

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031524.D
 Acq On : 21 Sep 2022 15:06
 Operator : JC/MD
 Sample : N4614-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H-1R

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 01:13:31 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	93315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98369	57.536	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.080%			
35) Dibromofluoromethane	5.391	113	83306	52.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.760%			
50) Toluene-d8	8.653	98	315561	51.930	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.860%			
62) 4-Bromofluorobenzene	11.079	95	110346	53.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.220%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	548802	1706.575	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	59469	11.321	ug/l #	1
22) Diisopropyl ether	3.763	45	58136	11.334	ug/l #	85
25) 2-Butanone	4.574	43	7001	5.299	ug/l #	87
31) Cyclohexane	5.471	56	40142	15.815	ug/l	91
39) Methylcyclohexane	7.379	83	30446	10.206	ug/l #	78
40) Benzene	6.044	78	157242	21.740	ug/l	100
52) Toluene	8.720	92	4764	1.010	ug/l	99
67) Ethyl Benzene	10.195	91	191248	25.293	ug/l	98
68) m/p-Xylenes	10.305	106	26090	8.586	ug/l	94
69) o-Xylene	10.640	106	7940	2.738	ug/l	94
73) Isopropylbenzene	10.963	105	378966	65.280	ug/l	99
78) n-propylbenzene	11.305	91	860053	128.773	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29686m	6.026	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	1480846	305.208	ug/l	96
85) sec-Butylbenzene	11.890	105	76392	12.642	ug/l	100
86) p-Isopropyltoluene	12.012	119	12714	2.492	ug/l #	49
89) n-Butylbenzene	12.335	91	111875	25.738	ug/l #	59
95) Naphthalene	13.774	128	1235129	221.629	ug/l	99

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

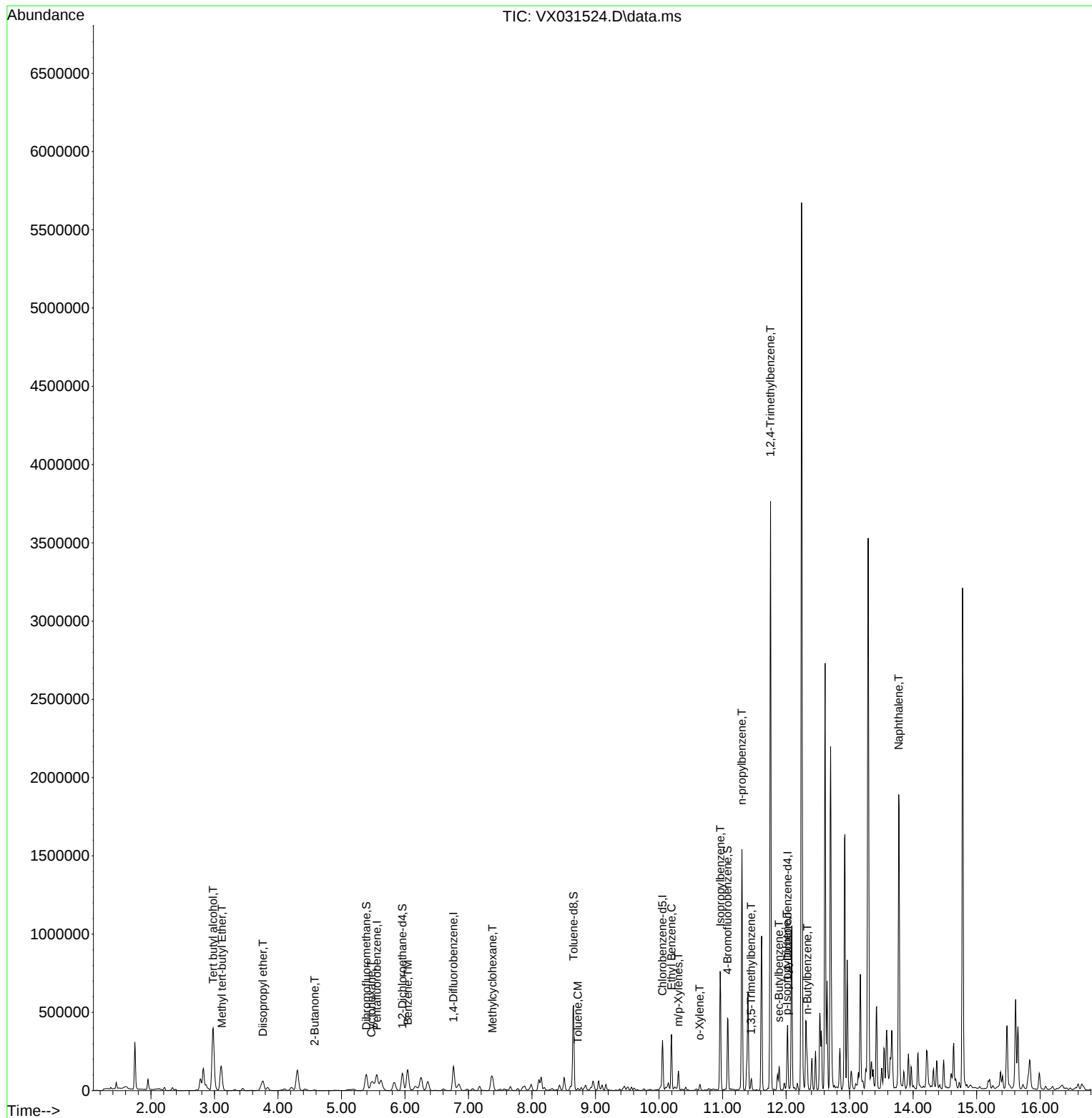
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
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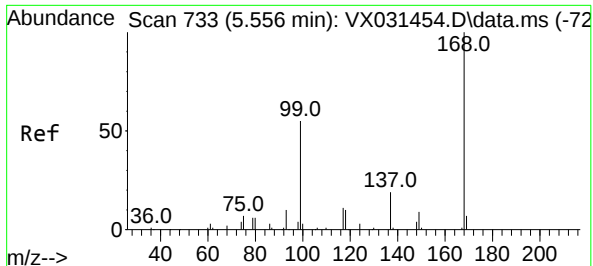
Instrument :
MSVOA_X
ClientSampleId :
H-1R

Quant Time: Sep 22 01:13:31 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

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Supervised By :Mahesh Dadoda 09/22/2022





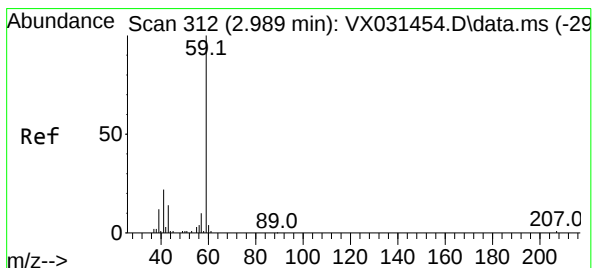
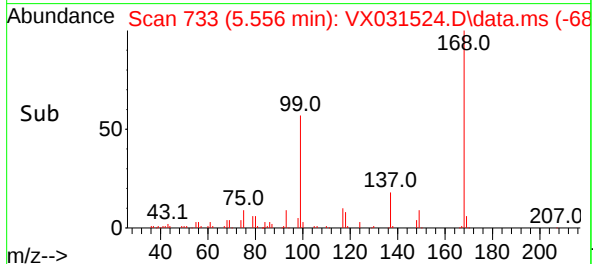
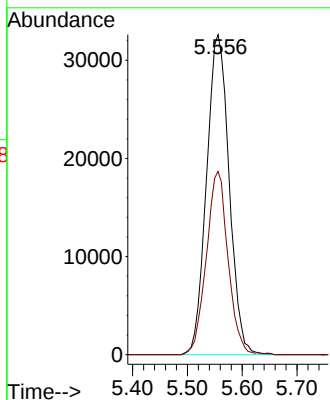
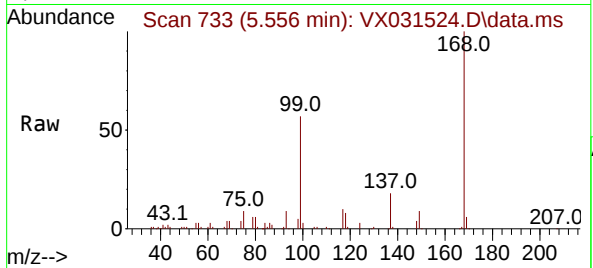
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
H-1R

