

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033160.D
 Acq On : 01 Dec 2022 14:00
 Operator : JC/MD
 Sample : N5815-13DL 80X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 00:51:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71885	54.104	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.200%			
35) Dibromofluoromethane	5.385	113	56763	46.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.800%			
50) Toluene-d8	8.647	98	189280	51.490	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.079	95	72838	45.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.660%			
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	4754	2.205	ug/l #	92
39) Methylcyclohexane	7.379	83	3503	1.570	ug/l	96
40) Benzene	6.044	78	8864	1.616	ug/l	93
52) Toluene	8.720	92	1903	0.527	ug/l	99
67) Ethyl Benzene	10.195	91	138168	20.305	ug/l	97
68) m/p-Xylenes	10.299	106	63741	23.922	ug/l	99
69) o-Xylene	10.640	106	11894	4.613	ug/l	99
73) Isopropylbenzene	10.964	105	15855	2.368	ug/l	100
78) n-propylbenzene	11.305	91	52141	6.812	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	58517	10.405	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	208187	37.125	ug/l	99
85) sec-Butylbenzene	11.890	105	3809m	0.569	ug/l	
86) p-Isopropyltoluene	12.006	119	1381m	0.243	ug/l	
89) n-Butylbenzene	12.329	91	10102	2.067	ug/l #	27
95) Naphthalene	13.774	128	33226	5.546	ug/l	99

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

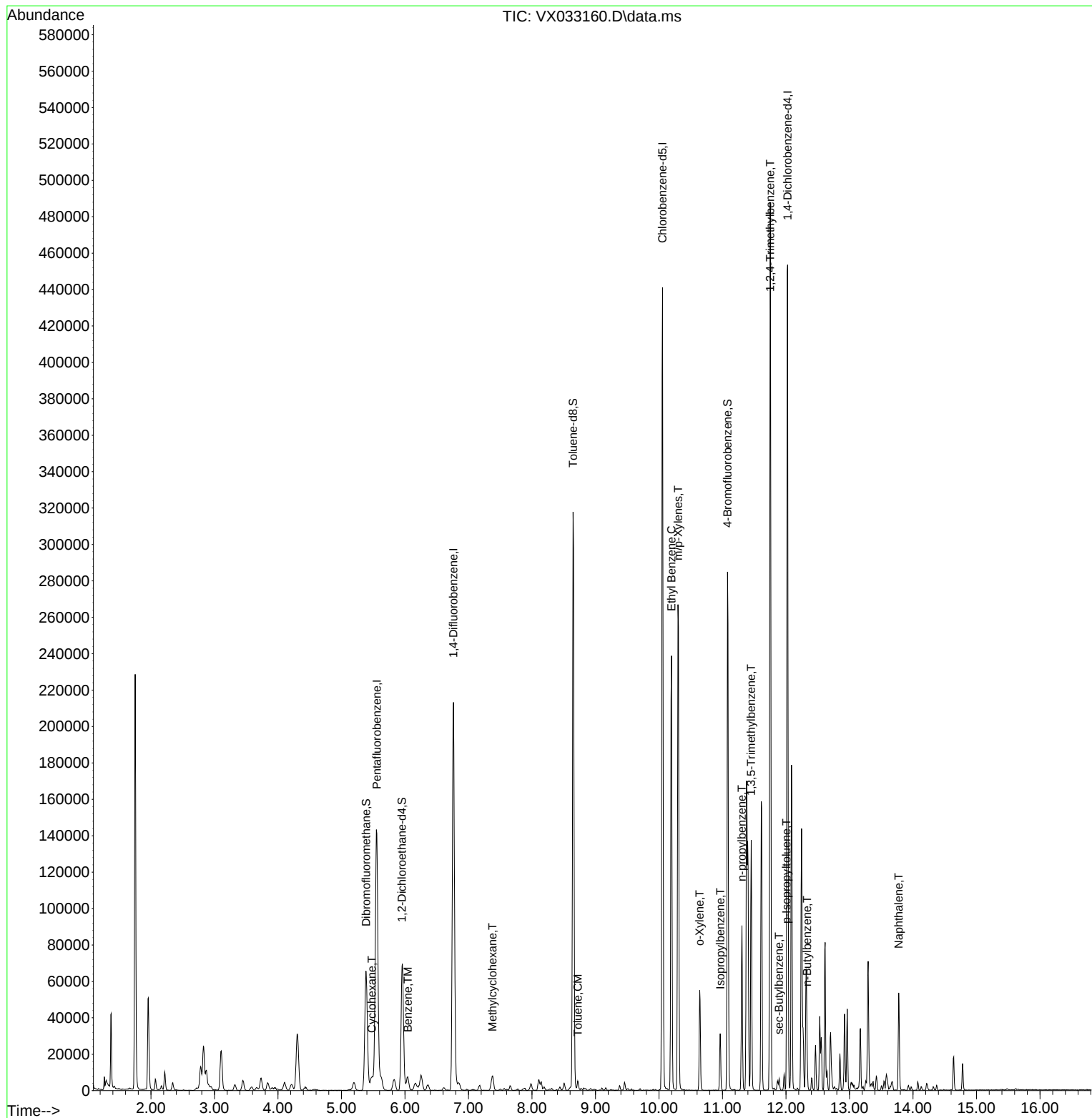
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
Data File : VX033160.D
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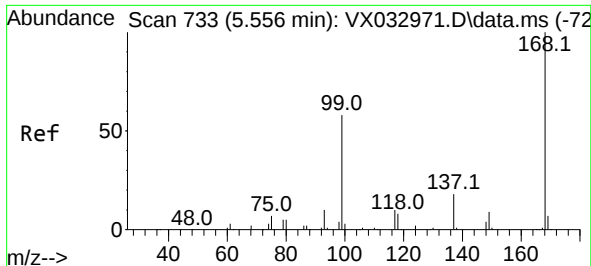
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

