

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031655.D
 Acq On : 26 Sep 2022 17:50
 Operator : JC/MD
 Sample : N4641-01DL 5X
 Misc : 7.24g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22005-3DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 01:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	44781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65346	68.754	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 137.500%#			
35) Dibromofluoromethane	5.385	113	48667	52.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.300%			
50) Toluene-d8	8.647	98	157745	47.072	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.140%			
62) 4-Bromofluorobenzene	11.079	95	63641	51.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.620%			
Target Compounds						
					Qvalue	
31) Cyclohexane	5.483	56	27452	30.378	ug/l #	84
39) Methylcyclohexane	7.379	83	40900	33.816	ug/l	97
40) Benzene	6.038	78	103715	31.811	ug/l	99
52) Toluene	8.720	92	30946	14.239	ug/l	99
67) Ethyl Benzene	10.195	91	357553	87.510	ug/l	100
68) m/p-Xylenes	10.299	106	425628	259.263	ug/l	97
69) o-Xylene	10.640	106	70351	43.842	ug/l	96
73) Isopropylbenzene	10.964	105	44295	10.088	ug/l	98
78) n-propylbenzene	11.305	91	189697	38.823	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	258666	69.493	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	939979	255.129	ug/l	97
85) sec-Butylbenzene	11.890	105	23588m	5.171	ug/l	
86) p-Isopropyltoluene	12.012	119	11774	2.993	ug/l	97
89) n-Butylbenzene	12.323	91	81117	25.243	ug/l #	27
95) Naphthalene	13.774	128	265687	62.763	ug/l	99

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

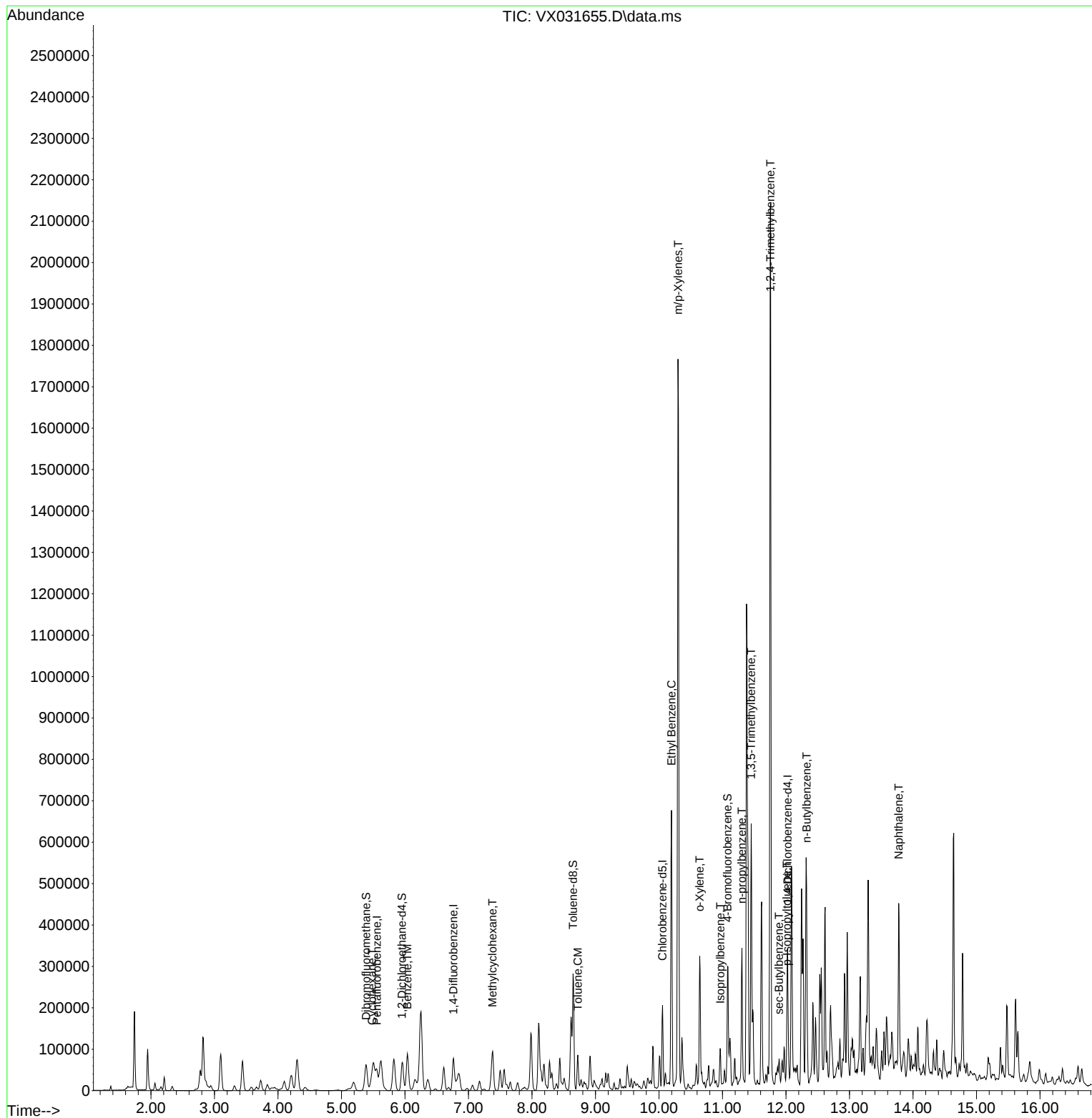
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
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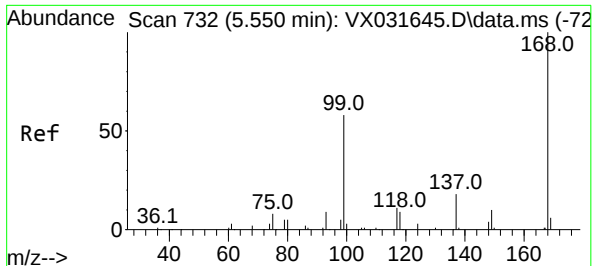
Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL

Quant Time: Sep 27 01:54:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

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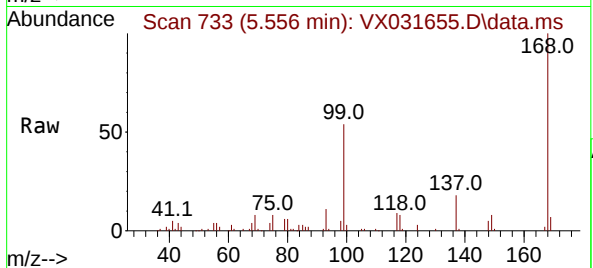
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