Tgt Ion:168 Resp: 93315
Ion Ratio Lower Upper
168 100
99 57.3 48.8 73.2

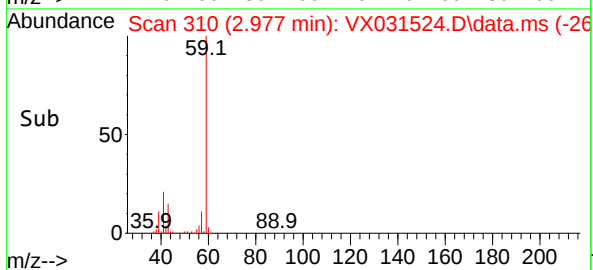
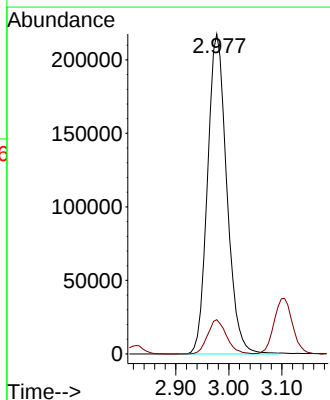
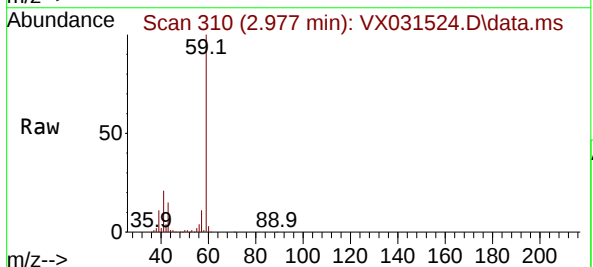
Manual Integrations
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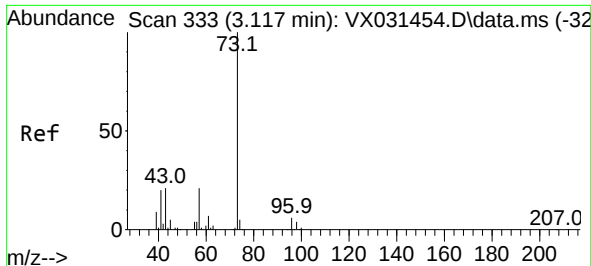
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#11
Tert butyl alcohol
Concen: 1706.575 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

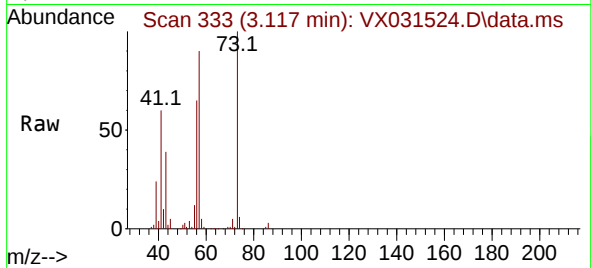
Tgt Ion: 59 Resp: 548802
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2





#19
Methyl tert-butyl Ether
Concen: 11.321 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

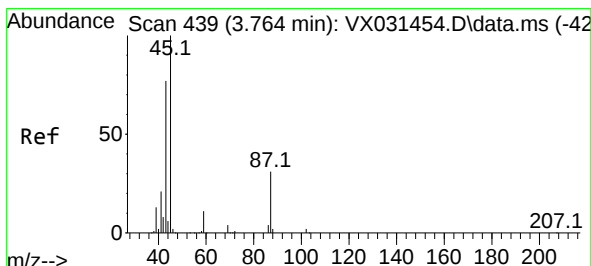
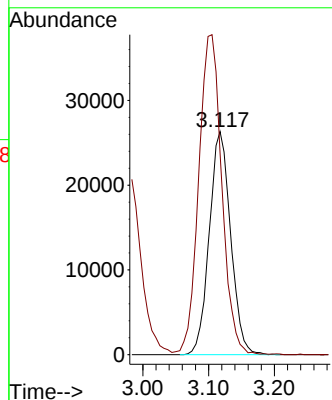
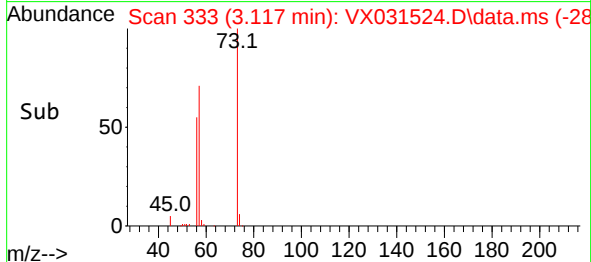
Instrument :
MSVOA_X
ClientSampleId :
H-1R



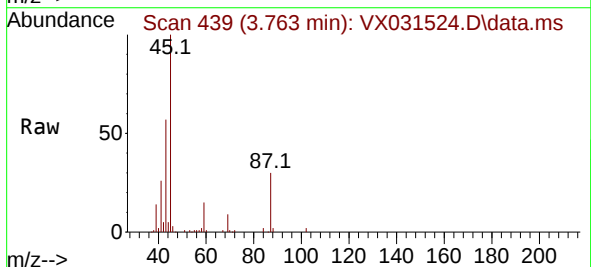
Tgt Ion: 73 Resp: 59469
Ion Ratio Lower Upper
73 100
57 90.2 17.2 25.8

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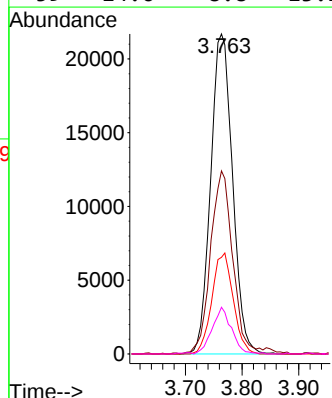
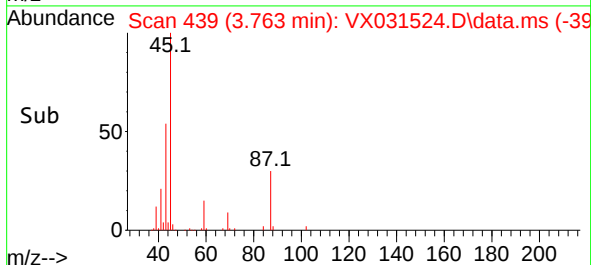
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

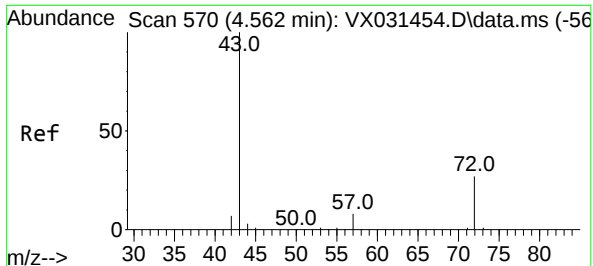


#22
Diisopropyl ether
Concen: 11.334 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06



Tgt Ion: 45 Resp: 58136
Ion Ratio Lower Upper
45 100
43 57.2 59.0 88.6#
87 30.2 22.6 33.8
59 14.6 8.8 13.2#





#25

2-Butanone

Concen: 5.299 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX031524.D

Acq: 21 Sep 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

H-1R

Tgt Ion: 43 Resp: 700

Ion Ratio Lower Upper

43 100

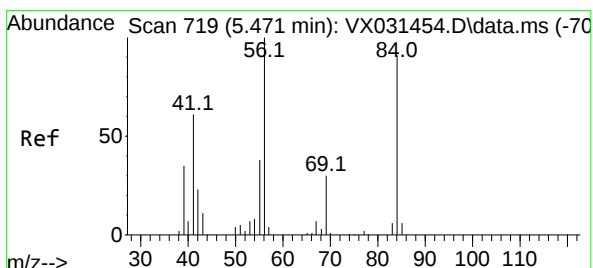
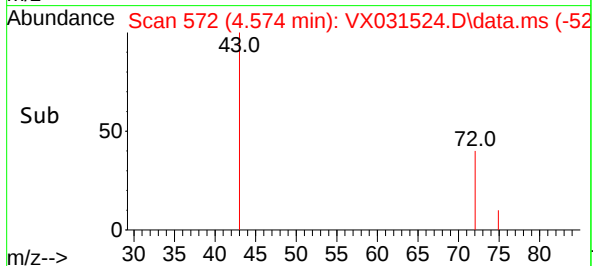
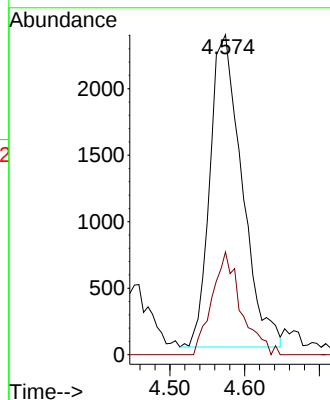
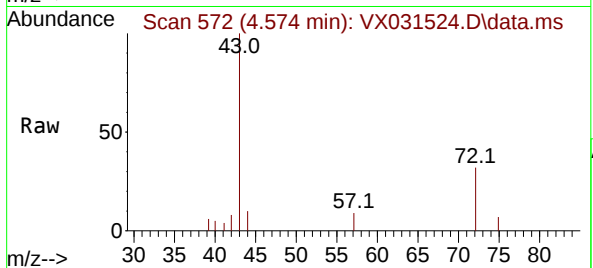
72 32.9 21.1 31.7

