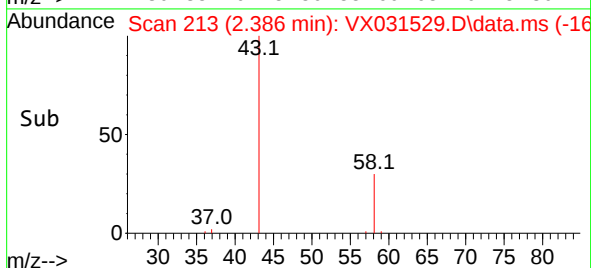
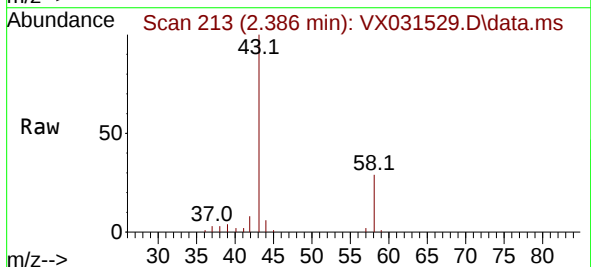
Manual Integrations
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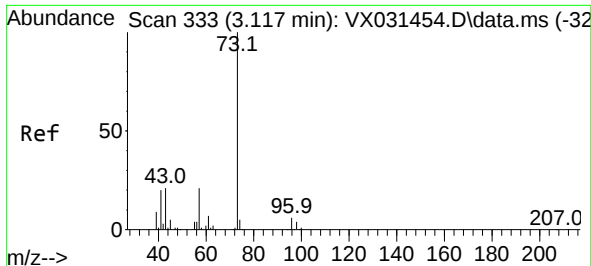
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#16
Acetone
Concen: 7.090 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

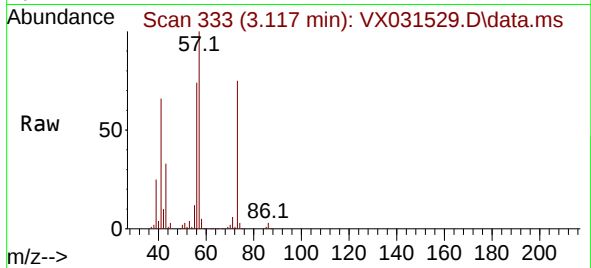
Tgt Ion: 43 Resp: 12179
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.8





#19
Methyl tert-butyl Ether
Concen: 14.912 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

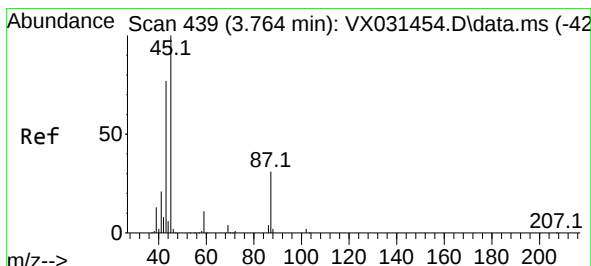
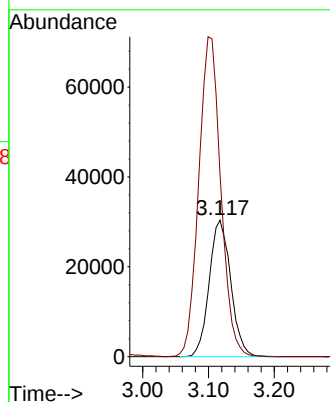
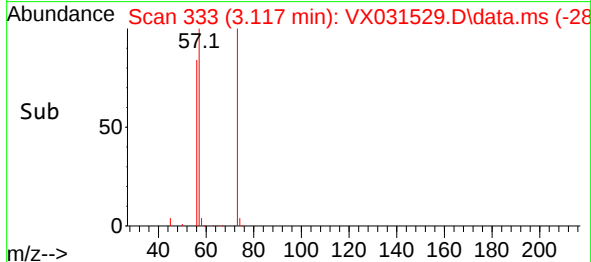
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



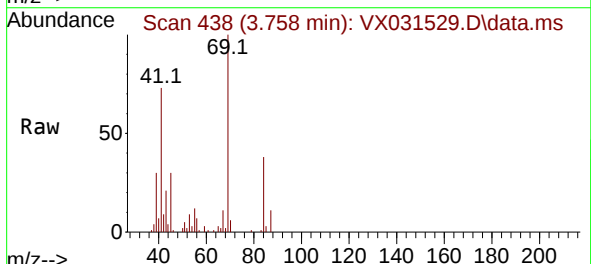
Tgt Ion: 73 Resp: 69234
Ion Ratio Lower Upper
73 100
57 133.5 17.2 25.8

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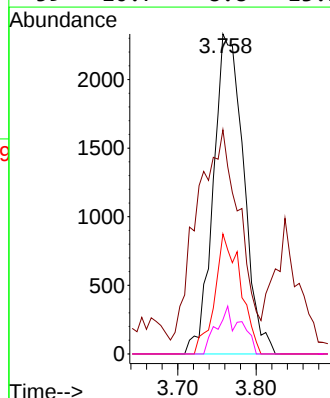
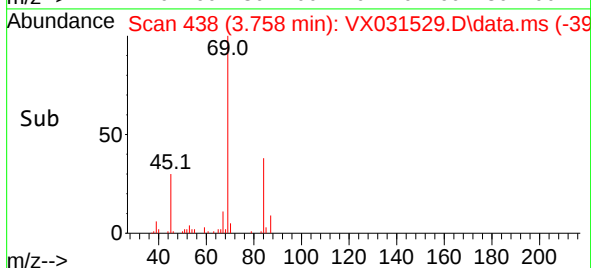
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

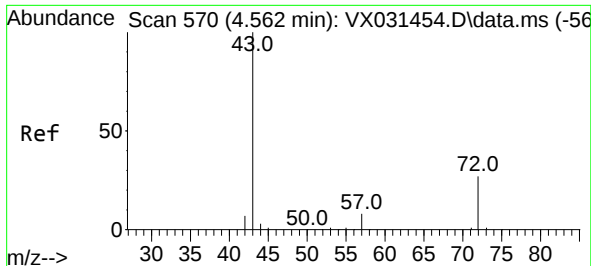


#22
Diisopropyl ether
Concen: 1.376 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03



Tgt Ion: 45 Resp: 6240
Ion Ratio Lower Upper
45 100
43 55.1 59.0 88.6#
87 37.5 22.6 33.8#
59 10.7 8.8 13.2