Quant Time: Dec 02 00:51:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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QLast Update : Tue Nov 22 13:58:46 2022
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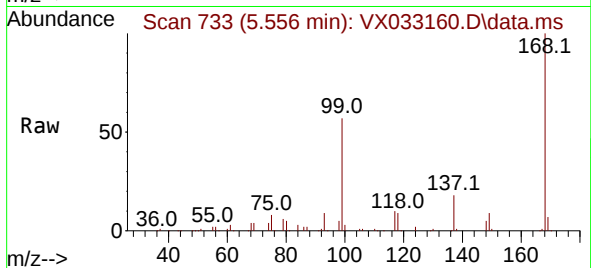
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

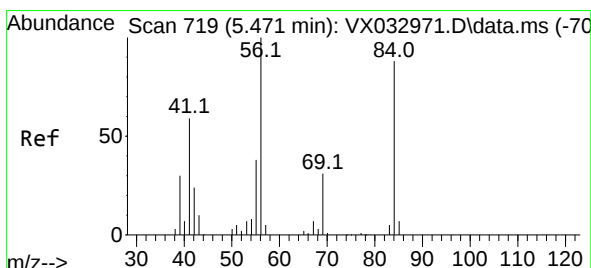
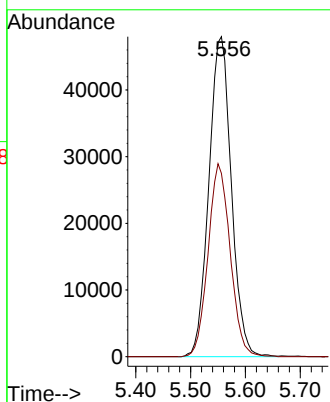
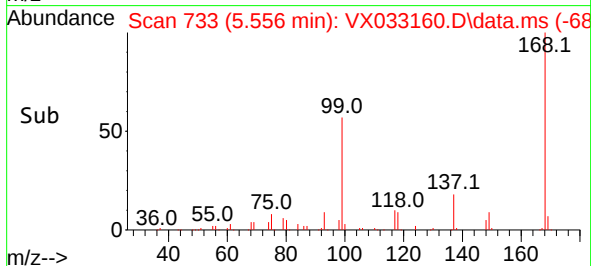
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL



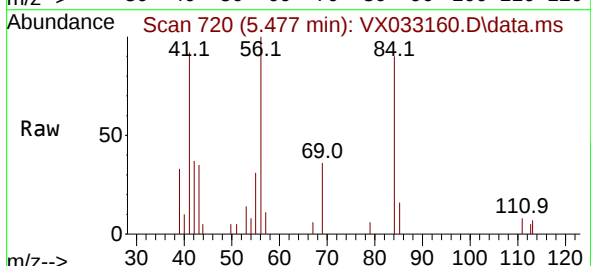
Tgt Ion:168 Resp: 13662
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1

Manual Integrations
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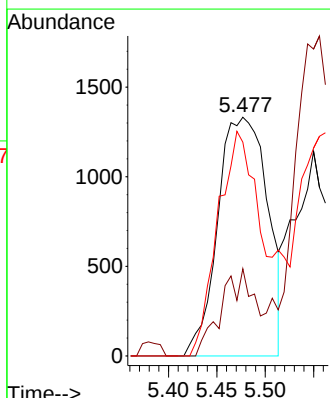
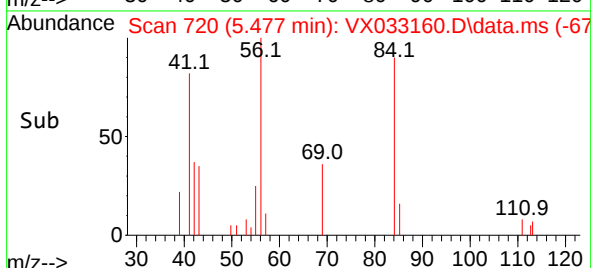
Reviewed By :Krupa Patel 12/02/2022
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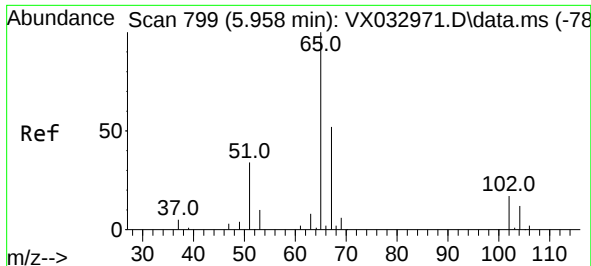


#31
Cyclohexane
Concen: 2.205 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00



Tgt Ion: 56 Resp: 4754
Ion Ratio Lower Upper
56 100
69 36.5 24.1 36.1#
84 89.6 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 54.104 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033160.D

Acq: 01 Dec 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

MW-10DL

Tgt Ion: 65 Resp: 7188

Ion Ratio Lower Upper

65 100

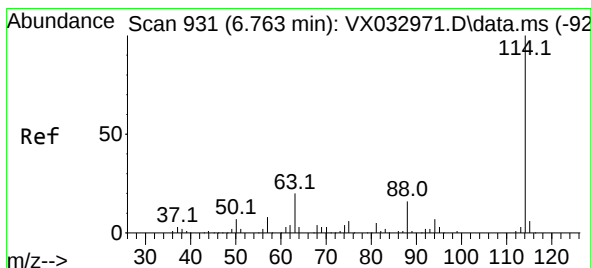
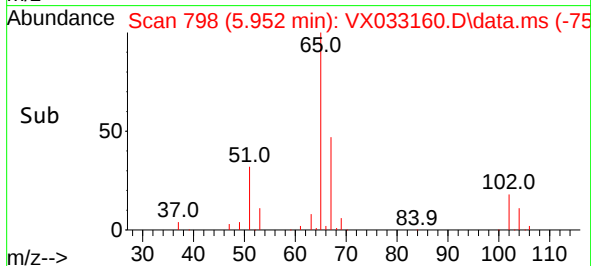
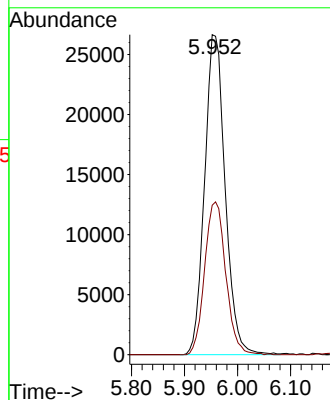
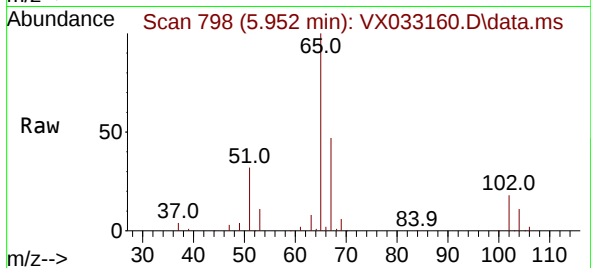
67 49.1 0.0 101.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033160.D