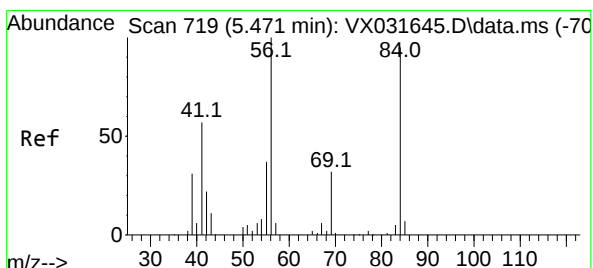
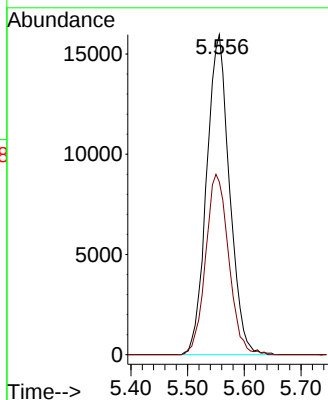
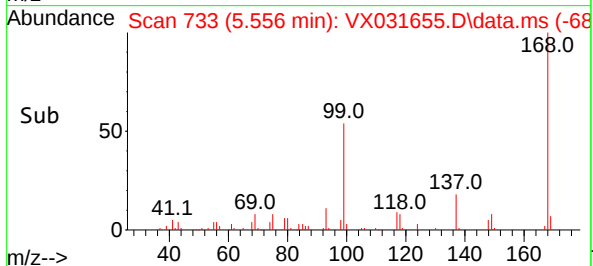
Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL



Tgt Ion: 168 Resp: 4478
Ion Ratio Lower Upper
168 100
99 54.0 48.8 73.2

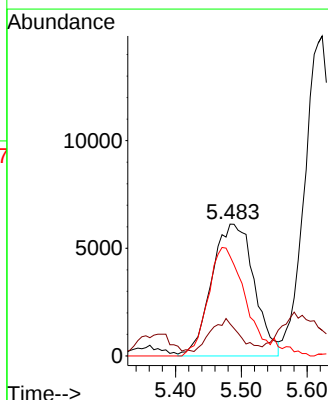
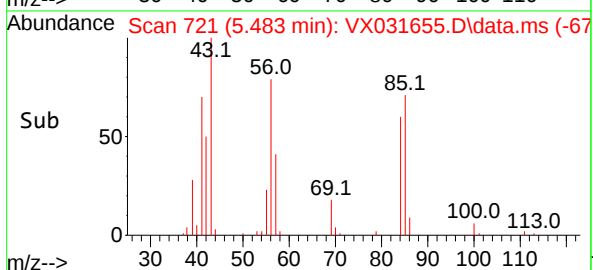
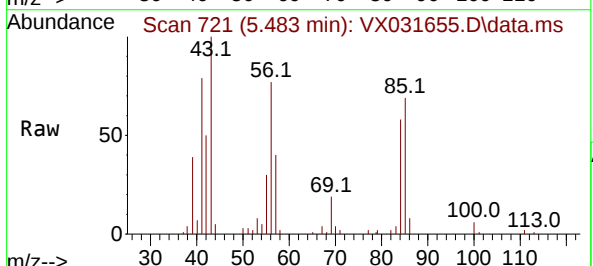
Manual Integrations
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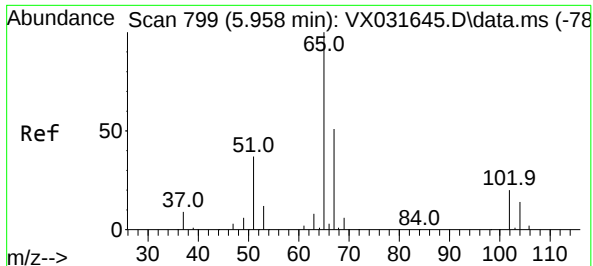
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#31
Cyclohexane
Concen: 30.378 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

Tgt Ion: 56 Resp: 27452
Ion Ratio Lower Upper
56 100
69 17.2 25.1 37.7#
84 76.7 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 68.754 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031655.D

Acq: 26 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

D22005-3DL

Tgt Ion: 65 Resp: 65340

Ion Ratio Lower Upper

65 100

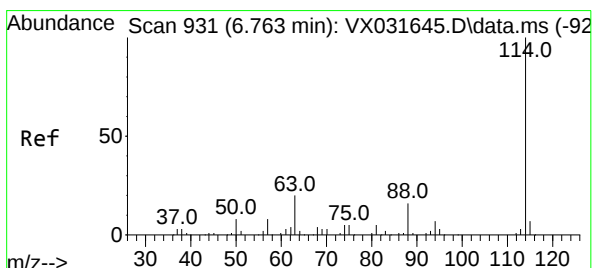
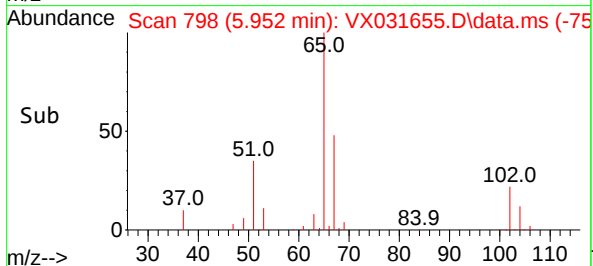
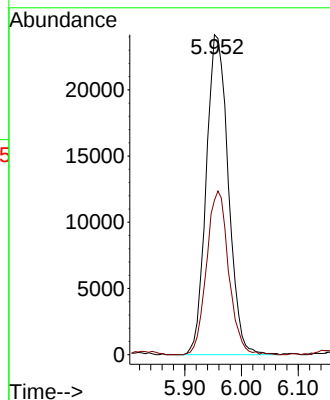
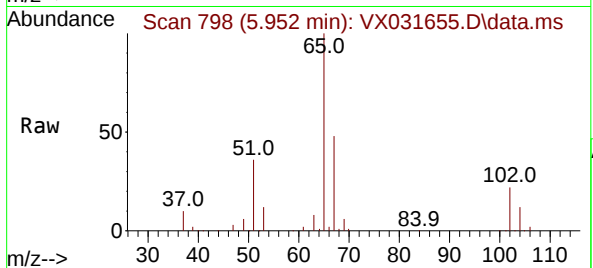
67 51.2 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031655.D

Acq: 26 Sep 2022 17:50

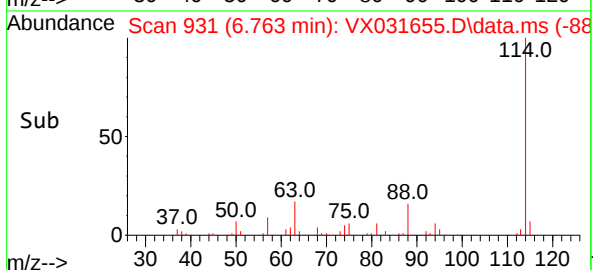
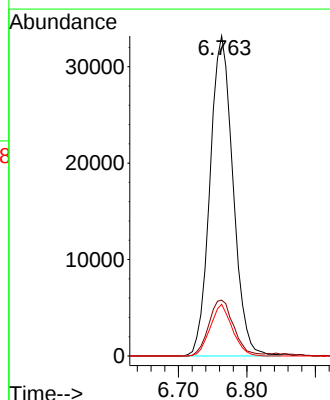
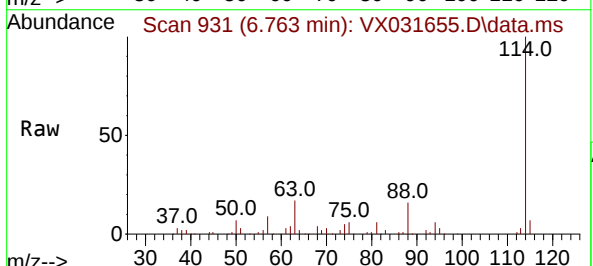
Tgt Ion:114 Resp: 77577