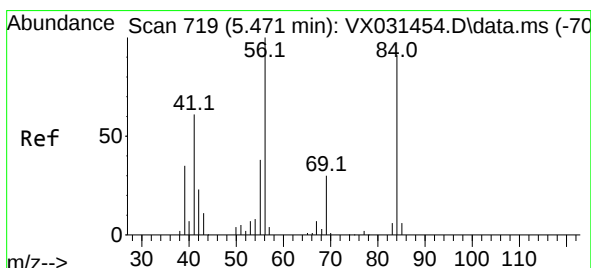
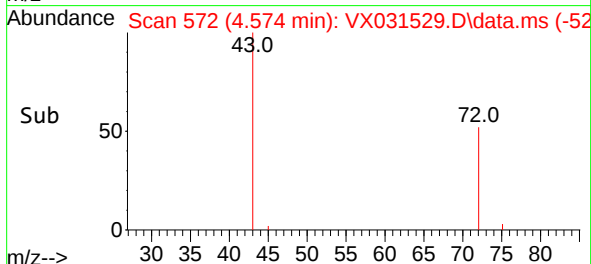
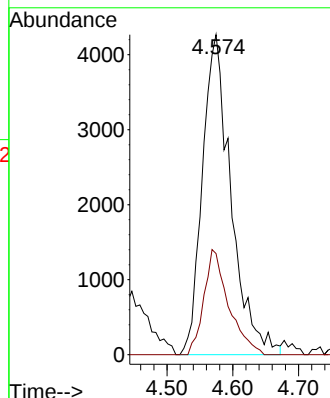
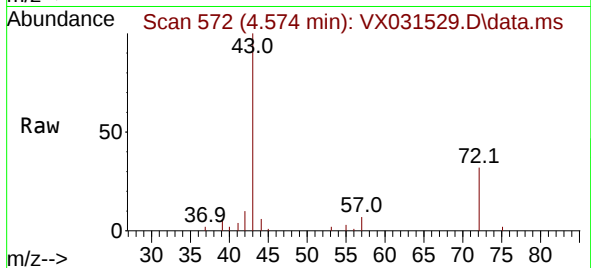
#25
2-Butanone
Concen: 11.054 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion: 43 Resp: 12908
Ion Ratio Lower Upper
43 100
72 31.6 21.1 31.7

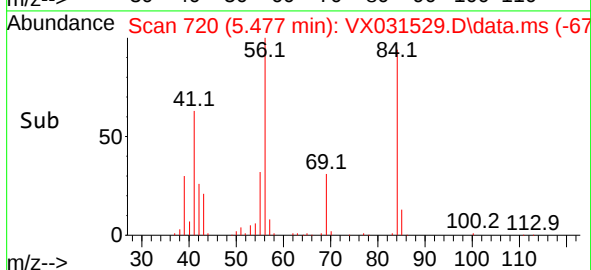
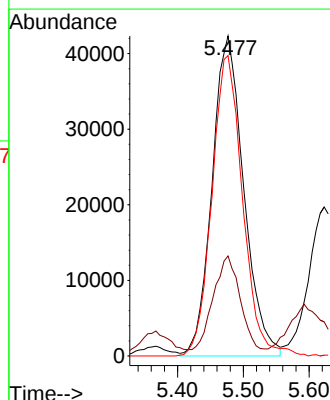
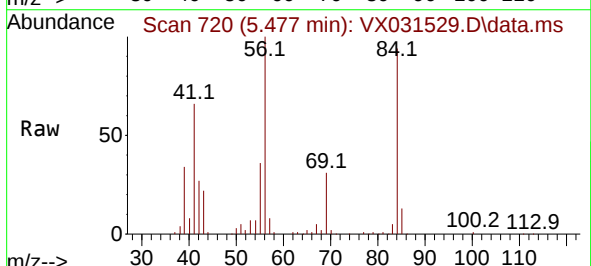
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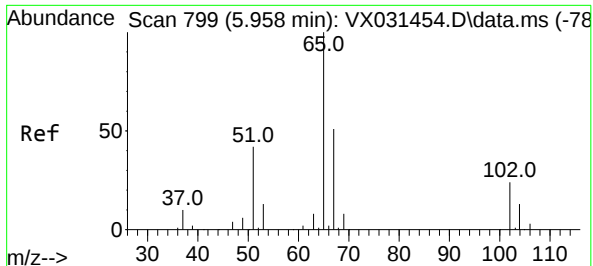
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#31
Cyclohexane
Concen: 63.259 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 56 Resp: 141907
Ion Ratio Lower Upper
56 100
69 28.9 25.1 37.7
84 94.4 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 55.935 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

MW-6R

Tgt Ion: 65 Resp: 84564

Ion Ratio Lower Upper

65 100

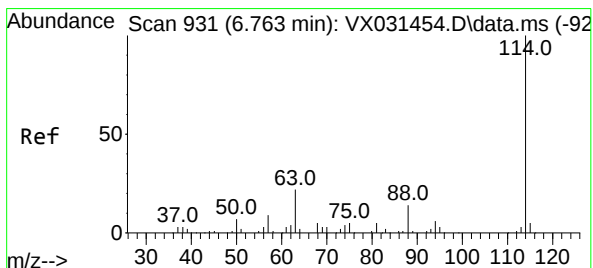
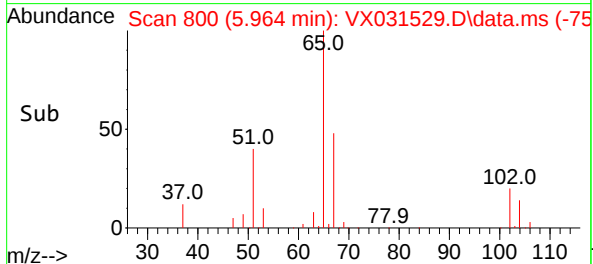
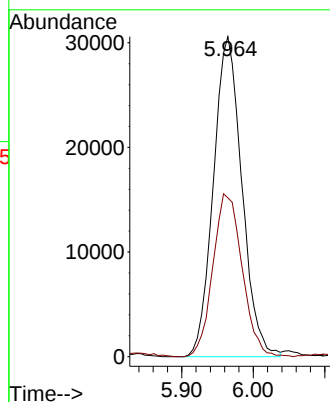
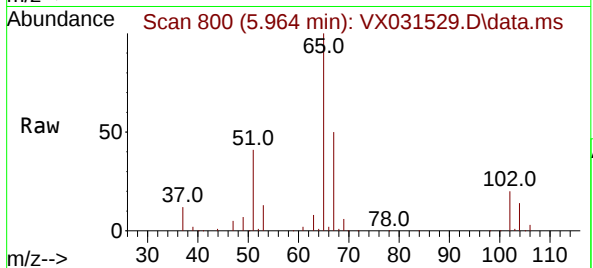
67 52.4 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

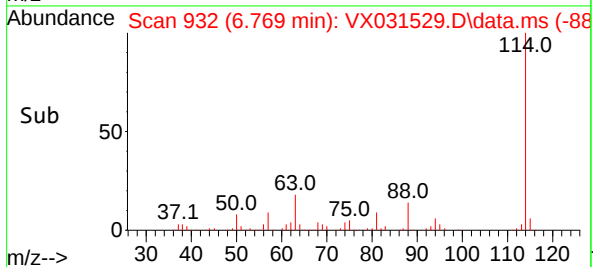
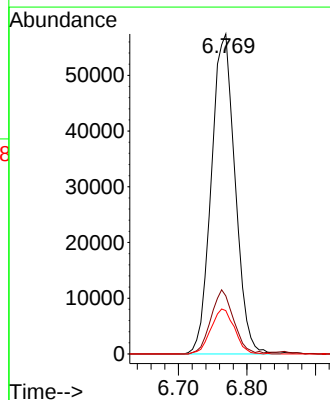
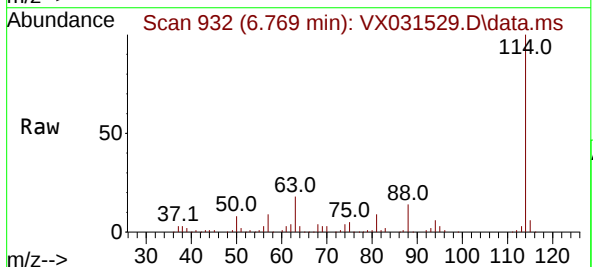
Tgt Ion:114 Resp: 137970