Acq: 01 Dec 2022 14:00

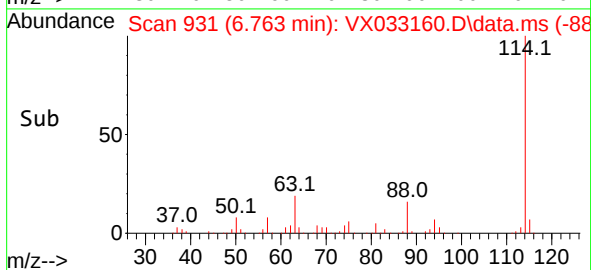
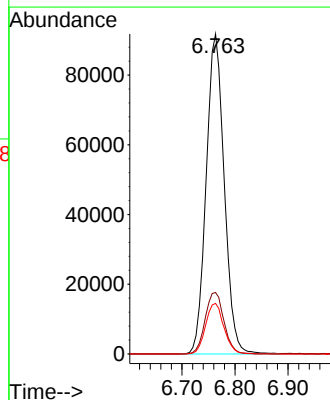
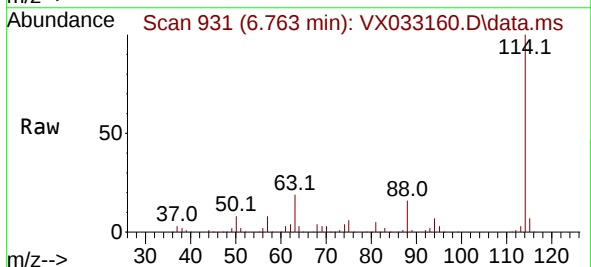
Tgt Ion:114 Resp: 216985

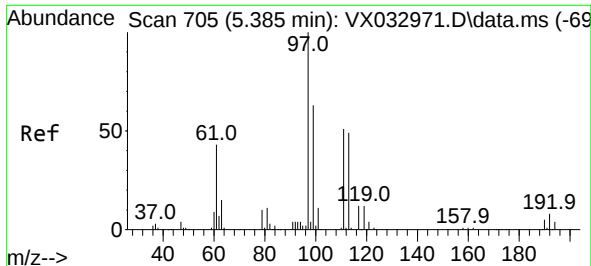
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

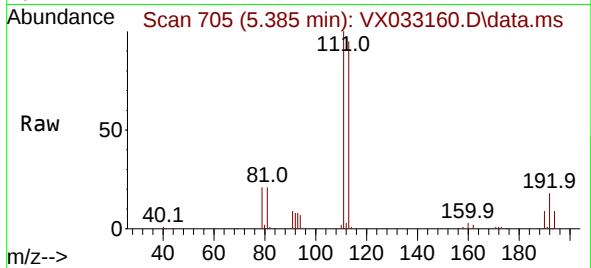
88 15.8 0.0 33.4





#35
Dibromofluoromethane
Concen: 46.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

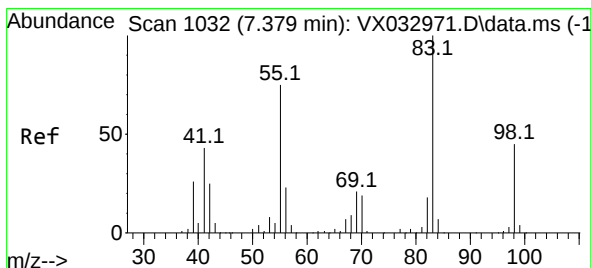
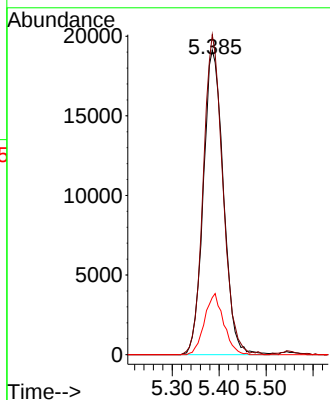
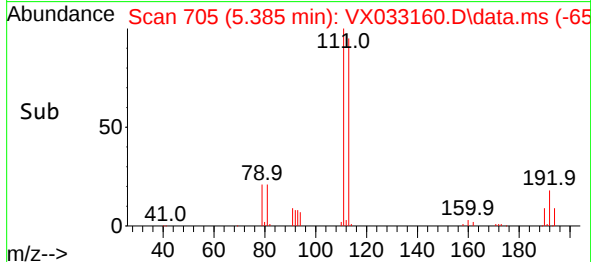
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL



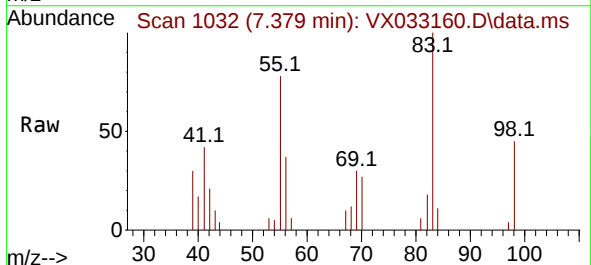
Tgt Ion: 113 Resp: 5676
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.1 15.4 23.2