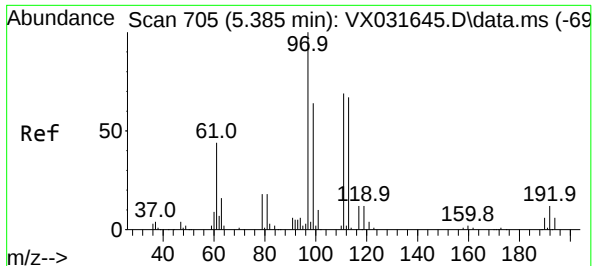
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.6

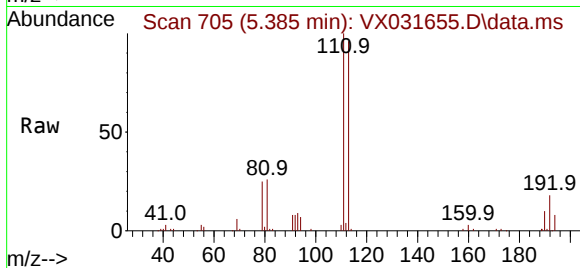
88 16.1 0.0 33.0





#35
Dibromofluoromethane
Concen: 52.650 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

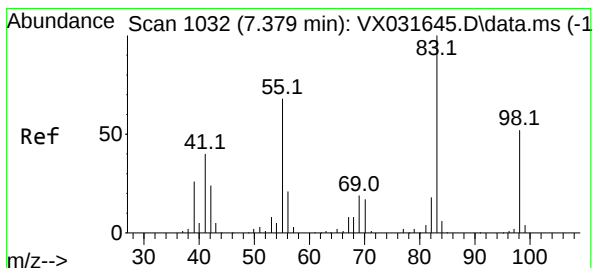
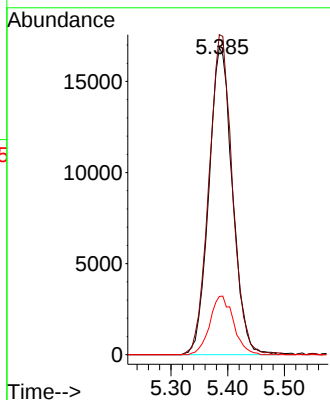
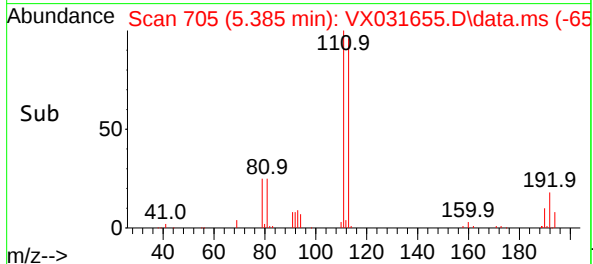
Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL



Tgt Ion:113 Resp: 4866
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 19.2 14.1 21.1

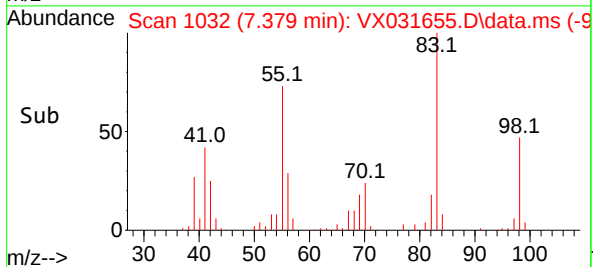
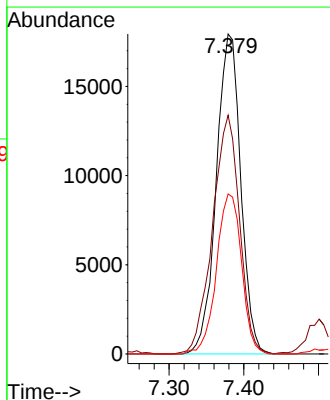
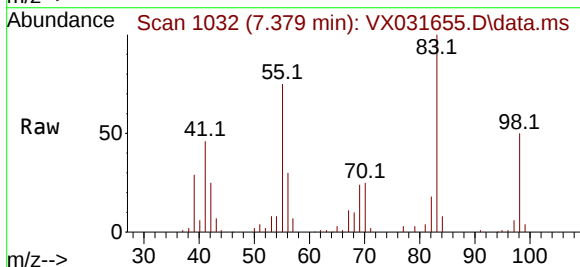
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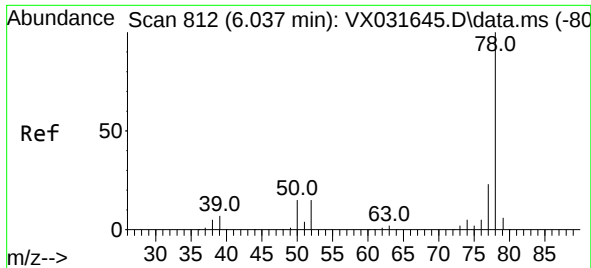
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#39
Methylcyclohexane
Concen: 33.816 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

Tgt Ion: 83 Resp: 40900
Ion Ratio Lower Upper
83 100
55 74.3 61.0 91.4
98 50.0 37.7 56.5





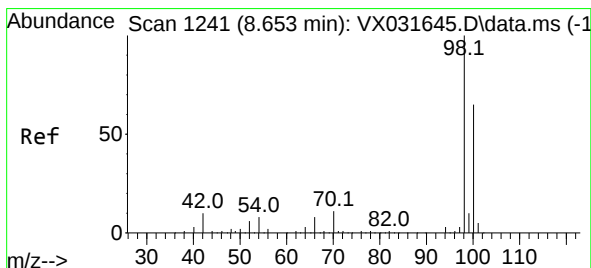
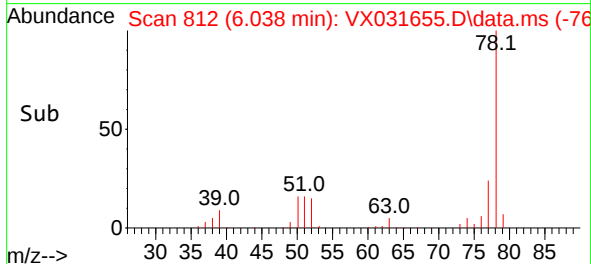
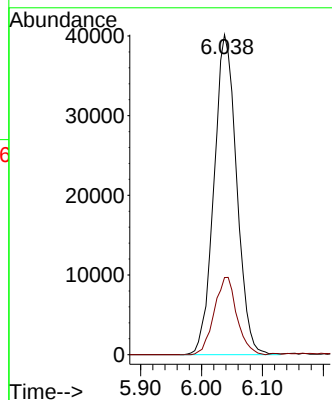
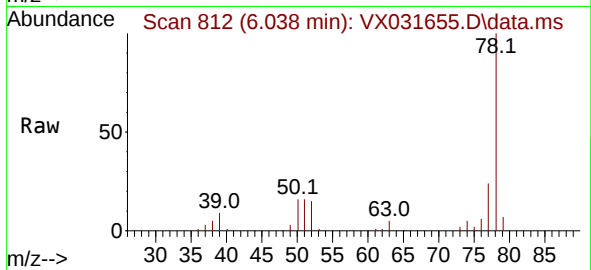
#40
Benzene
Concen: 31.811 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL