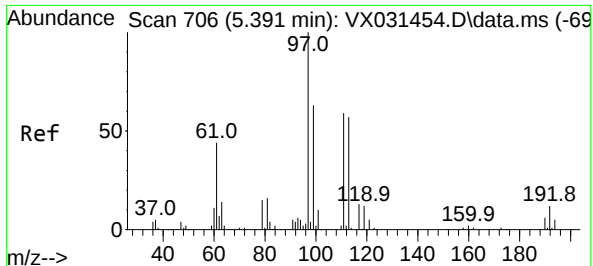
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.6

88 13.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.394 ug/l

RT: 5.385 min Scan# 7045

Delta R.T. -0.006 min

Lab File: VX031529.D

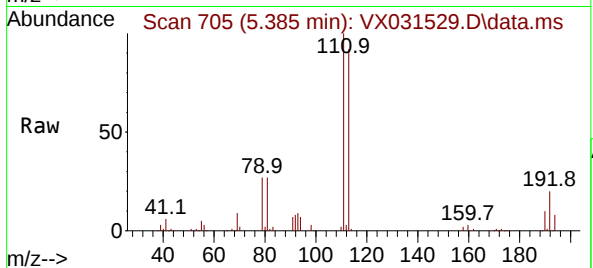
Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

MW-6R



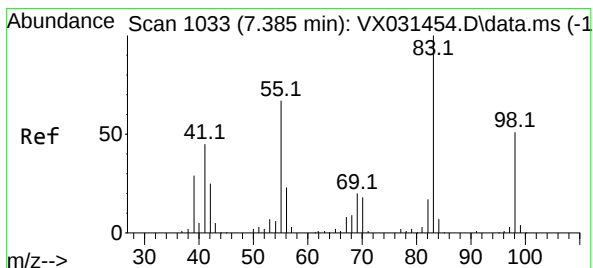
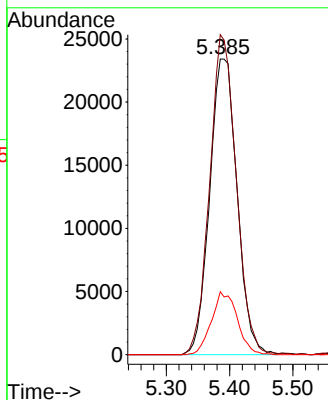
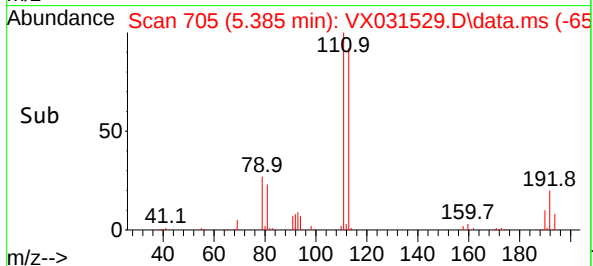
Tgt Ion:	113	Resp:	7045
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.4	123.6
192	20.1	14.1	21.1

Manual Integrations

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Supervised By :Mahesh Dadoda 09/22/2022



#39

Methylcyclohexane

Concen: 60.638 ug/l

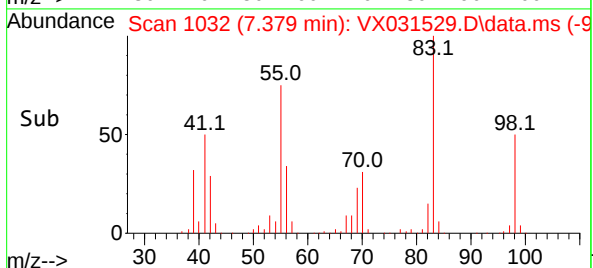
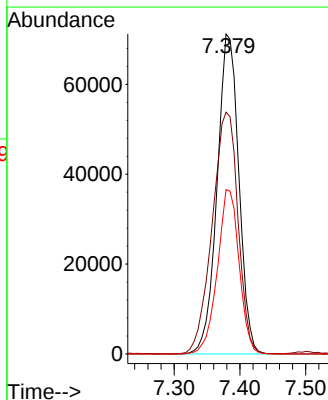
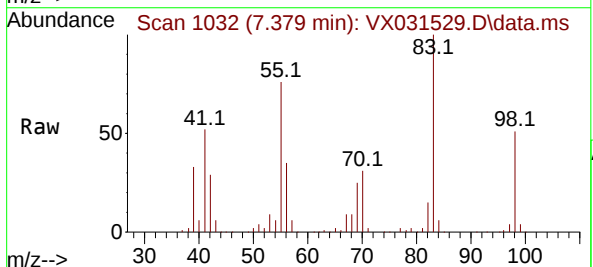
RT: 7.379 min Scan# 1032

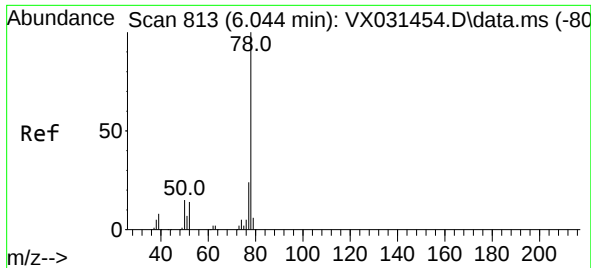
Delta R.T. -0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Tgt Ion:	83	Resp:	163626
Ion	Ratio	Lower	Upper
83	100		
55	75.5	61.0	91.4
98	51.3	37.7	56.5





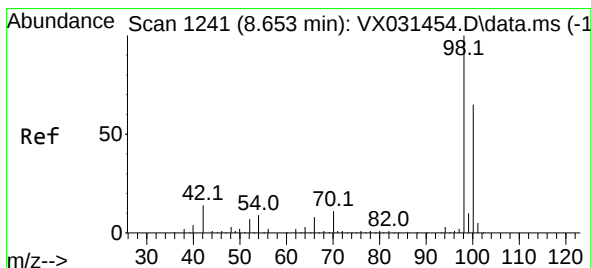
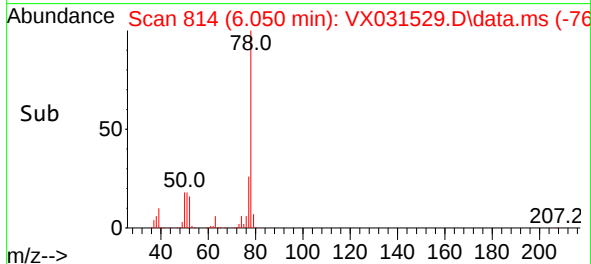
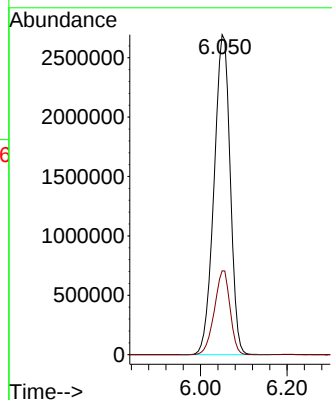
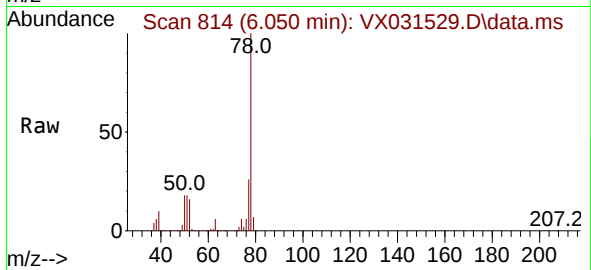
#40
Benzene
Concen: 1066.008 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion: 78 Resp: 6974538
Ion Ratio Lower Upper
78 100
77 26.2 18.7 28.1