Manual Integrations
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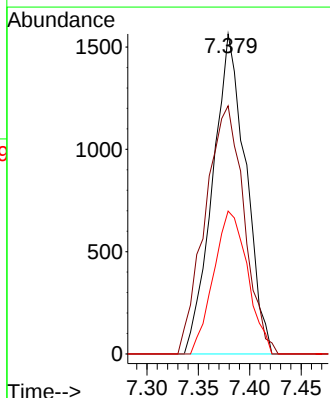
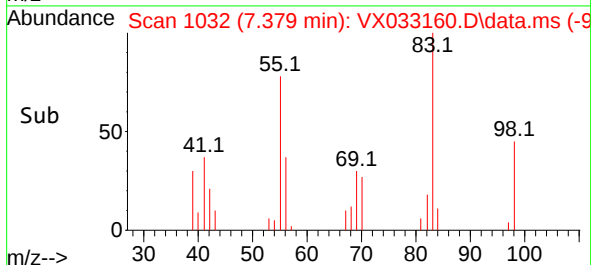
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

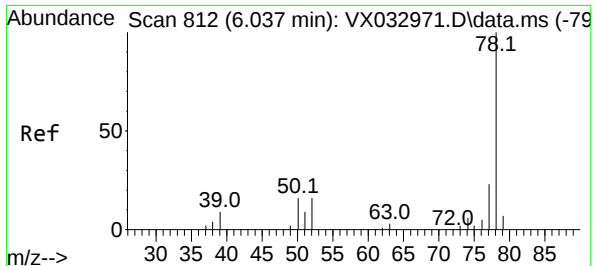


#39
Methylcyclohexane
Concen: 1.570 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00



Tgt Ion: 83 Resp: 3503
Ion Ratio Lower Upper
83 100
55 77.6 58.4 87.6
98 44.6 37.2 55.8





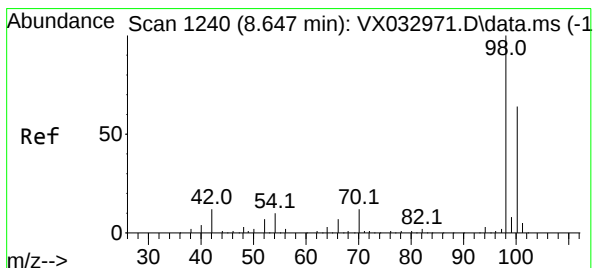
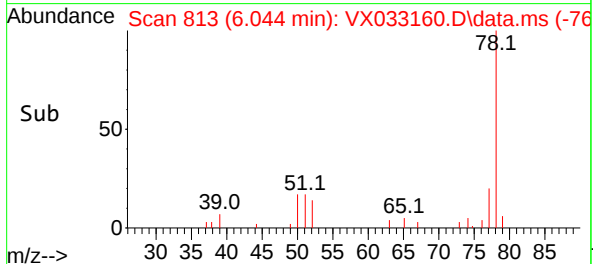
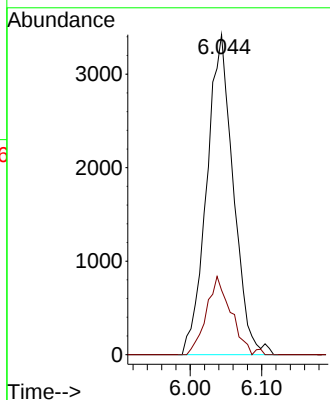
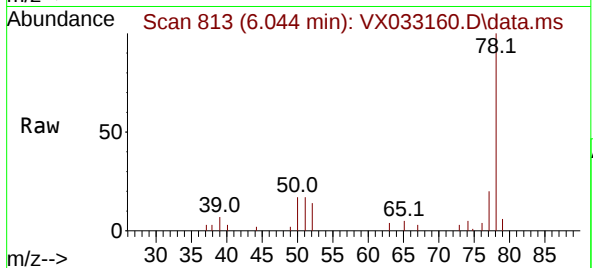
#40
Benzene
Concen: 1.616 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

Tgt Ion: 78 Resp: 8864
Ion Ratio Lower Upper
78 100
77 20.2 19.0 28.4

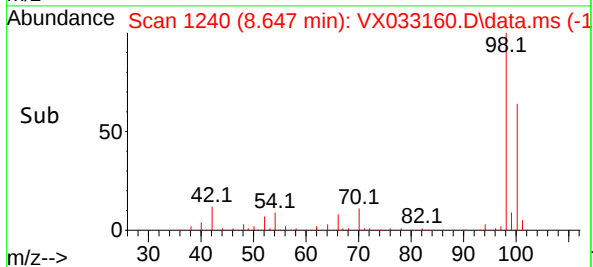
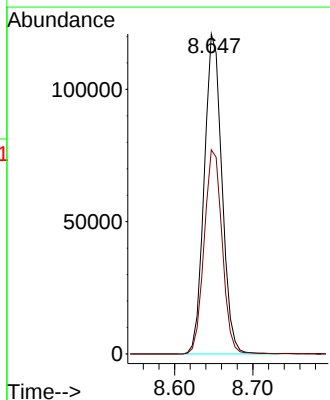
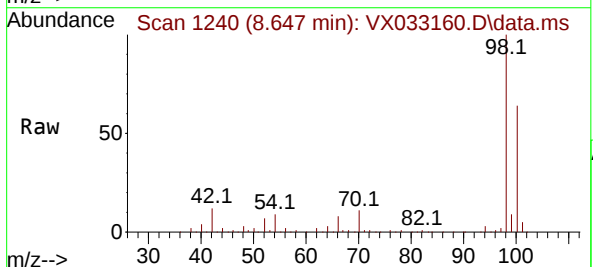
Manual Integrations
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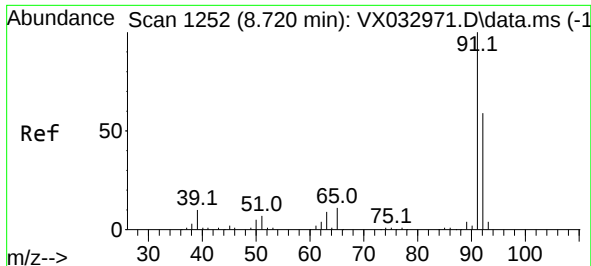
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#50
Toluene-d8
Concen: 51.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