Tgt Ion: 78 Resp: 103715
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

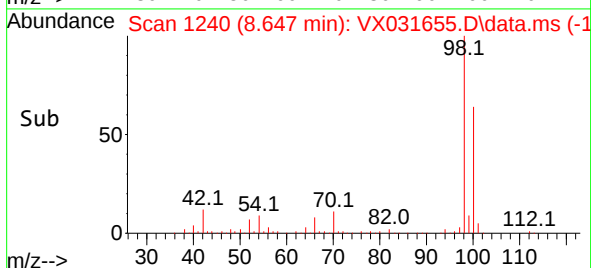
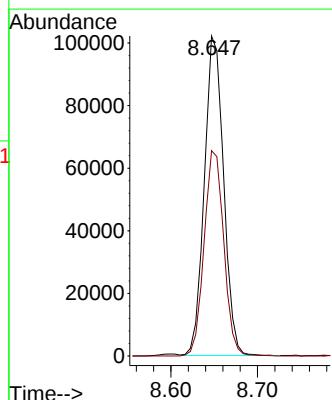
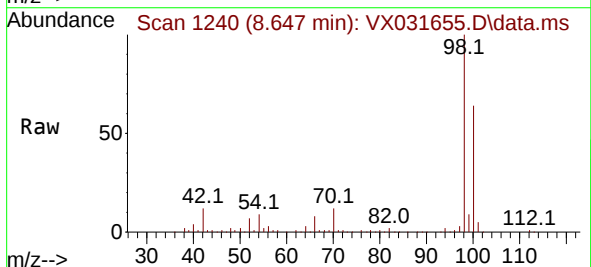
Manual Integrations
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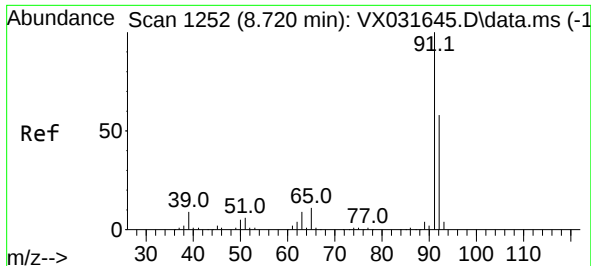
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#50
Toluene-d8
Concen: 47.072 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

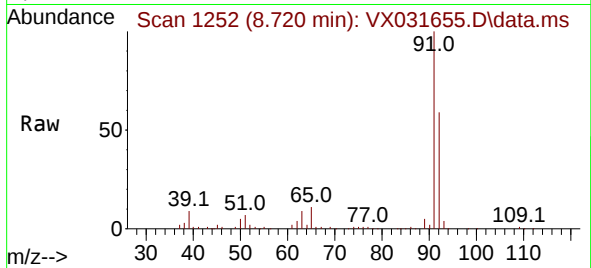
Tgt Ion: 98 Resp: 157745
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#52
Toluene
Concen: 14.239 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

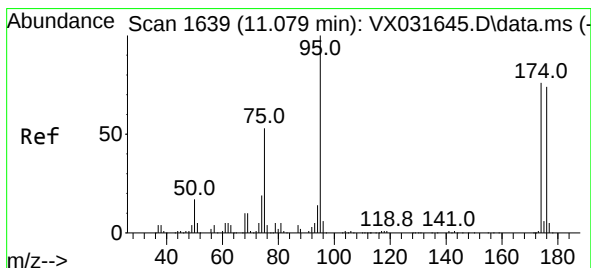
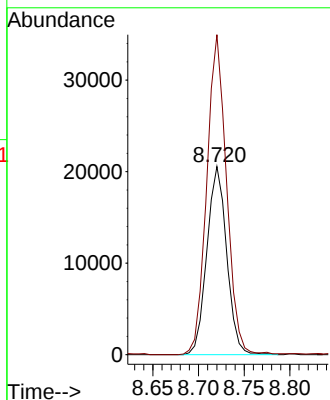
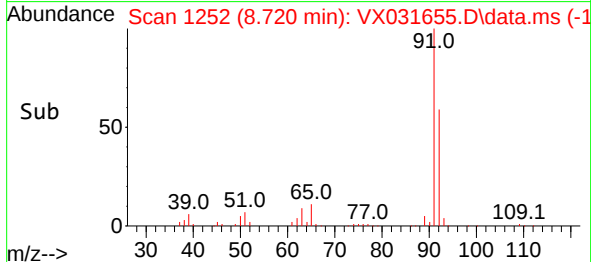
Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL



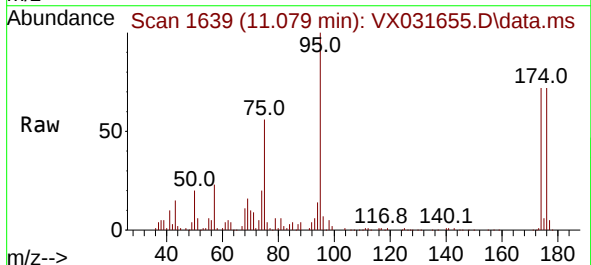
Tgt Ion: 92 Resp: 30940
Ion Ratio Lower Upper
92 100
91 170.0 137.1 205.7

Manual Integrations
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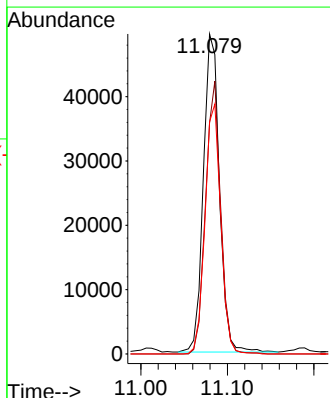
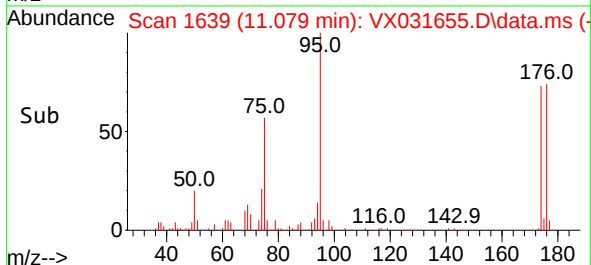
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

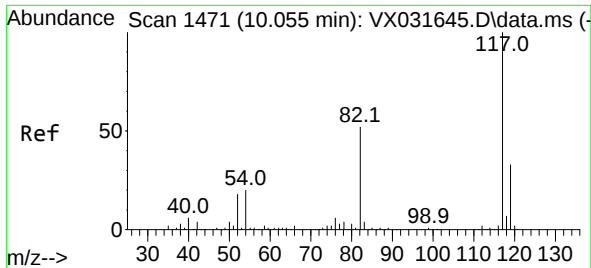


#62
4-Bromofluorobenzene
Concen: 51.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50