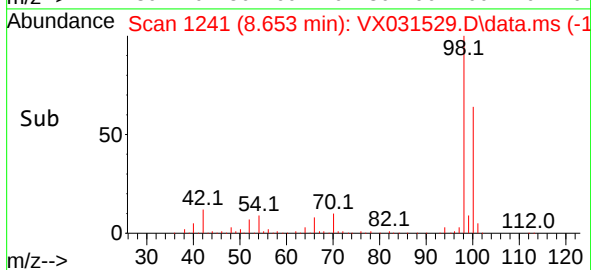
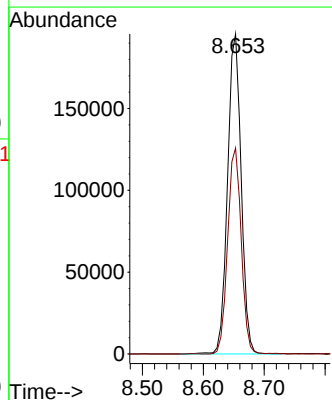
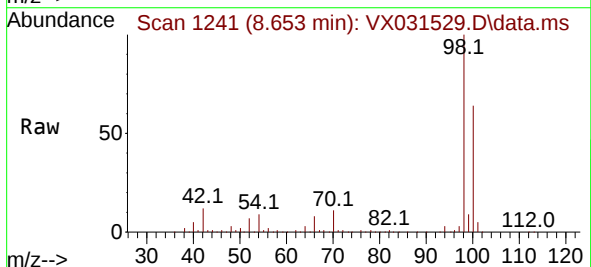
Manual Integrations
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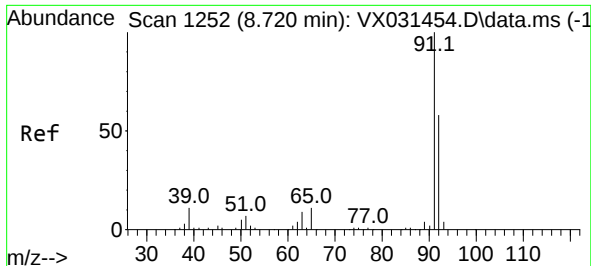
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#50
Toluene-d8
Concen: 55.045 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 98 Resp: 302573
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7





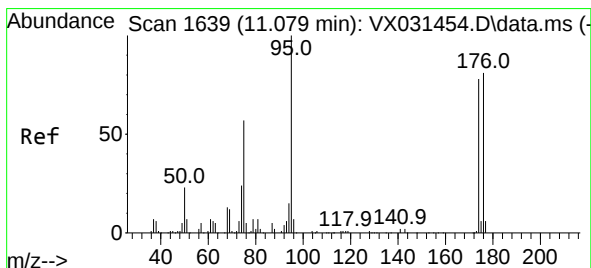
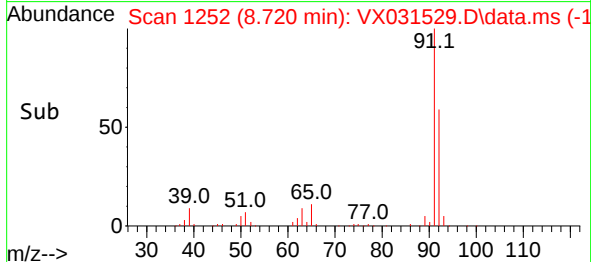
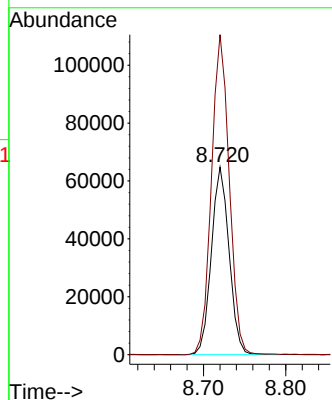
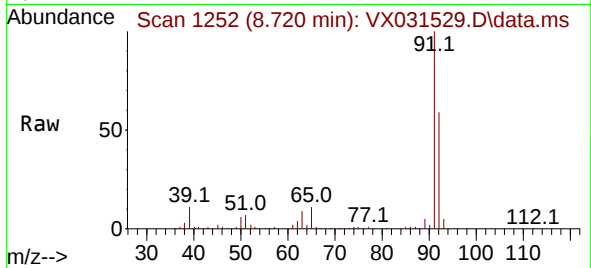
#52
Toluene
Concen: 22.690 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion: 92 Resp: 96819
Ion Ratio Lower Upper
92 100
91 171.8 137.1 205.7

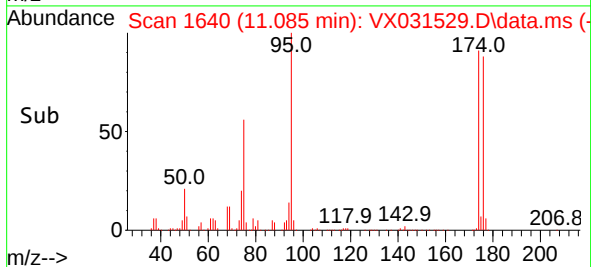
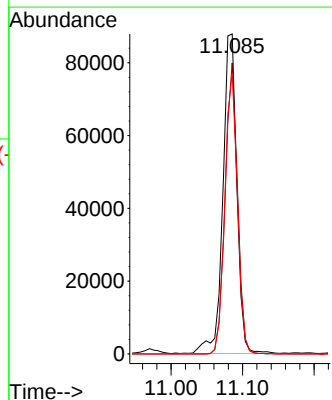
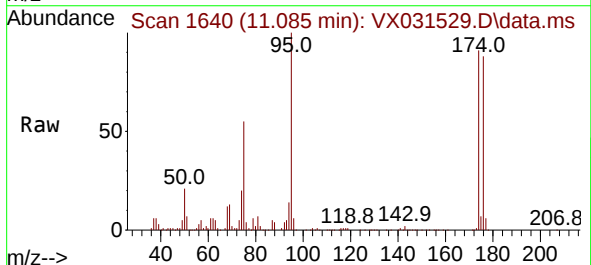
Manual Integrations
APPROVED

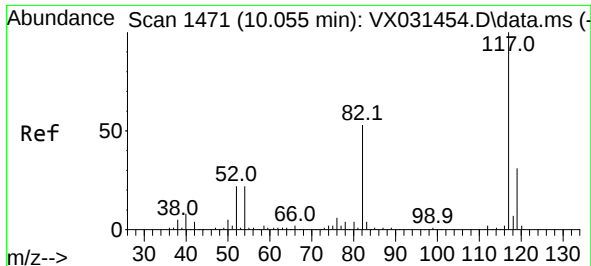
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#62
4-Bromofluorobenzene
Concen: 63.948 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

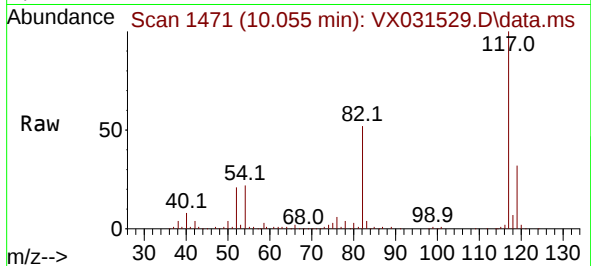
Tgt Ion: 95 Resp: 119067
Ion Ratio Lower Upper
95 100
174 80.9 0.0 153.2
176 79.7 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