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#31

Cyclohexane

Concen: 15.815 ug/l

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX031524.D

Acq: 21 Sep 2022 15:06

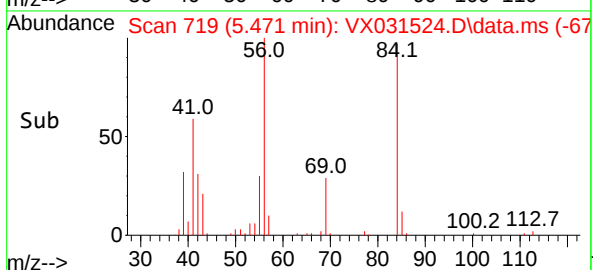
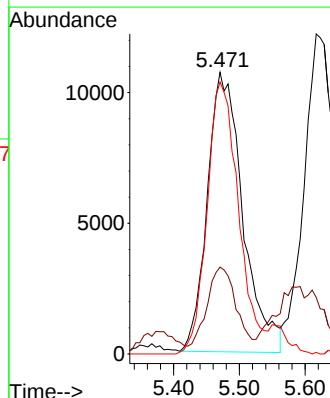
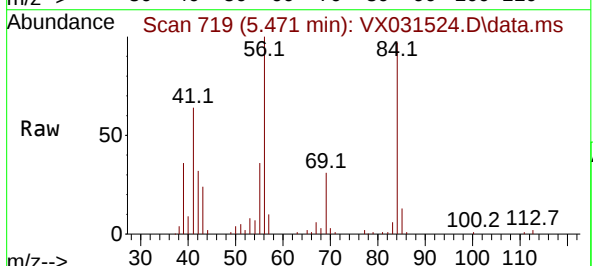
Tgt Ion: 56 Resp: 40142

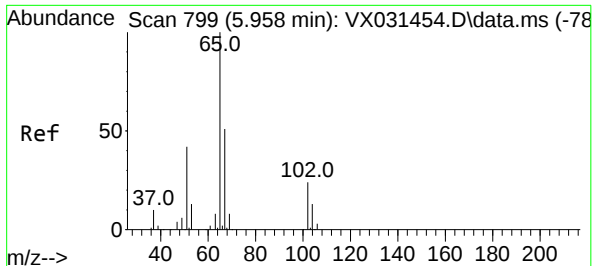
Ion Ratio Lower Upper

56 100

69 26.9 25.1 37.7

84 96.8 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 57.536 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031524.D

Acq: 21 Sep 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

H-1R

Tgt Ion: 65 Resp: 98369

Ion Ratio Lower Upper

65 100

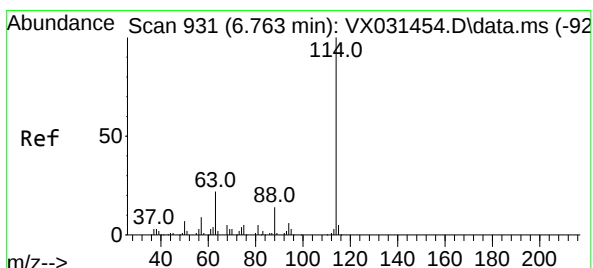
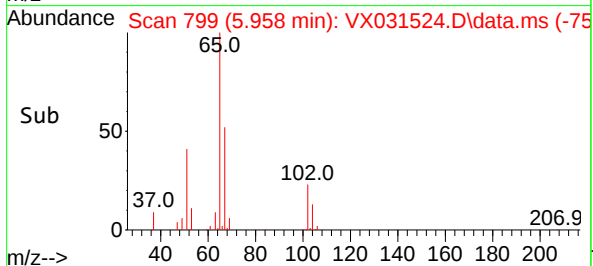
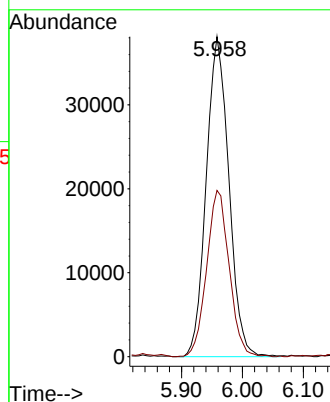
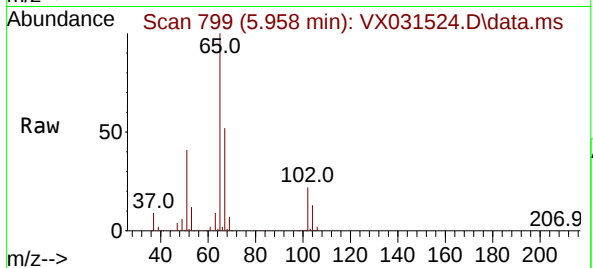
67 51.8 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031524.D

Acq: 21 Sep 2022 15:06

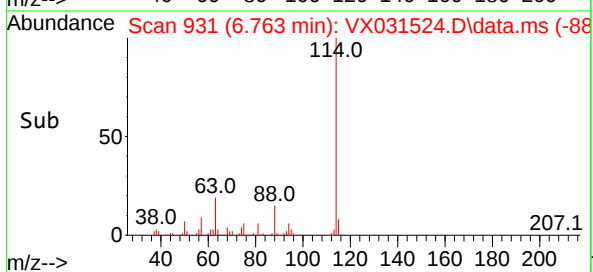
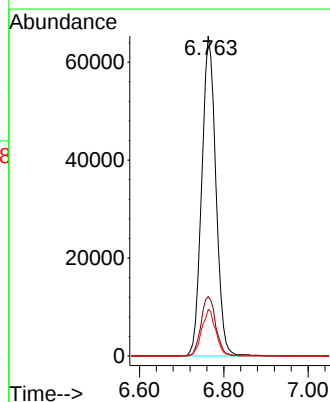
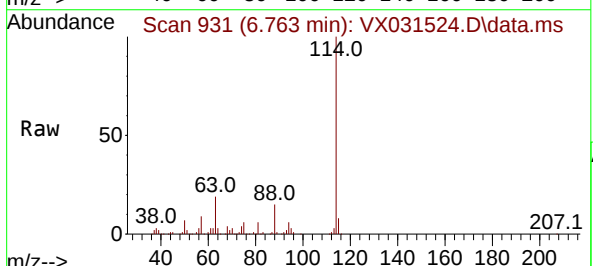
Tgt Ion:114 Resp: 152523

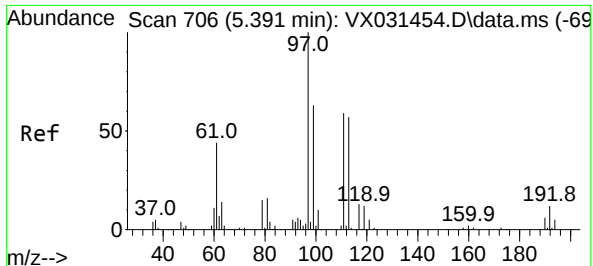
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

88 14.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.885 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031524.D