Tgt Ion: 95 Resp: 63641
Ion Ratio Lower Upper
95 100
174 80.8 0.0 153.2
176 77.2 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: VX031655.D

Acq: 26 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

D22005-3DL

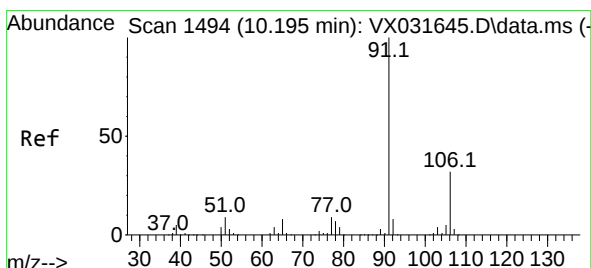
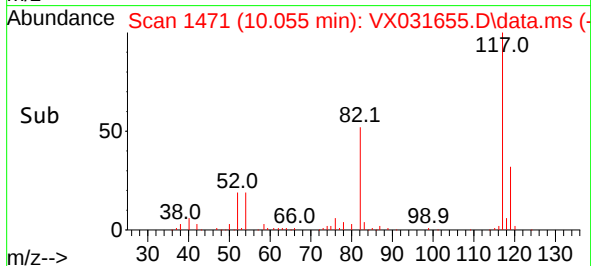
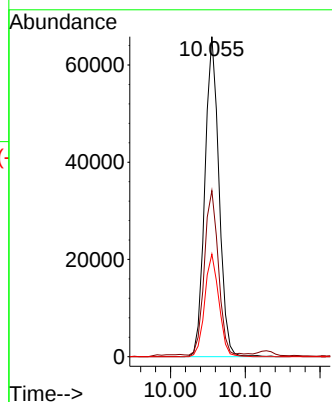
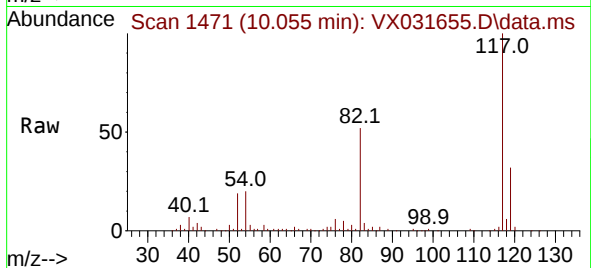
Tgt Ion:117	Resp:	86214
Ion Ratio	Lower	Upper
117	100	
82	51.5	46.8 70.2
119	32.0	26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#67

Ethyl Benzene

Concen: 87.510 ug/l

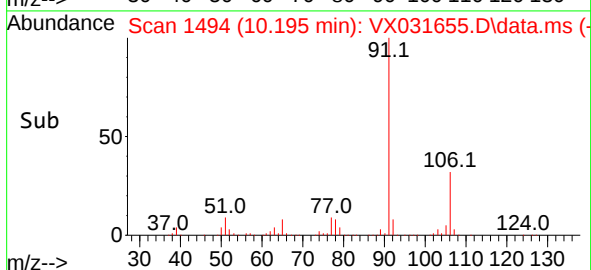
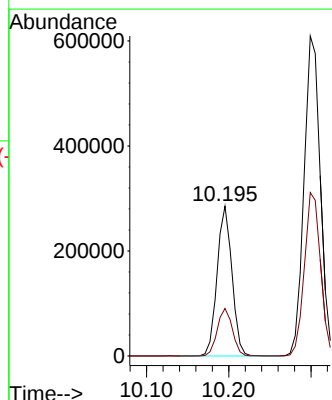
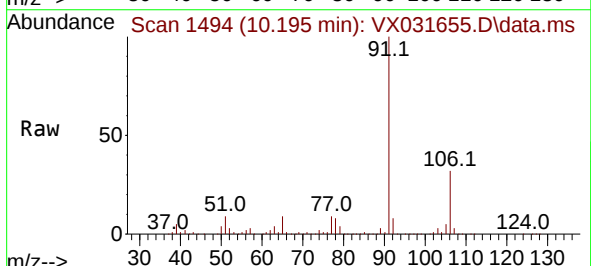
RT: 10.195 min Scan# 1494

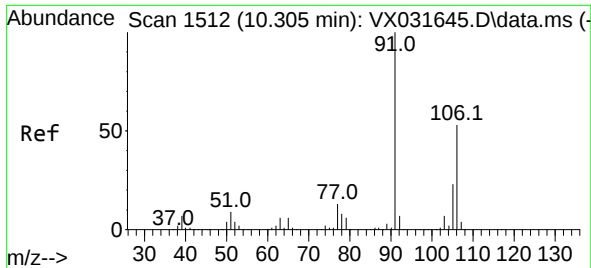
Delta R.T. 0.000 min

Lab File: VX031655.D

Acq: 26 Sep 2022 17:50

Tgt Ion: 91	Resp:	357553
Ion Ratio	Lower	Upper
91	100	
106	31.7	25.2 37.8





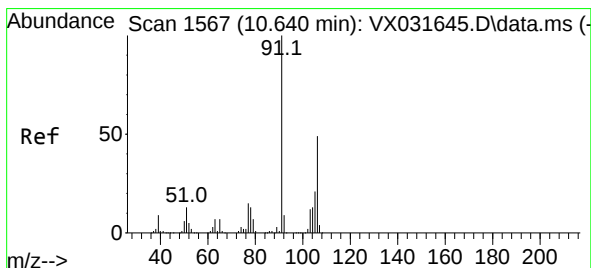
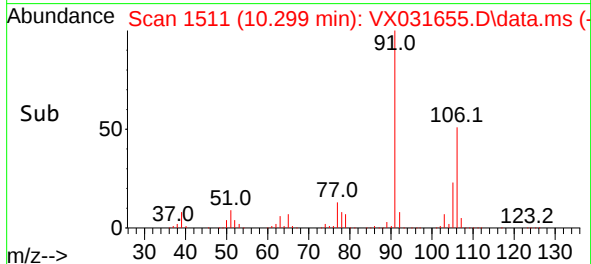
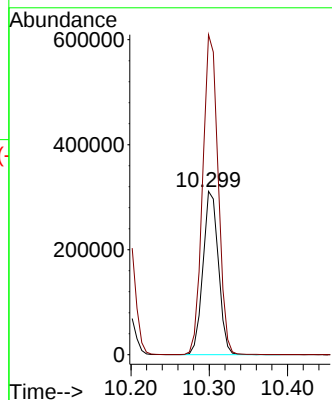
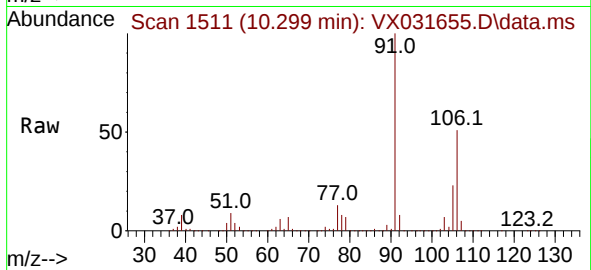
#68
m/p-Xylenes
Concen: 259.263 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL