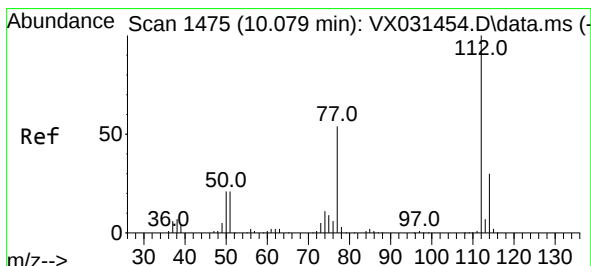
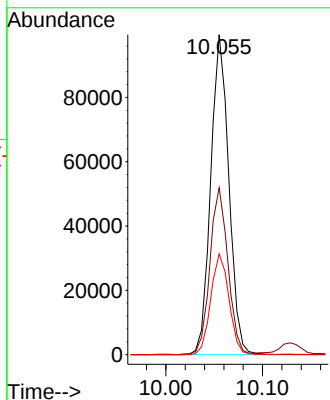
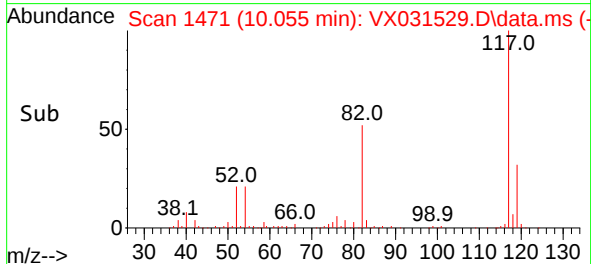
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



Tgt Ion:117 Resp: 129230
Ion Ratio Lower Upper
117 100
82 52.1 46.8 70.2
119 31.5 26.4 39.6

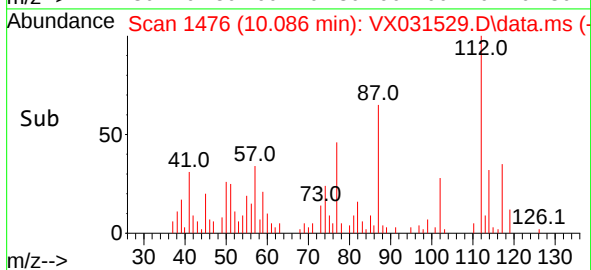
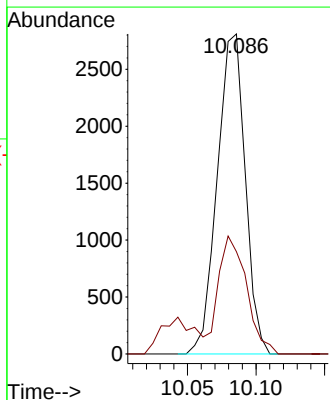
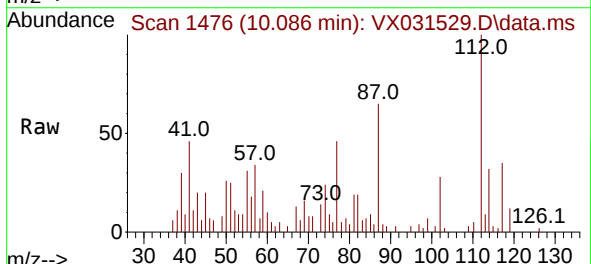
Manual Integrations
APPROVED

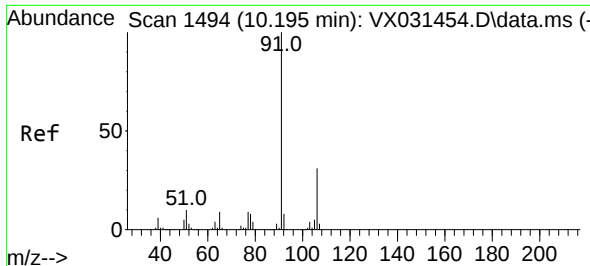
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#65
Chlorobenzene
Concen: 1.000 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.007 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

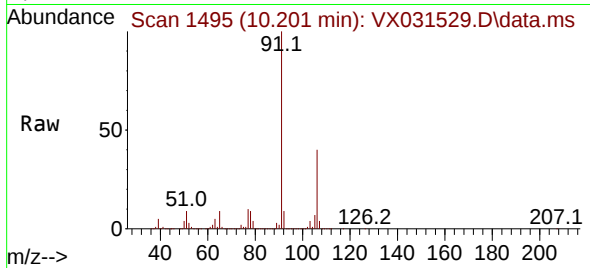
Tgt Ion:112 Resp: 3986
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5





#67
Ethyl Benzene
Concen: 804.148 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

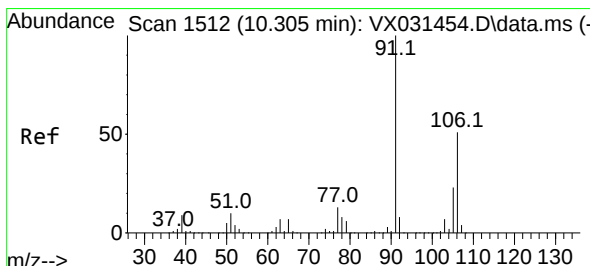
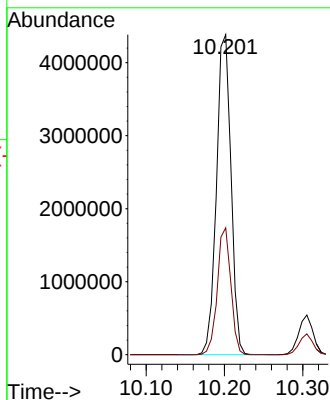
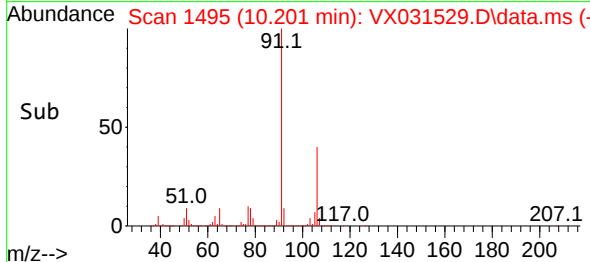
Instrument :
MSVOA_X
ClientSampleId :
MW-6R