Acq: 21 Sep 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

H-1R

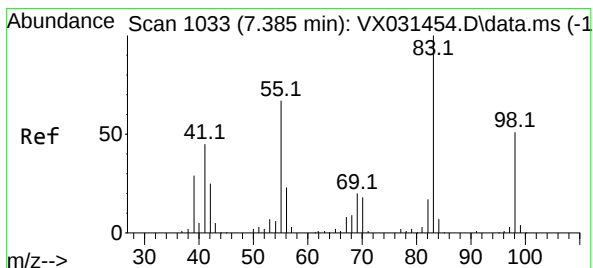
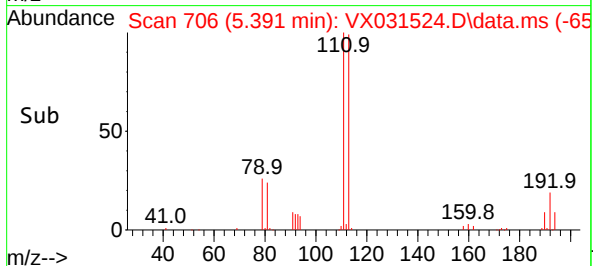
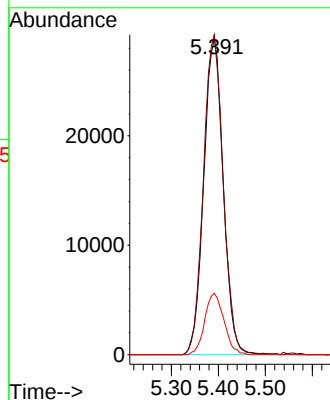
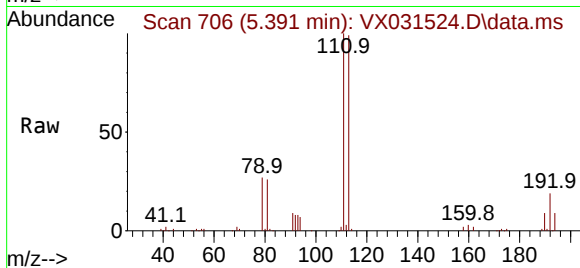
Tgt Ion:	113	Resp:	83300
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.4	123.6
192	19.1	14.1	21.1

Manual Integrations

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Supervised By :Mahesh Dadoda 09/22/2022



#39

Methylcyclohexane

Concen: 10.206 ug/l

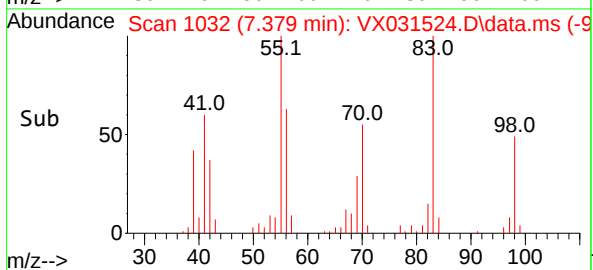
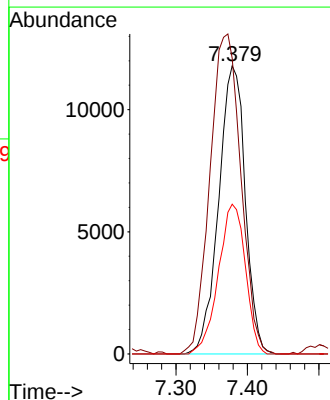
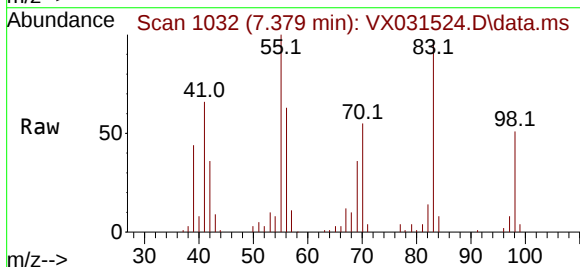
RT: 7.379 min Scan# 1032

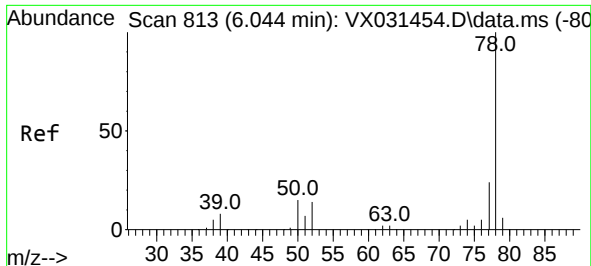
Delta R.T. -0.006 min

Lab File: VX031524.D

Acq: 21 Sep 2022 15:06

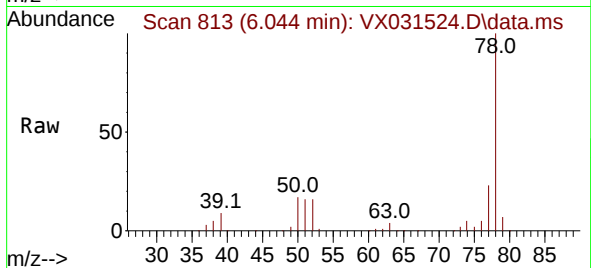
Tgt Ion:	83	Resp:	30446
Ion Ratio	Lower	Upper	
83	100		
55	102.6	61.0	91.4#
98	52.0	37.7	56.5





#40
Benzene
Concen: 21.740 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

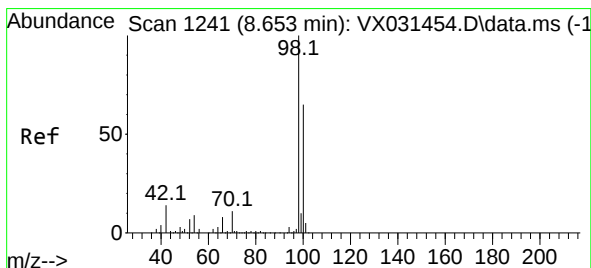
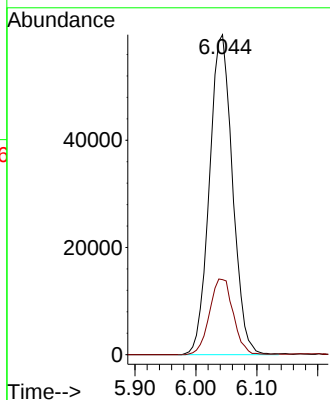
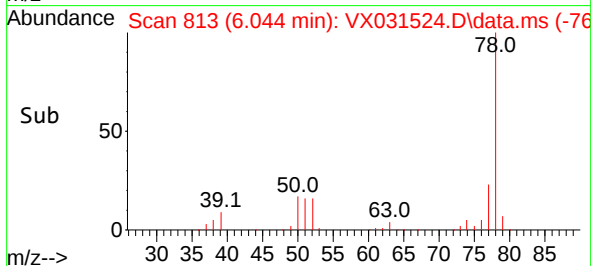
Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion: 78 Resp: 15724
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

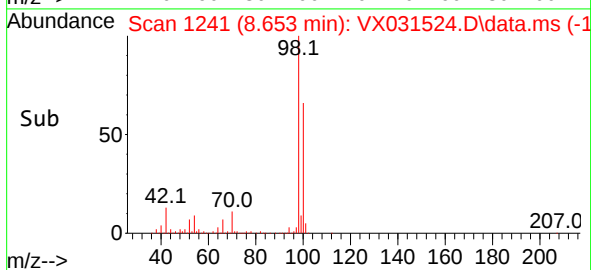
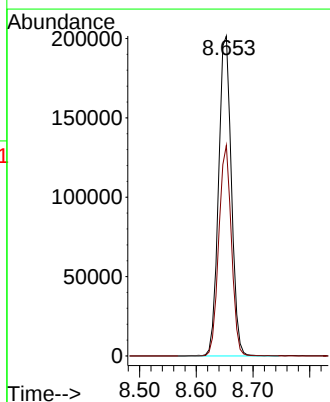
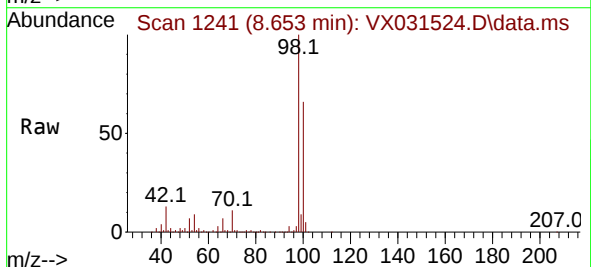
Manual Integrations
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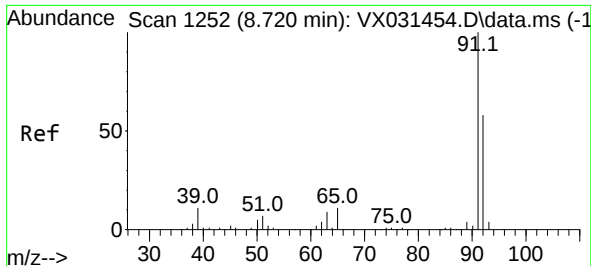
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#50
Toluene-d8
Concen: 51.930 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