Tgt Ion:106 Resp: 425628
Ion Ratio Lower Upper
106 100
91 196.2 161.0 241.4

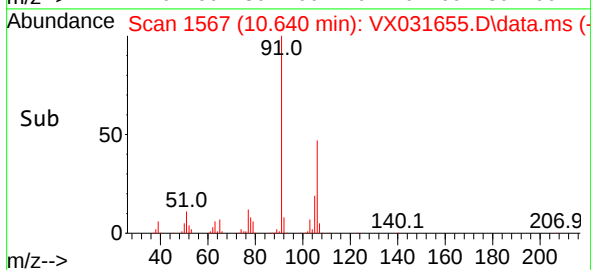
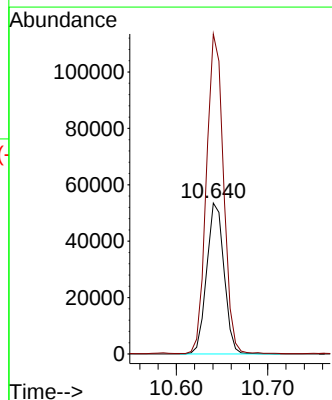
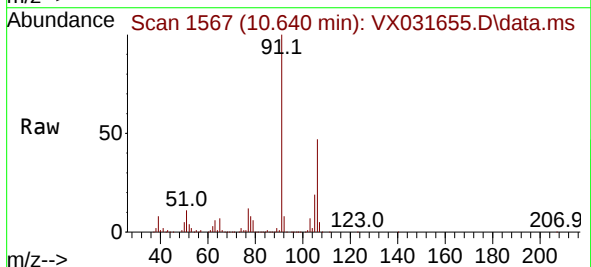
Manual Integrations
APPROVED

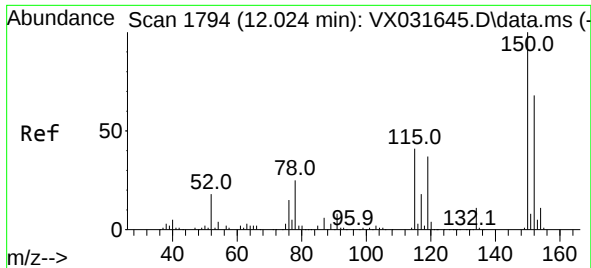
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#69
o-Xylene
Concen: 43.842 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

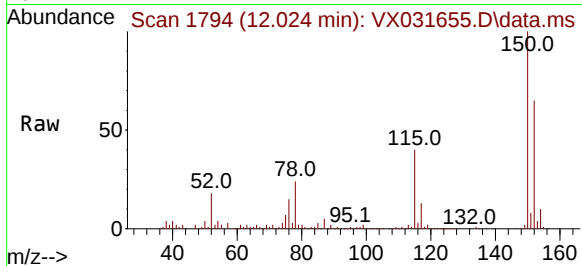
Tgt Ion:106 Resp: 70351
Ion Ratio Lower Upper
106 100
91 208.1 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

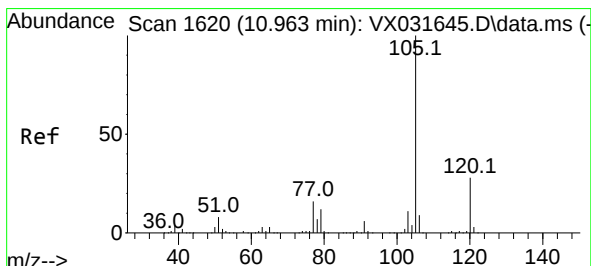
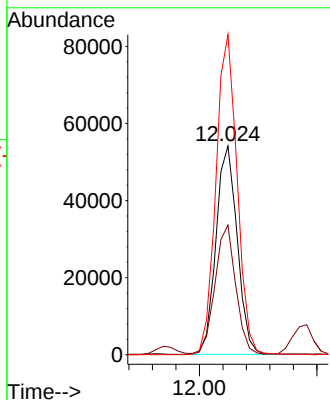
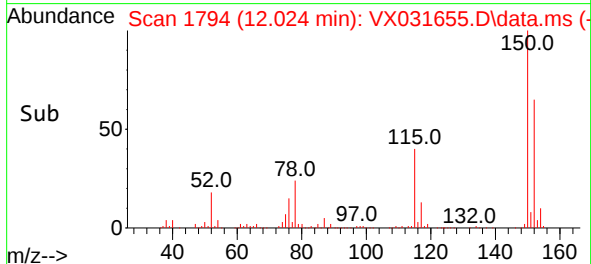
Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL



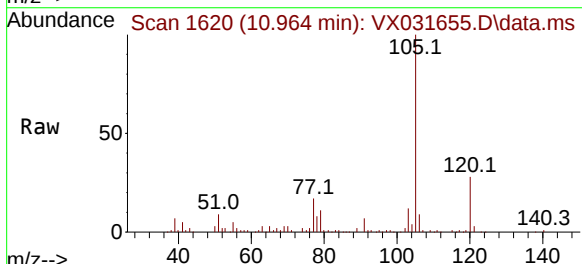
Tgt Ion:152 Resp: 67898
Ion Ratio Lower Upper
152 100
115 60.6 43.4 130.1
150 153.4 0.0 346.8

Manual Integrations
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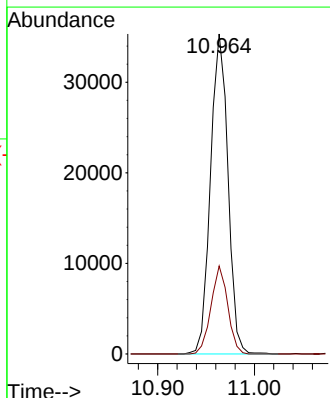
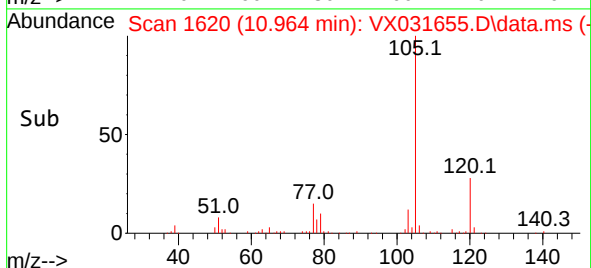
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

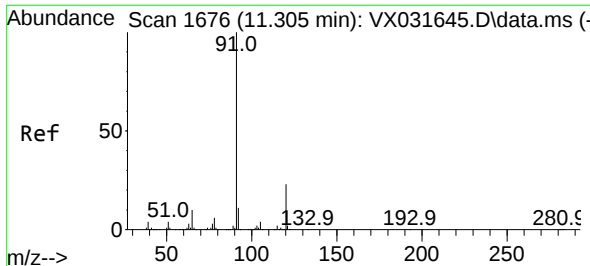


#73
Isopropylbenzene
Concen: 10.088 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50



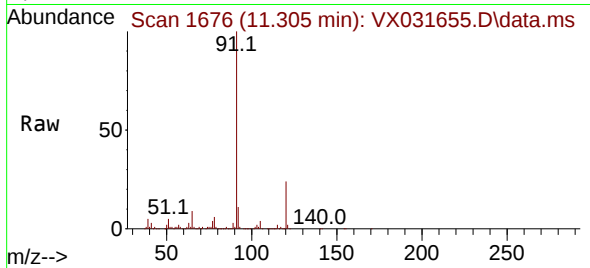
Tgt Ion:105 Resp: 44295
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0