Tgt Ion: 91 Resp: 565849
Ion Ratio Lower Upper
91 100
106 39.7 25.2 37.8

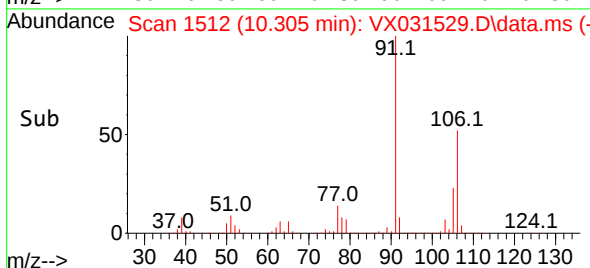
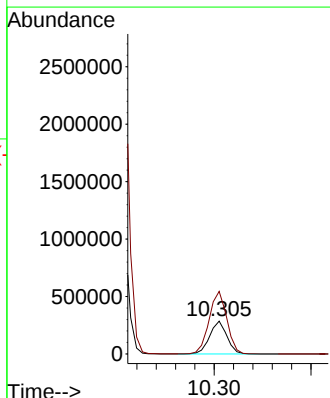
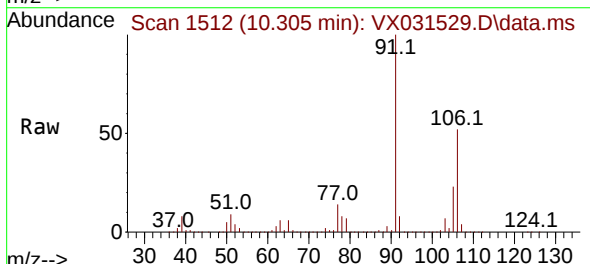
Manual Integrations
APPROVED

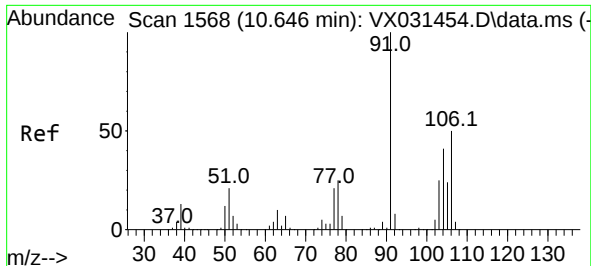
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#68
m/p-Xylenes
Concen: 123.654 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion:106 Resp: 349671
Ion Ratio Lower Upper
106 100
91 198.0 161.0 241.4





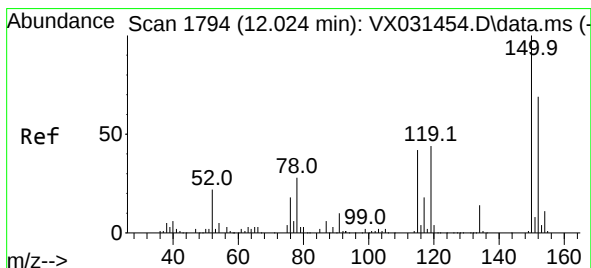
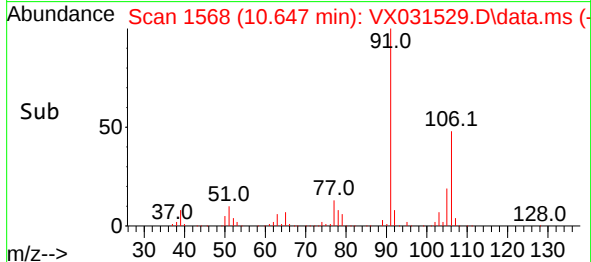
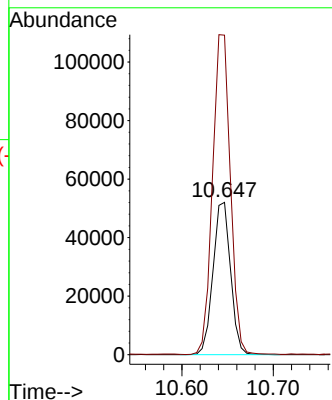
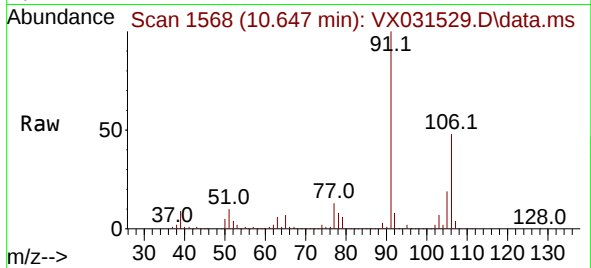
#69
o-Xylene
Concen: 25.692 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion:106 Resp: 69340
Ion Ratio Lower Upper
106 100
91 213.3 107.2 321.6

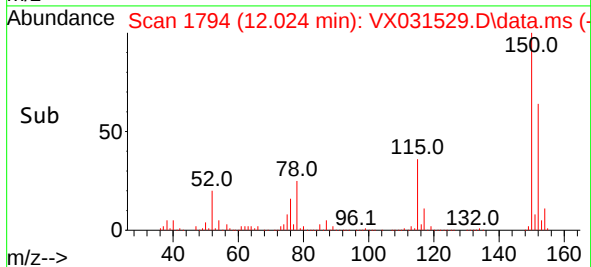
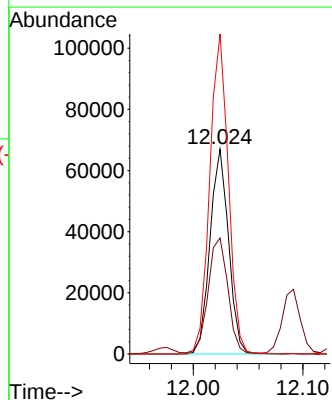
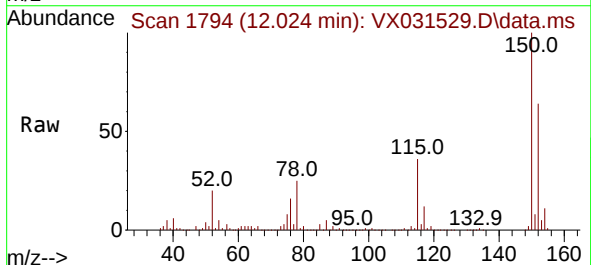
Manual Integrations
APPROVED

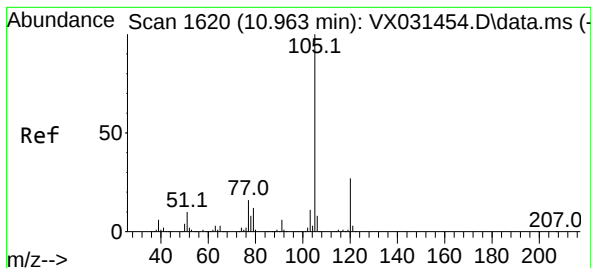
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion:152 Resp: 78655
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.1
150 156.4 0.0 346.8





#73

Isopropylbenzene

Concen: 138.883 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

MW-6R

Tgt Ion:105 Resp: 815750

Ion Ratio Lower Upper

105 100

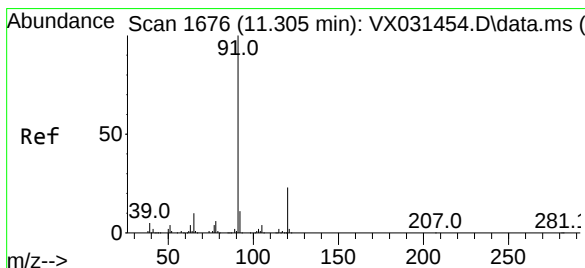
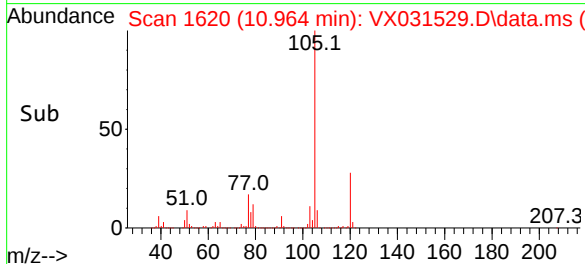
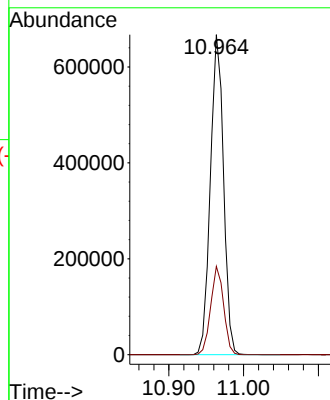
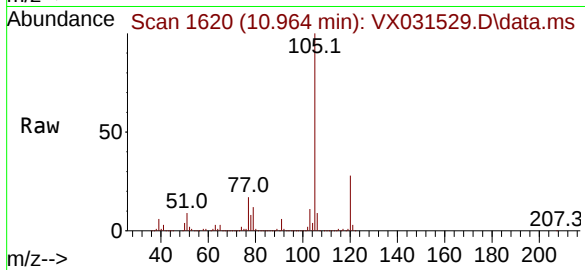
120 27.1 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#78