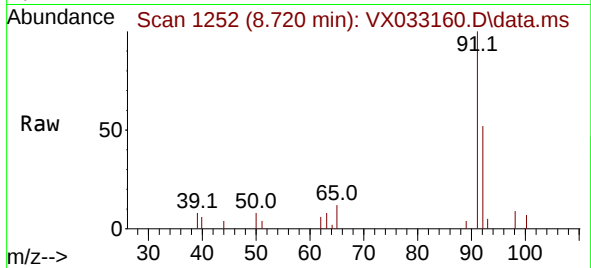
Tgt Ion: 98 Resp: 189280
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3





#52
Toluene
Concen: 0.527 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

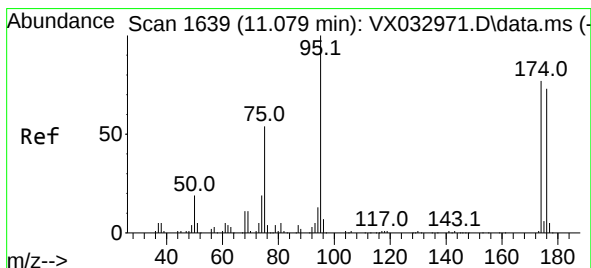
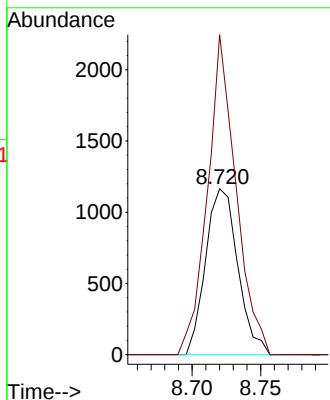
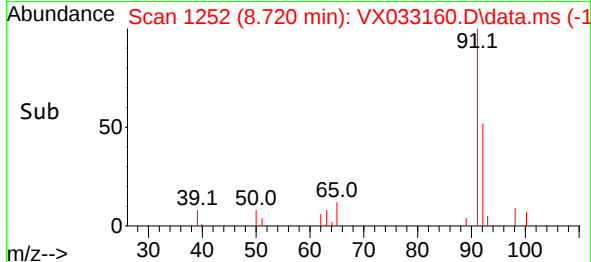
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL



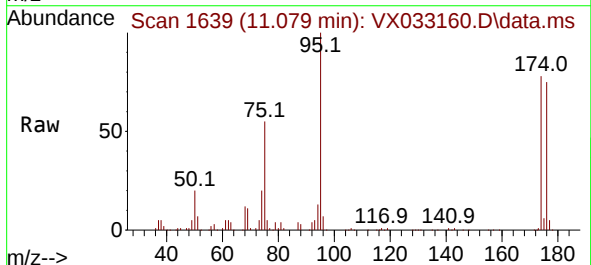
Tgt Ion: 92 Resp: 190
Ion Ratio Lower Upper
92 100
91 171.0 138.3 207.5

Manual Integrations
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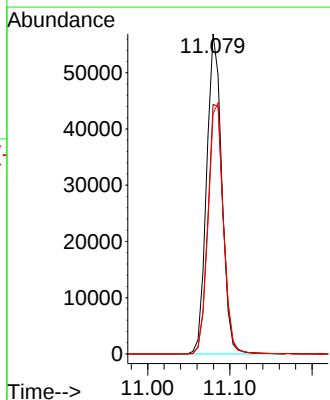
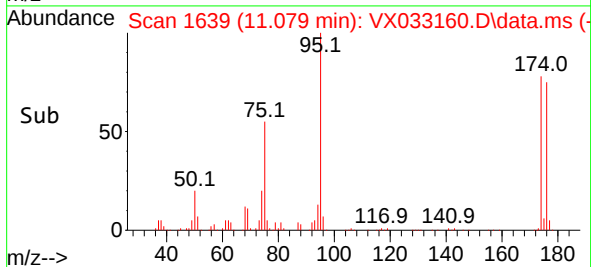
Reviewed By :Krupa Patel 12/02/2022
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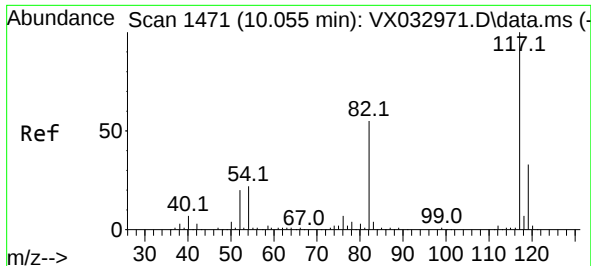


#62
4-Bromofluorobenzene
Concen: 45.328 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00



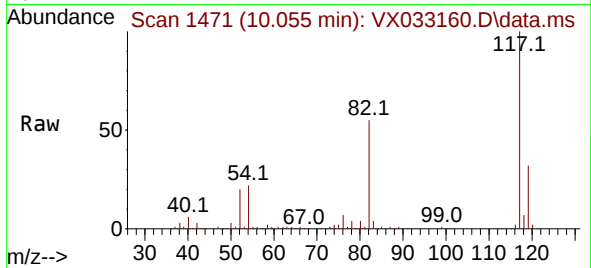
Tgt Ion: 95 Resp: 72838
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.0
176 78.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