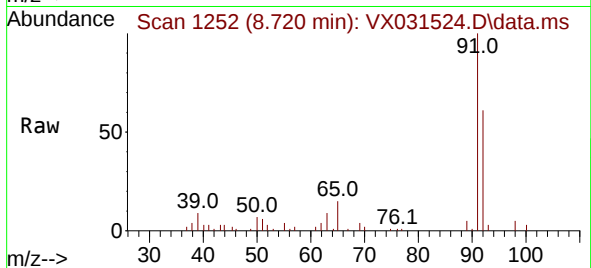
Tgt Ion: 98 Resp: 315561
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7





#52
Toluene
Concen: 1.010 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

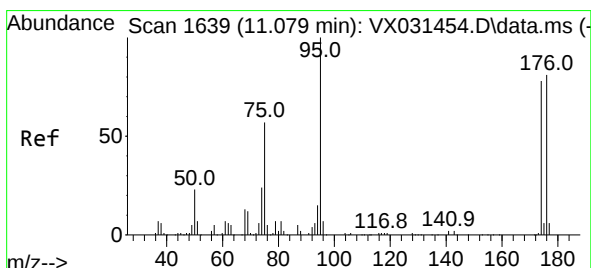
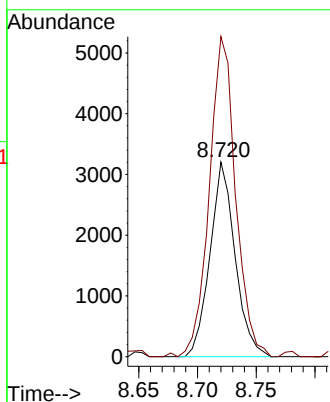
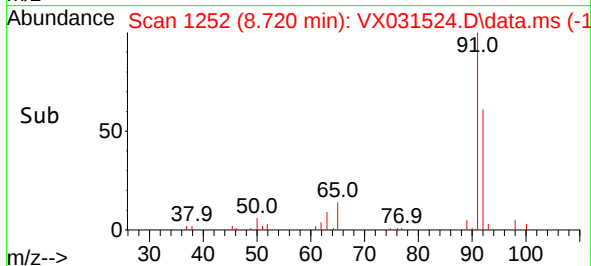
Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion: 92 Resp: 4764
Ion Ratio Lower Upper
92 100
91 172.7 137.1 205.7

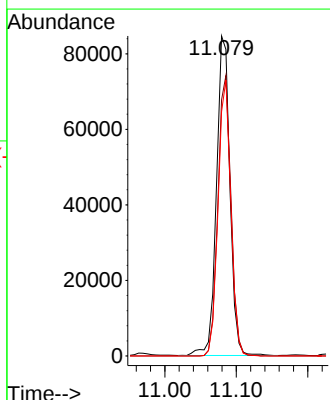
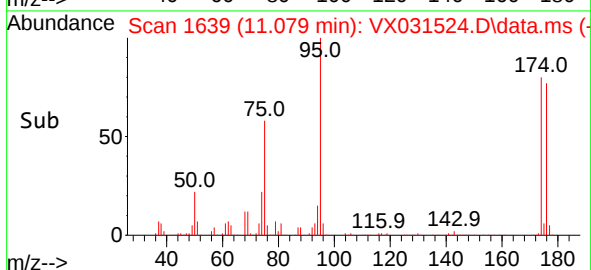
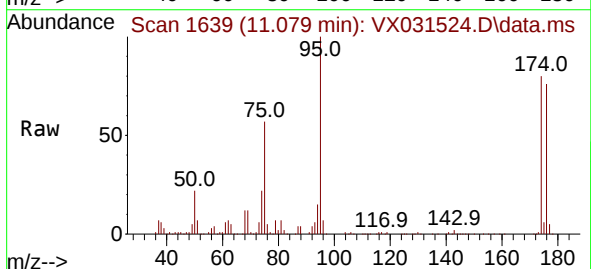
Manual Integrations
APPROVED

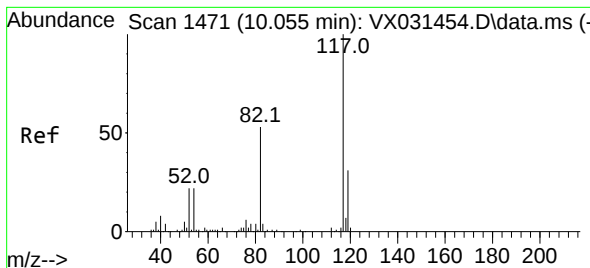
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#62
4-Bromofluorobenzene
Concen: 53.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

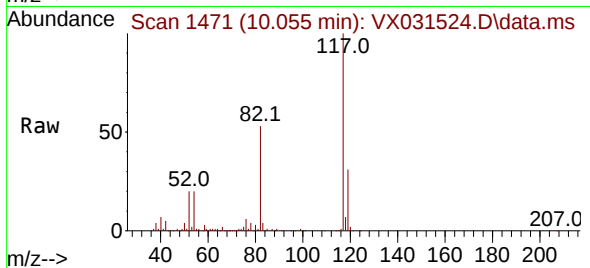
Tgt Ion: 95 Resp: 110346
Ion Ratio Lower Upper
95 100
174 85.5 0.0 153.2
176 82.1 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

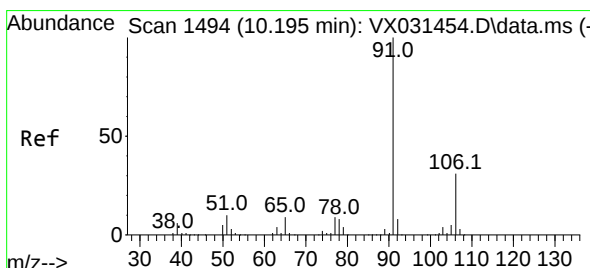
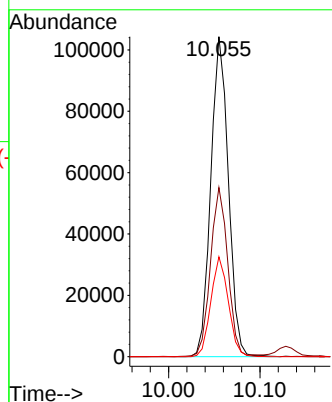
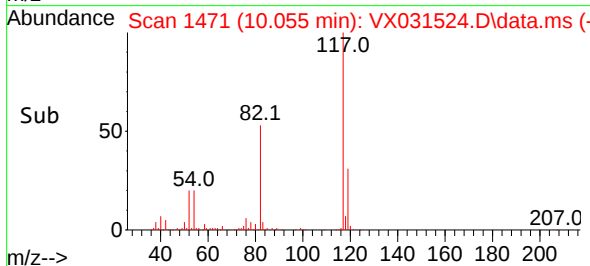
Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion:117 Resp: 138872
Ion Ratio Lower Upper
117 100
82 52.7 46.8 70.2
119 31.2 26.4 39.6

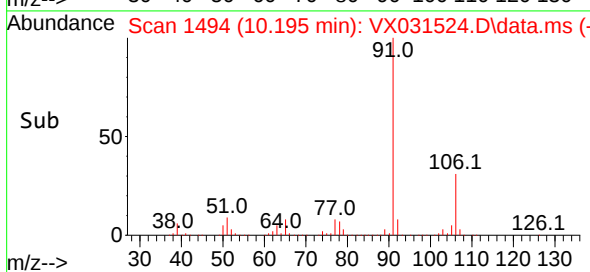
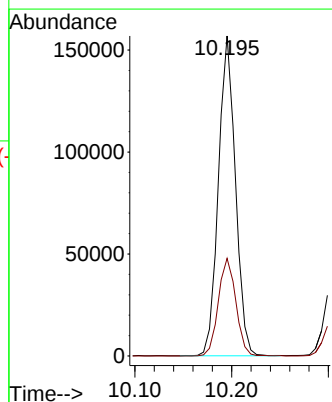
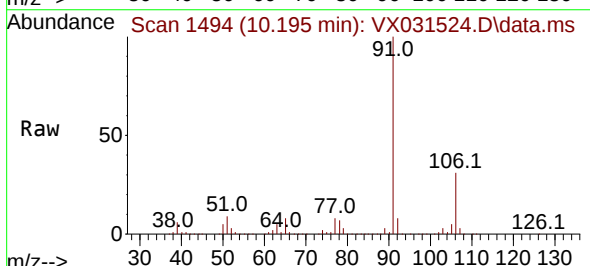
Manual Integrations
APPROVED