n-propylbenzene

Concen: 400.980 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031529.D

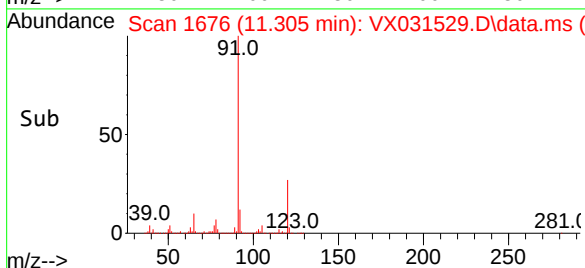
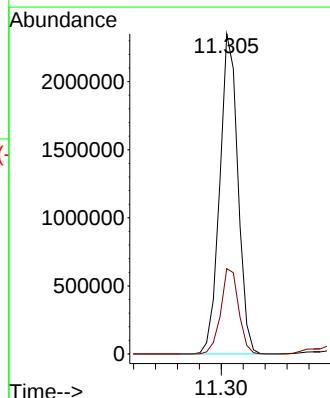
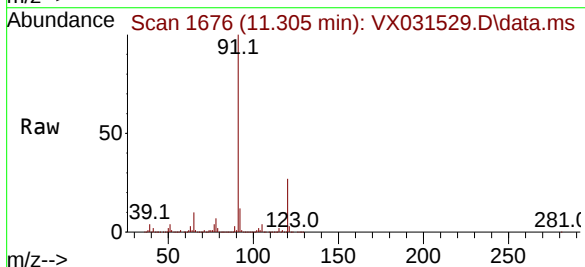
Acq: 21 Sep 2022 17:03

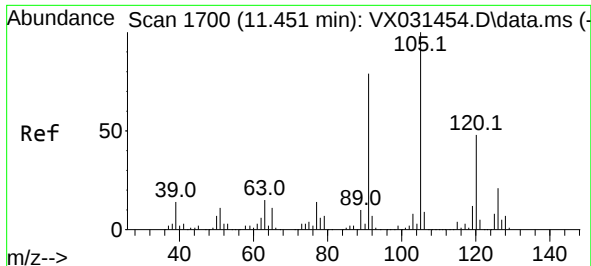
Tgt Ion: 91 Resp: 2709622

Ion Ratio Lower Upper

91 100

120 26.2 11.8 35.4





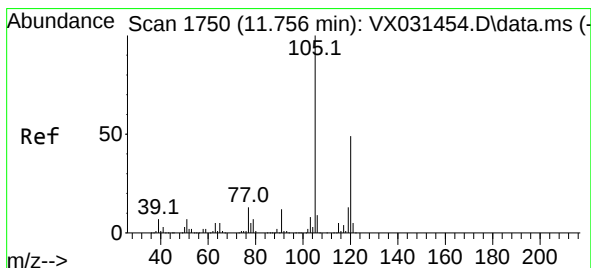
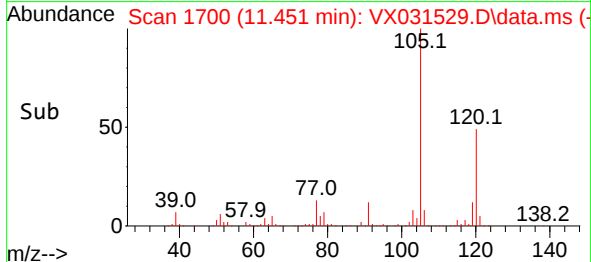
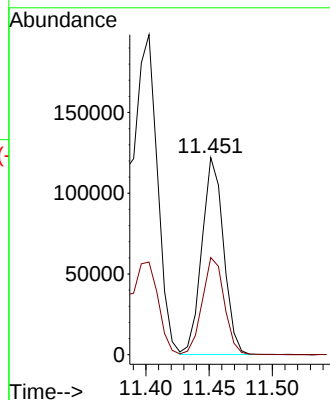
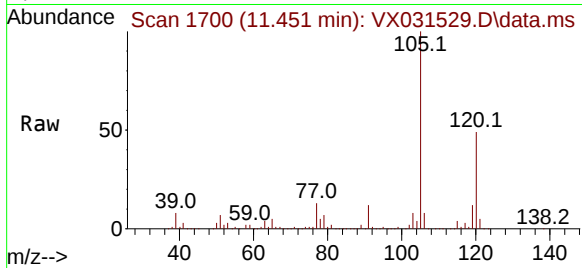
#80
1,3,5-Trimethylbenzene
Concen: 29.252 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion:105 Resp: 145810
Ion Ratio Lower Upper
105 100
120 50.2 24.5 73.5

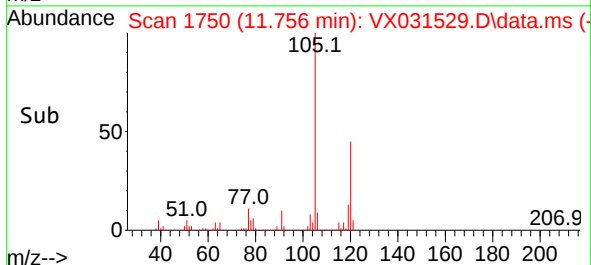
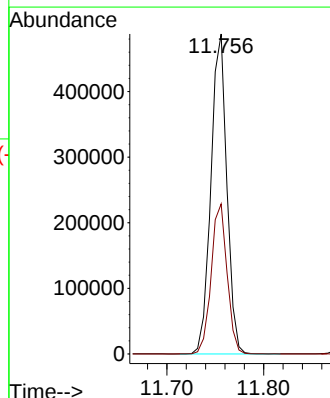
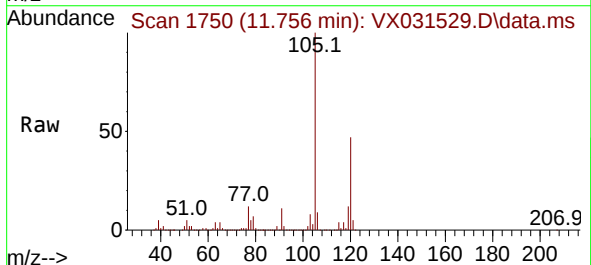
Manual Integrations
APPROVED

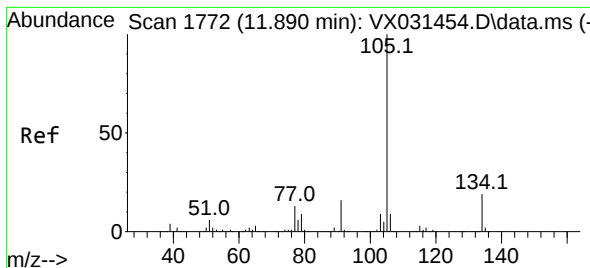
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 113.721 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion:105 Resp: 558269
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 17.085 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