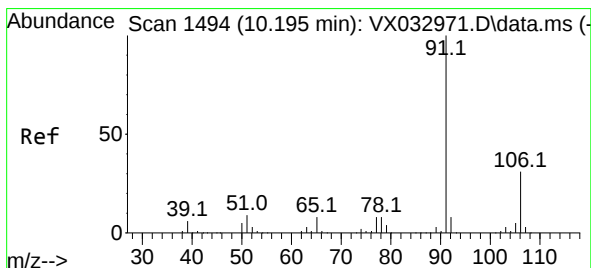
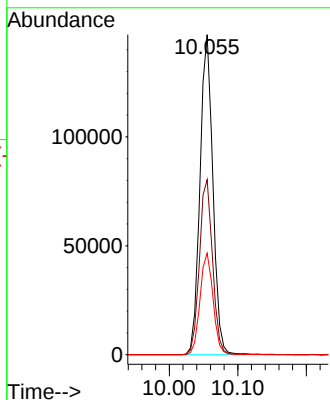
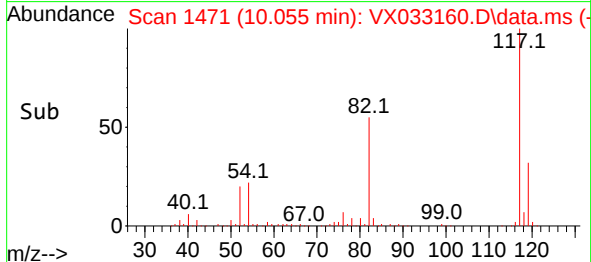
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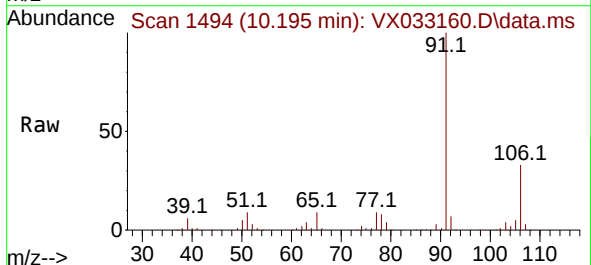
Tgt Ion:117 Resp: 19240
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.7 25.7 38.5

Manual Integrations
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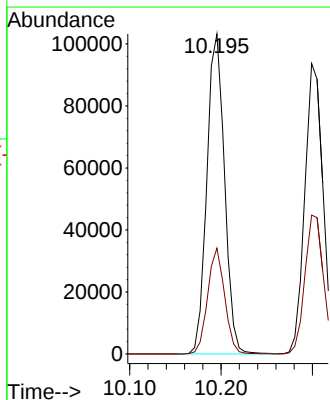
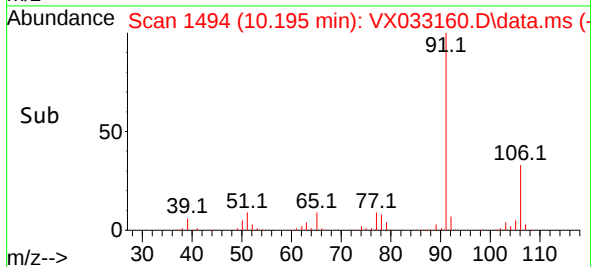
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

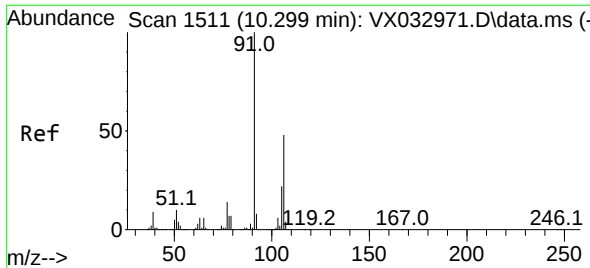


#67
Ethyl Benzene
Concen: 20.305 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00



Tgt Ion: 91 Resp: 138168
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6





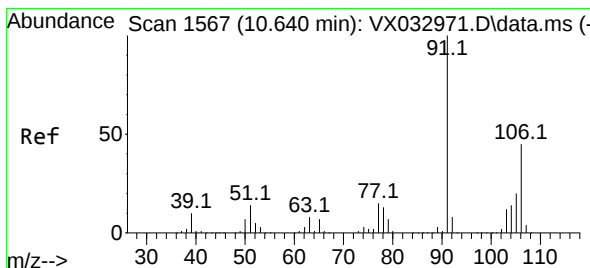
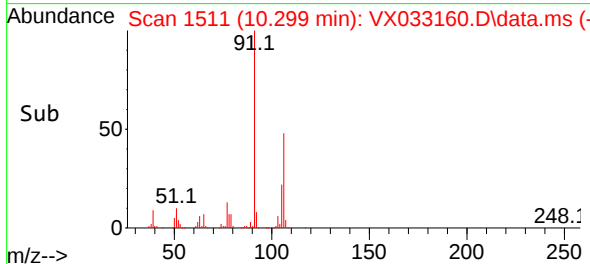
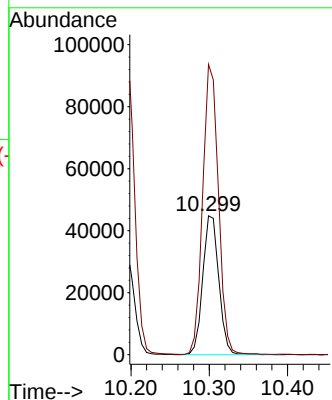
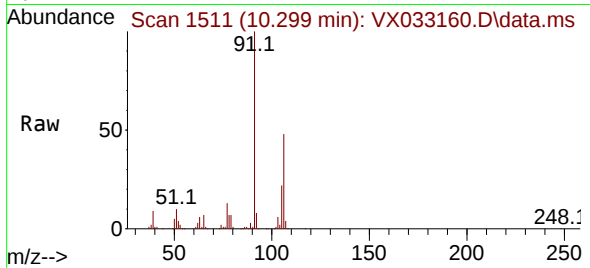
#68
m/p-Xylenes
Concen: 23.922 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