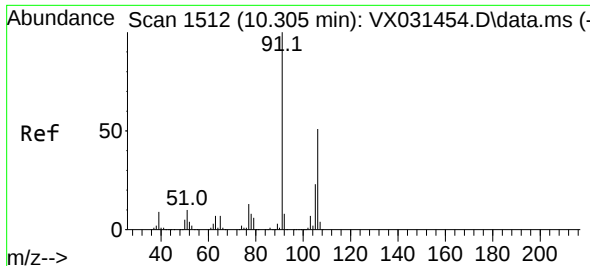
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#67
Ethyl Benzene
Concen: 25.293 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

Tgt Ion: 91 Resp: 191248
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8





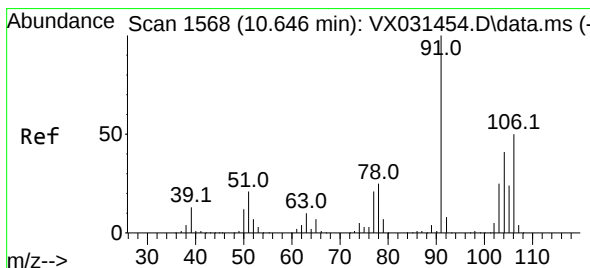
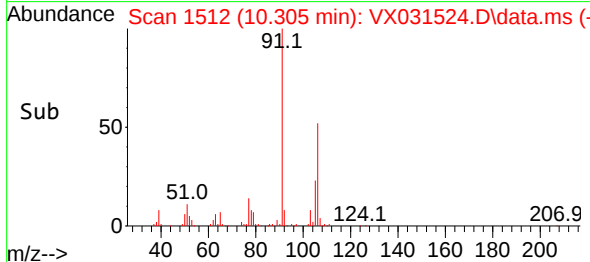
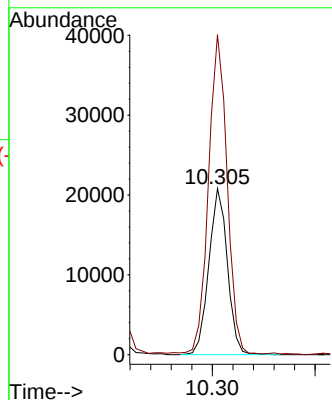
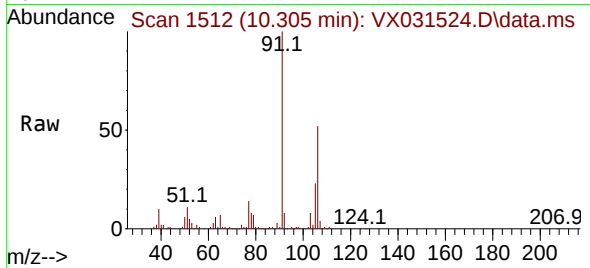
#68
m/p-Xylenes
Concen: 8.586 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
H-1R

Tgt Ion:106 Resp: 26090
Ion Ratio Lower Upper
106 100
91 192.4 161.0 241.4

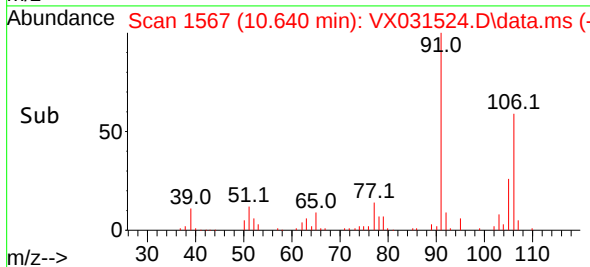
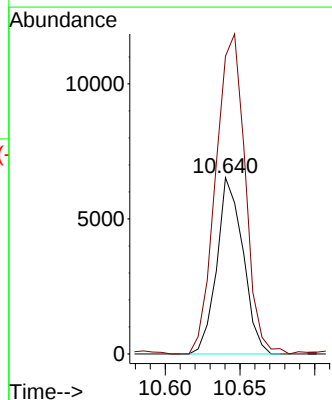
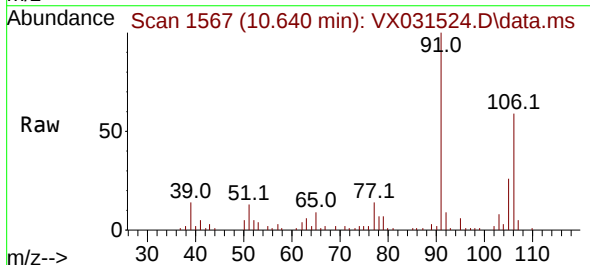
Manual Integrations
APPROVED

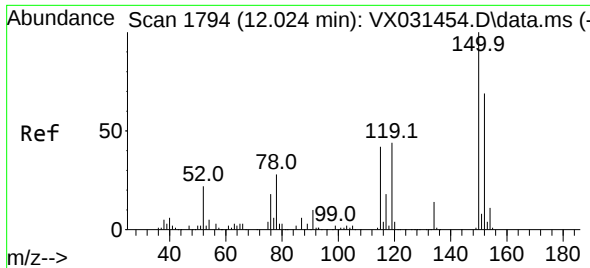
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#69
o-Xylene
Concen: 2.738 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

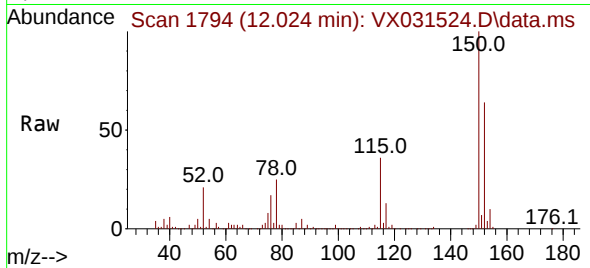
Tgt Ion:106 Resp: 7940
Ion Ratio Lower Upper
106 100
91 204.8 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

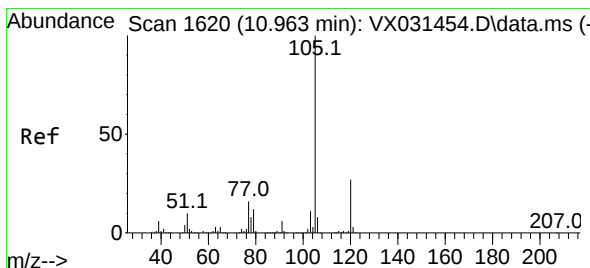
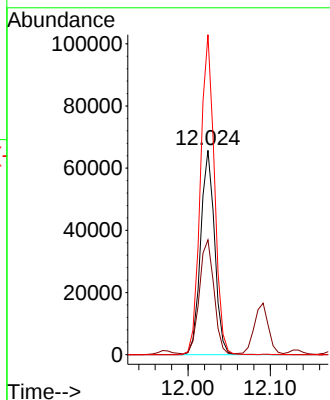
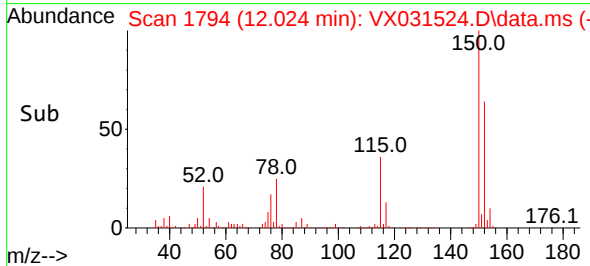
Instrument :
MSVOA_X
ClientSampleId :
H-1R