MW-6R

Tgt Ion:105 Resp: 10446

Ion Ratio Lower Upper

105 100

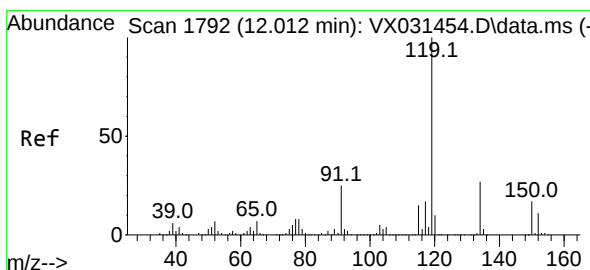
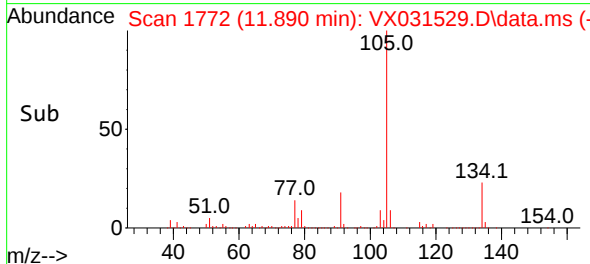
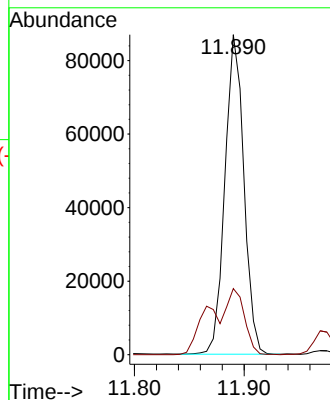
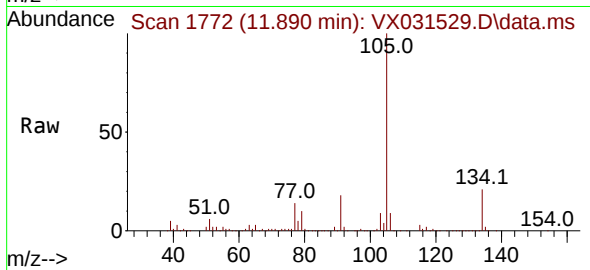
134 19.9 10.4 31.1

Manual Integrations

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Reviewed By :Krupa Patel 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#86

p-Isopropyltoluene

Concen: 2.503 ug/l m

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

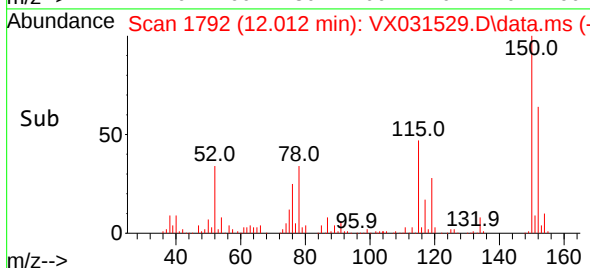
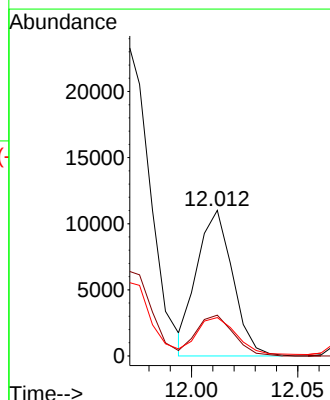
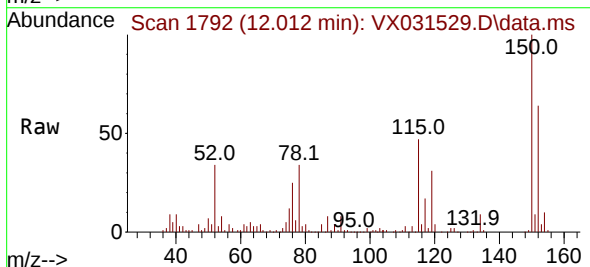
Tgt Ion:119 Resp: 12925

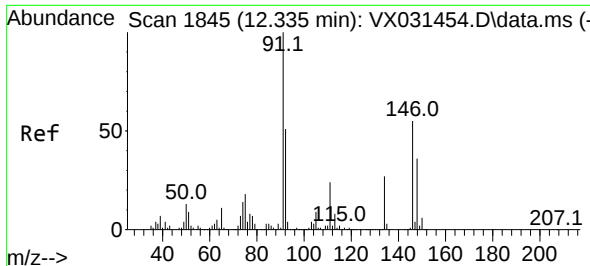
Ion Ratio Lower Upper

119 100

134 62.9 13.4 40.2#

91 0.0 12.4 37.2#





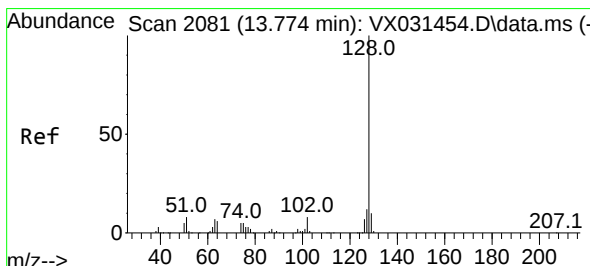
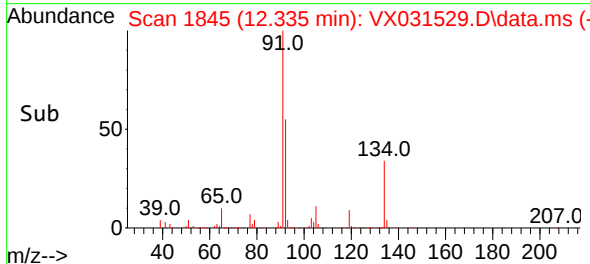
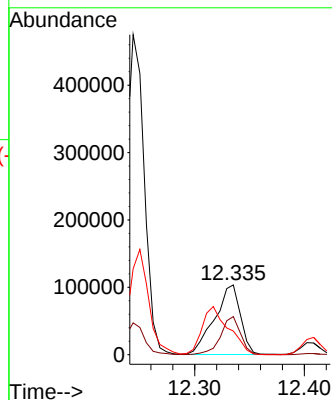
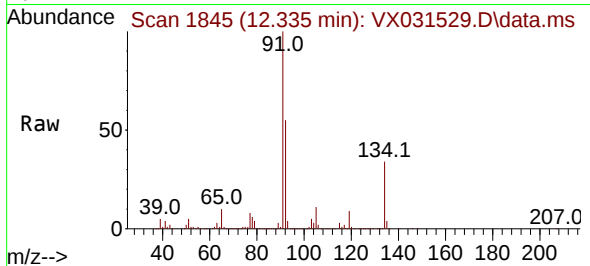
#89
n-Butylbenzene
Concen: 38.668 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
MW-6R

Tgt Ion: 91 Resp: 170055
Ion Ratio Lower Upper
91 100
92 42.1 27.0 81.0
134 70.9 13.3 39.9

Manual Integrations
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Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#95
Naphthalene
Concen: 739.107 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion:128 Resp: 4167555
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 12.1 8.8 13.2