Tgt Ion:106 Resp: 6374
Ion Ratio Lower Upper
106 100
91 204.7 164.5 246.7

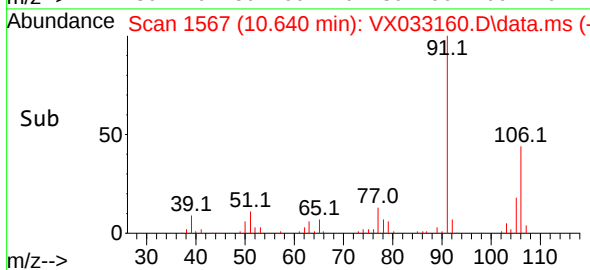
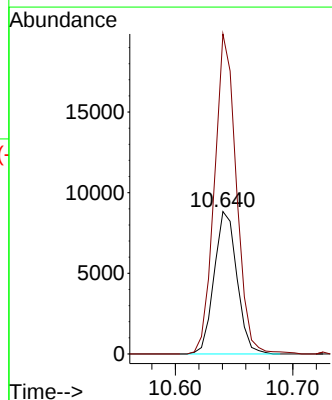
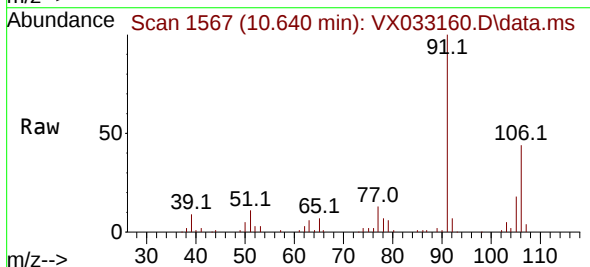
Manual Integrations
APPROVED

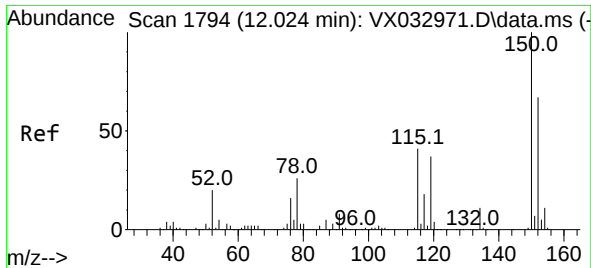
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#69
o-Xylene
Concen: 4.613 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

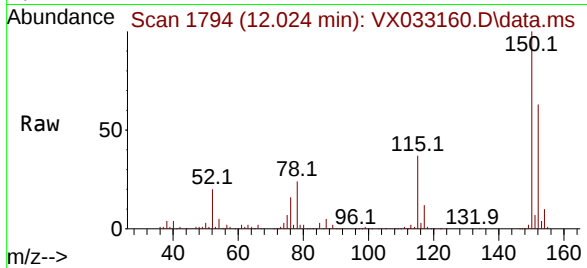
Tgt Ion:106 Resp: 11894
Ion Ratio Lower Upper
106 100
91 216.3 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

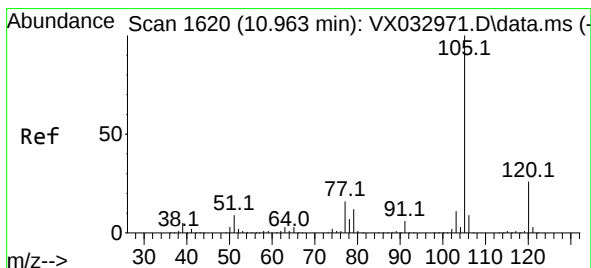
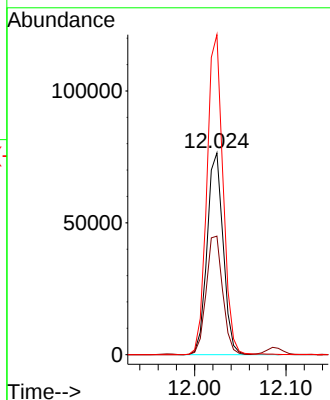
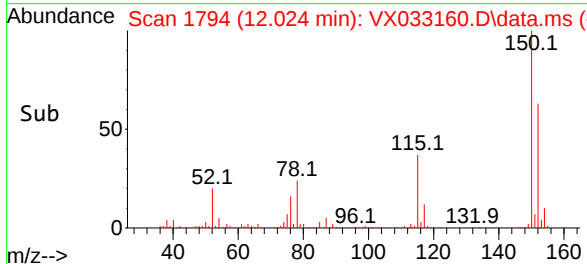
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL



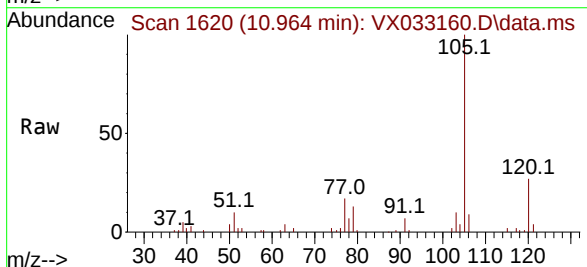
Tgt Ion:152 Resp: 93684
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 158.7 0.0 351.8

Manual Integrations
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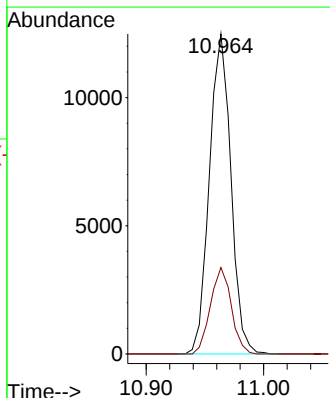
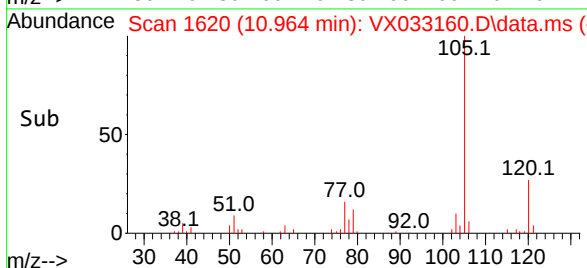
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

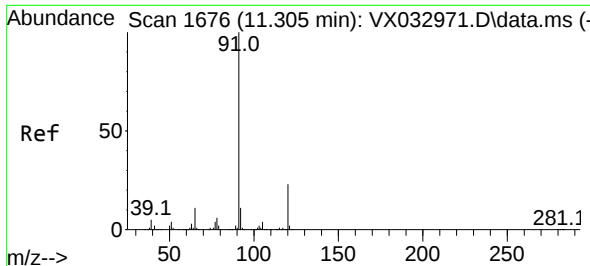


#73
Isopropylbenzene
Concen: 2.368 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00