#78
n-propylbenzene
Concen: 38.823 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

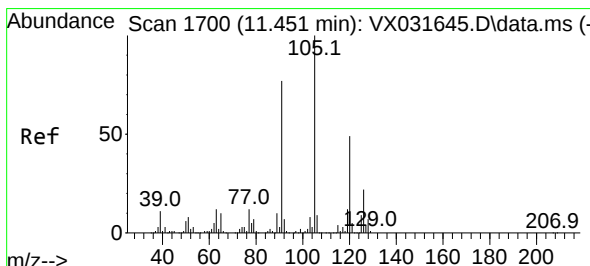
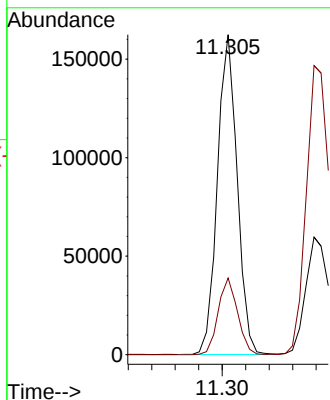
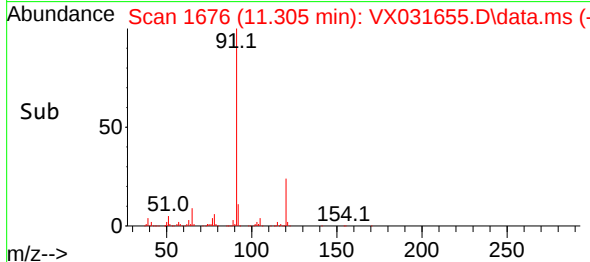
Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL



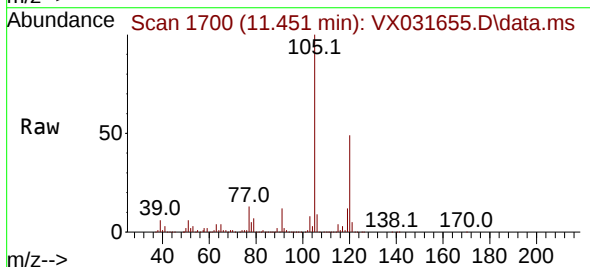
Tgt Ion: 91 Resp: 189697
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4

Manual Integrations
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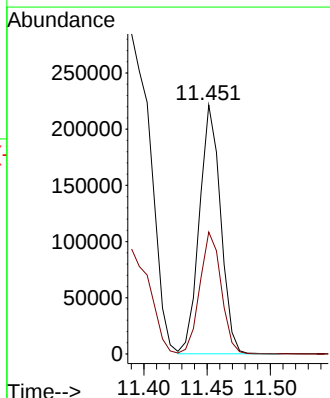
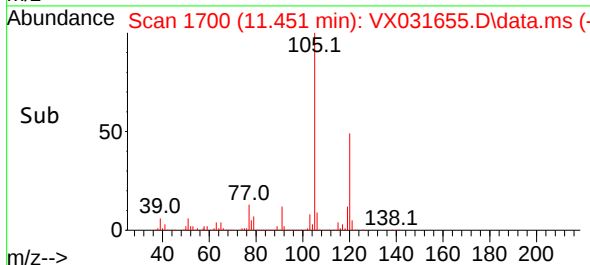
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

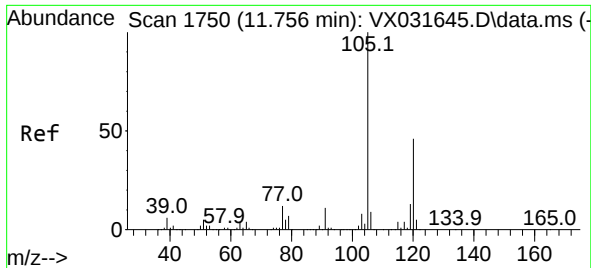


#80
1,3,5-Trimethylbenzene
Concen: 69.493 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50



Tgt Ion:105 Resp: 258666
Ion Ratio Lower Upper
105 100
120 49.3 24.5 73.5





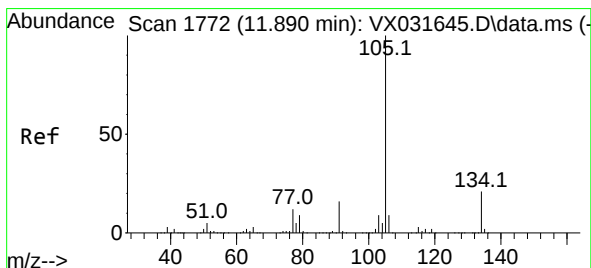
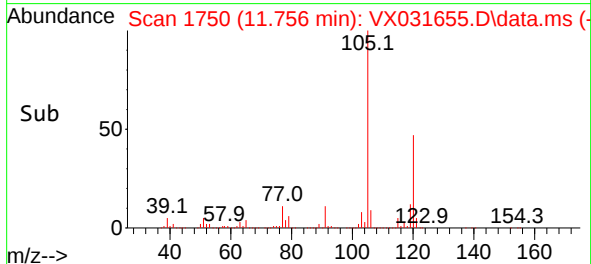
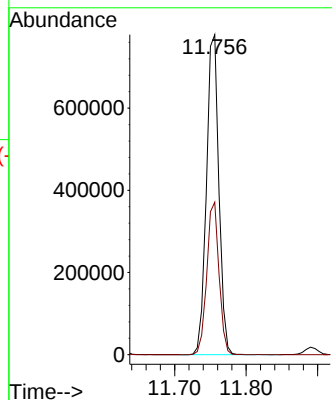
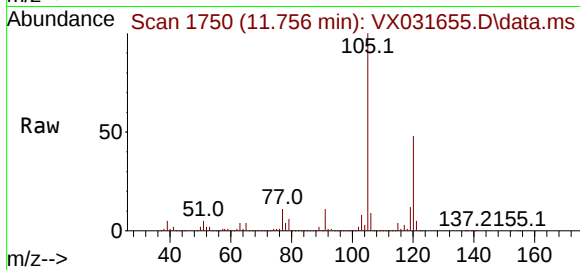
#84
1,2,4-Trimethylbenzene
Concen: 255.129 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL