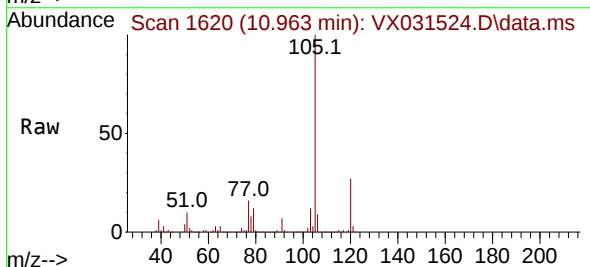
Tgt Ion:152 Resp: 77739
Ion Ratio Lower Upper
152 100
115 57.9 43.4 130.1
150 156.6 0.0 346.8

Manual Integrations
APPROVED

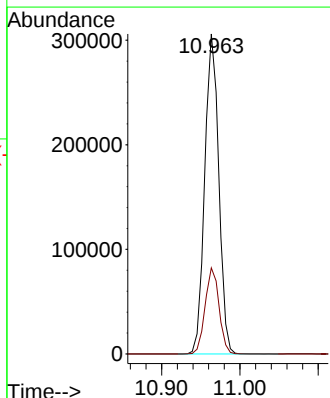
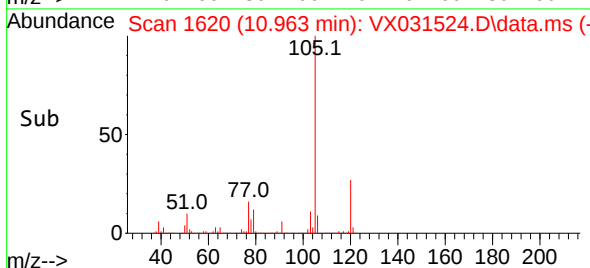
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

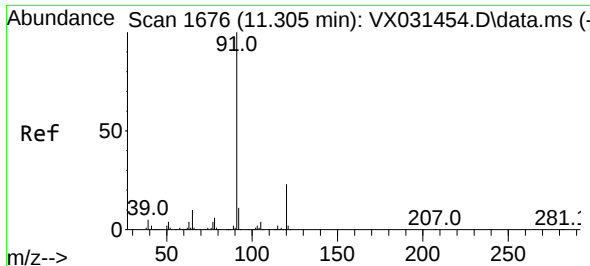


#73
Isopropylbenzene
Concen: 65.280 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06



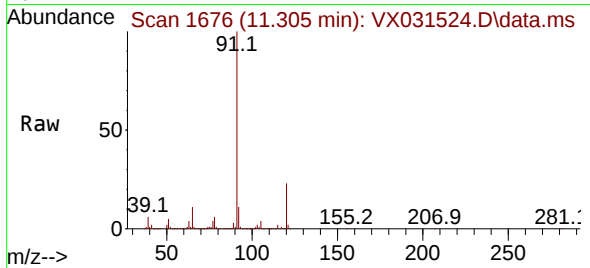
Tgt Ion:105 Resp: 378966
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0





#78
n-propylbenzene
Concen: 128.773 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

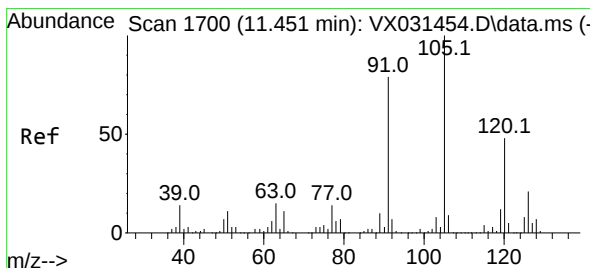
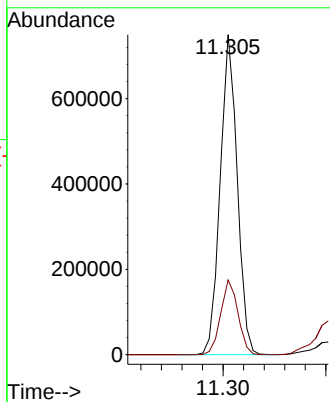
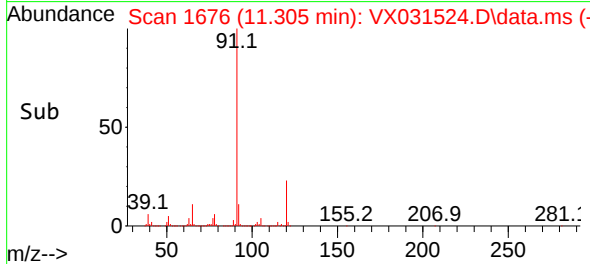
Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion: 91 Resp: 86005
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.4

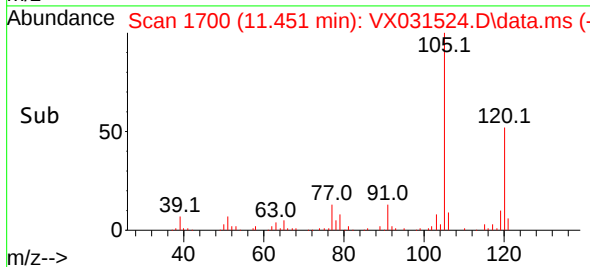
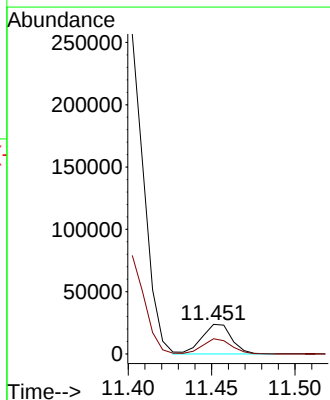
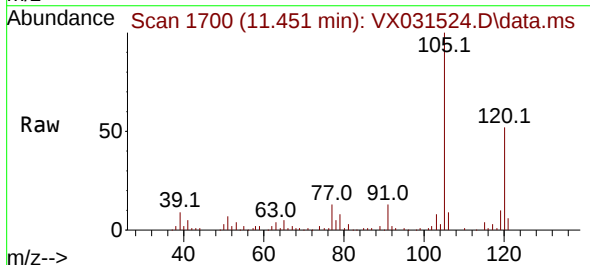
Manual Integrations
APPROVED

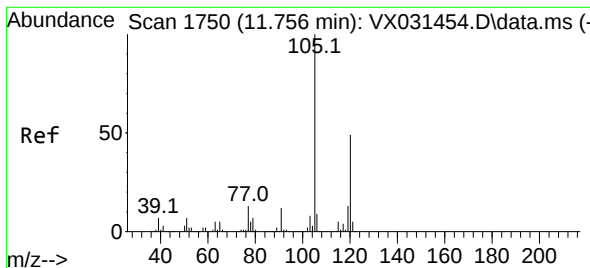
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 6.026 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

Tgt Ion:105 Resp: 29686
Ion Ratio Lower Upper
105 100
120 388.1 24.5 73.5#





#84

1,2,4-Trimethylbenzene

Concen: 305.208 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX031524.D

Acq: 21 Sep 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

H-1R

Tgt Ion:105 Resp: 148084

Ion Ratio Lower Upper

105 100

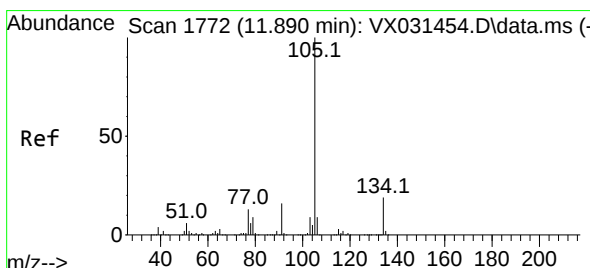
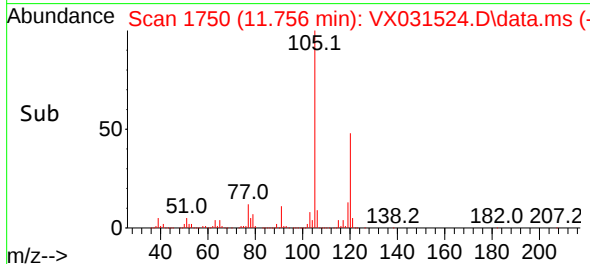
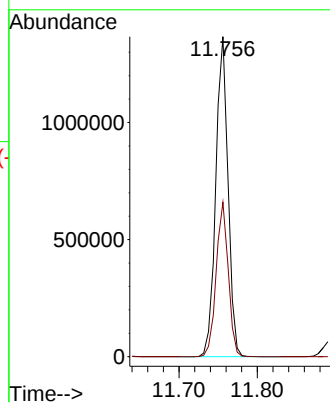
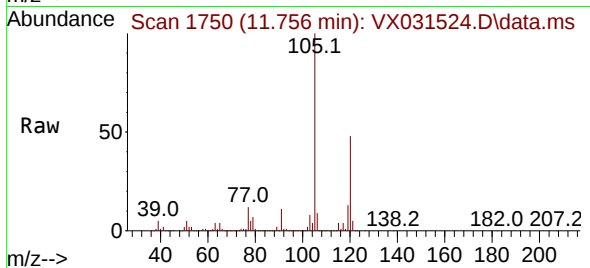
120 47.8 22.6 67.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#85