Tgt Ion:105 Resp: 939979
Ion Ratio Lower Upper
105 100
120 47.0 22.6 67.8

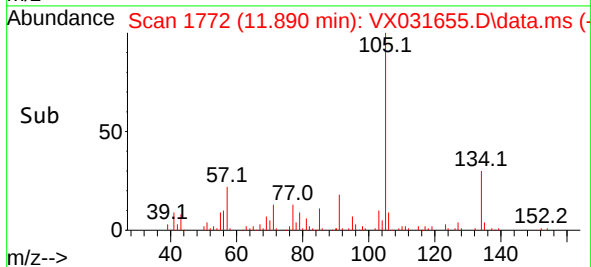
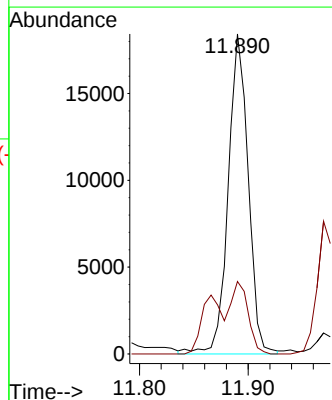
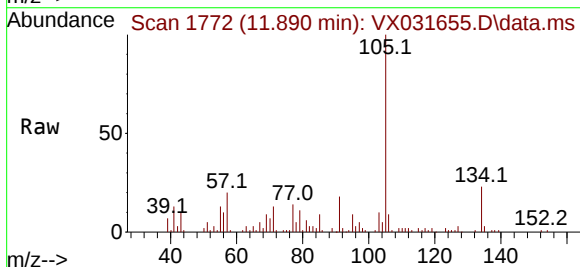
Manual Integrations
APPROVED

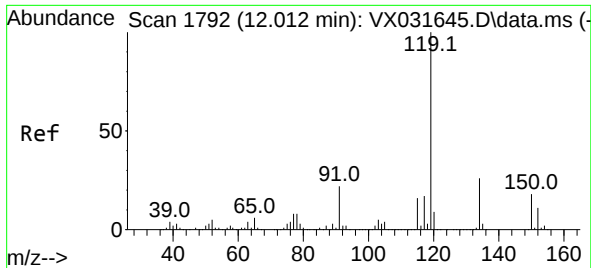
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#85
sec-Butylbenzene
Concen: 5.171 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

Tgt Ion:105 Resp: 23588
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





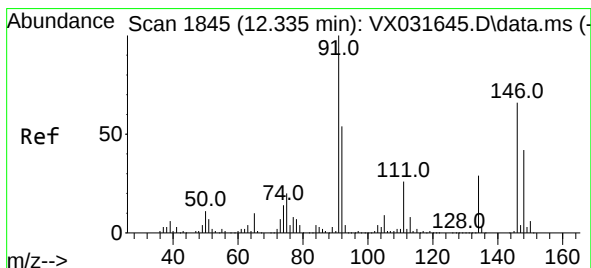
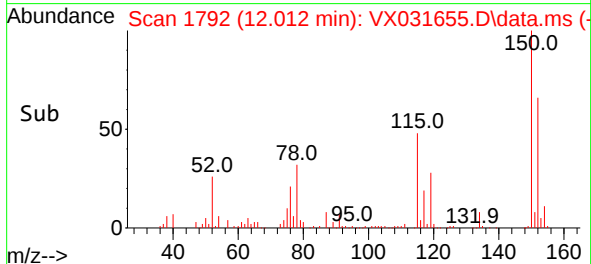
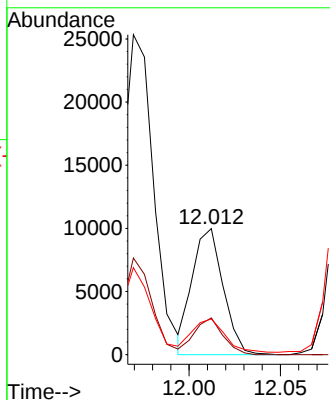
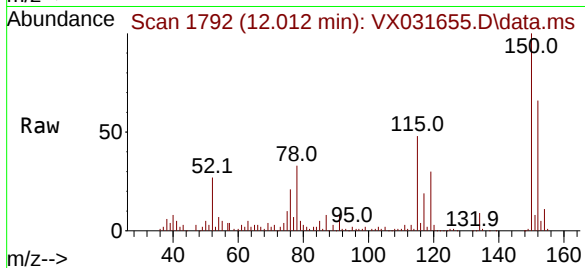
#86
p-Isopropyltoluene
Concen: 2.993 ug/l
RT: 12.012 min Scan# 11774
Delta R.T. 0.000 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
D22005-3DL

Tgt Ion:119 Resp: 11774
Ion Ratio Lower Upper
119 100
134 27.0 13.4 40.2
91 27.4 12.4 37.2

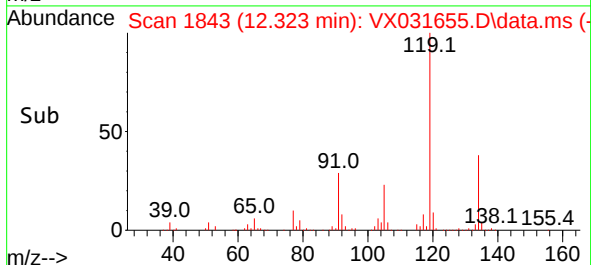
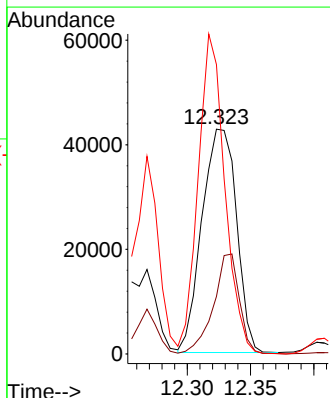
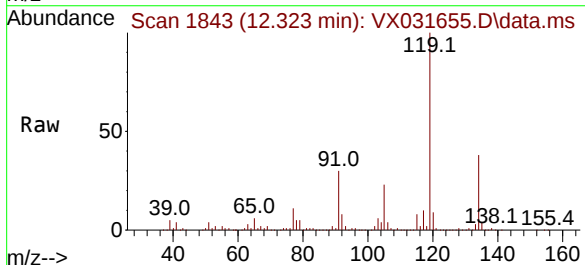
Manual Integrations
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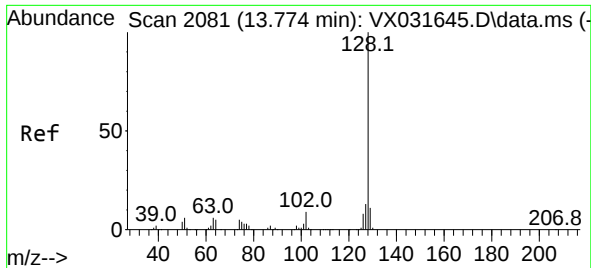
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#89
n-Butylbenzene
Concen: 25.243 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX031655.D
Acq: 26 Sep 2022 17:50

Tgt Ion: 91 Resp: 81117
Ion Ratio Lower Upper
91 100
92 33.7 27.0 81.0
134 110.8 13.3 39.9#





#95

Naphthalene

Concen: 62.763 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031655.D

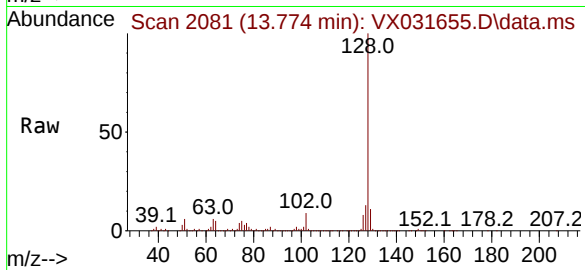
Acq: 26 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

D22005-3DL



Tgt Ion:128 Resp: 26568

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022