sec-Butylbenzene

Concen: 12.642 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031524.D

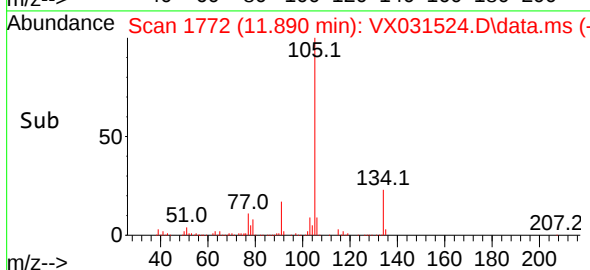
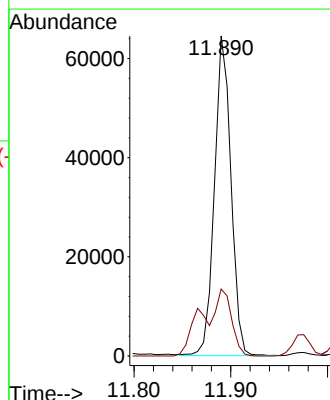
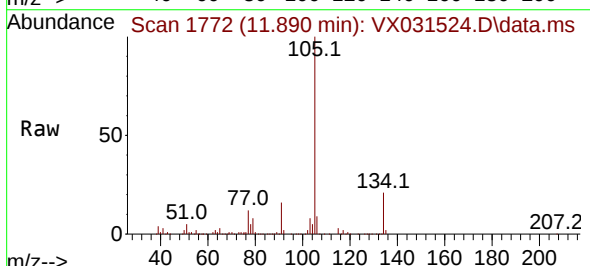
Acq: 21 Sep 2022 15:06

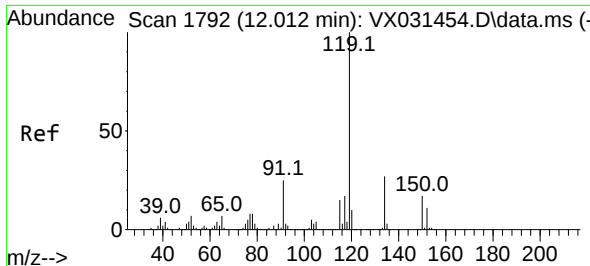
Tgt Ion:105 Resp: 76392

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1





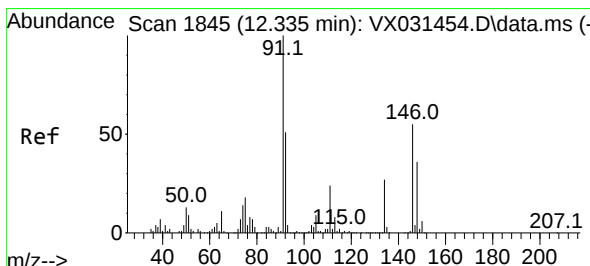
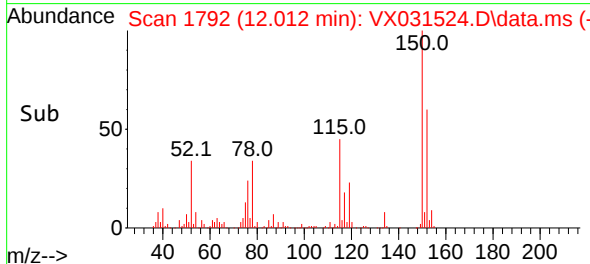
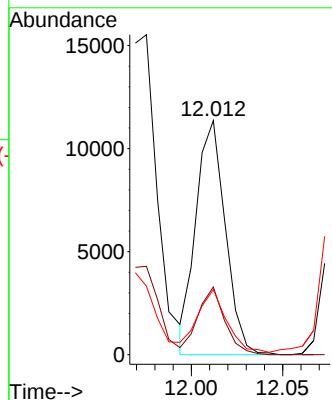
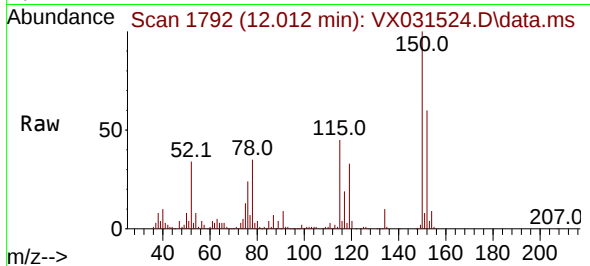
#86
p-Isopropyltoluene
Concen: 2.492 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
H-1R

Tgt Ion:	119	Resp:	12714
Ion Ratio	Lower	Upper	
119	100		
134	0.0	13.4	40.2
91	0.0	12.4	37.2

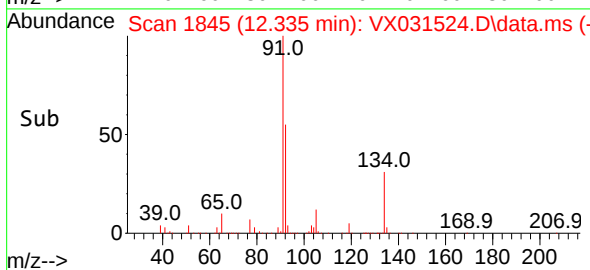
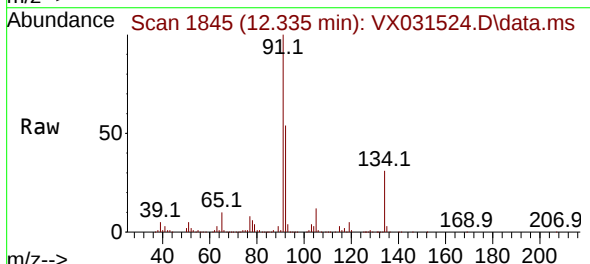
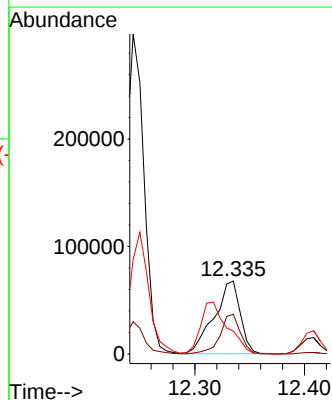
Manual Integrations
APPROVED

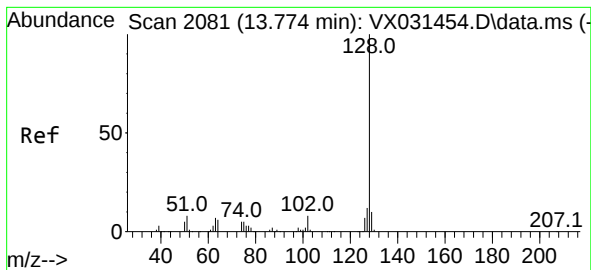
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#89
n-Butylbenzene
Concen: 25.738 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

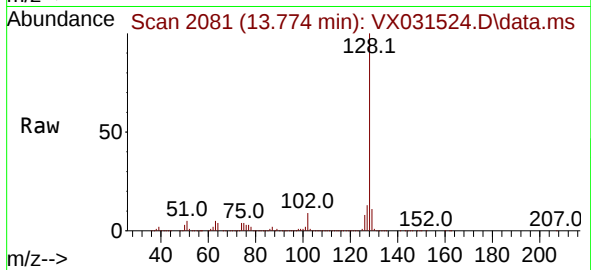
Tgt Ion:	91	Resp:	111875
Ion Ratio	Lower	Upper	
91	100		
92	42.7	27.0	81.0
134	73.3	13.3	39.9





#95
Naphthalene
Concen: 221.629 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031524.D
Acq: 21 Sep 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion:128 Resp: 1235129
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.4 8.8 13.2

Manual Integrations
APPROVED

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