Tgt Ion:105 Resp: 15855
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3





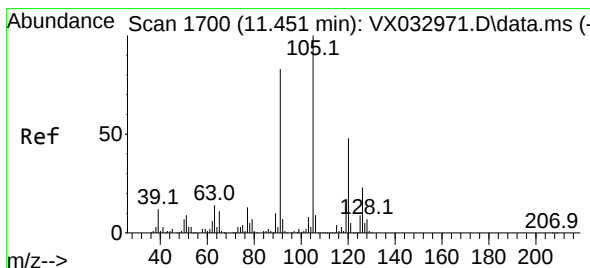
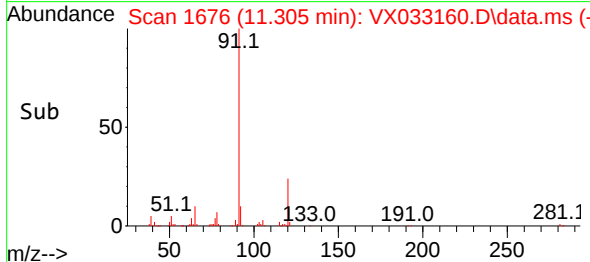
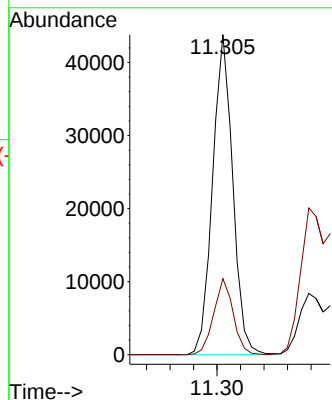
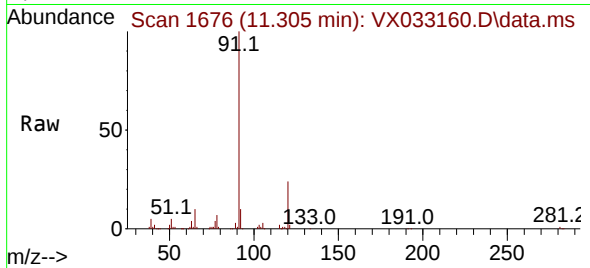
#78
n-propylbenzene
Concen: 6.812 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

Tgt Ion: 91 Resp: 5214
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8

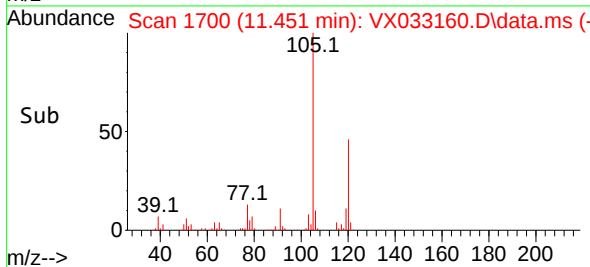
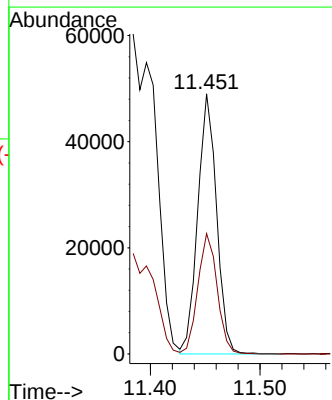
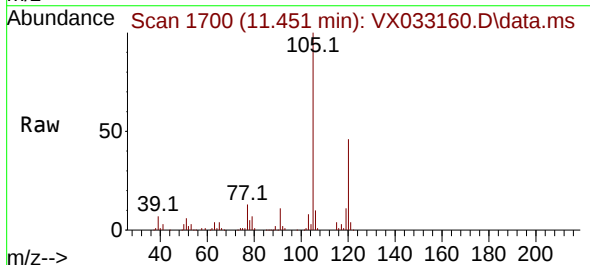
Manual Integrations
APPROVED

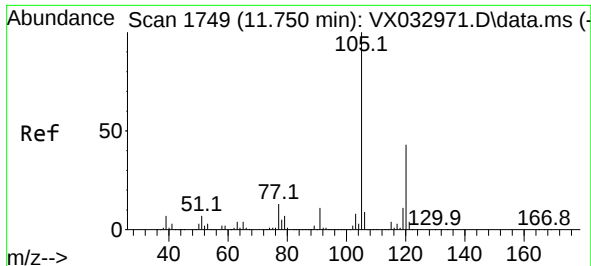
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.405 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

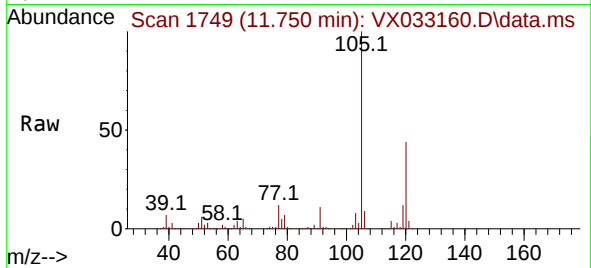
Tgt Ion:105 Resp: 58517
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 37.125 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

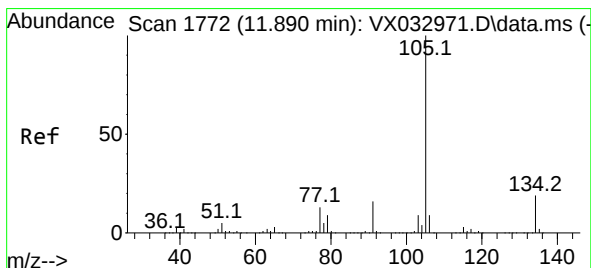
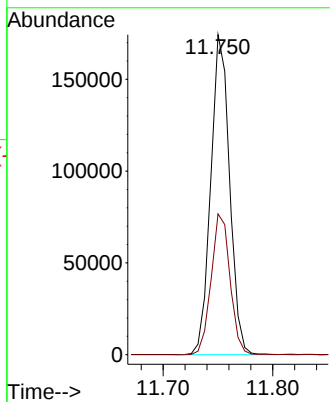
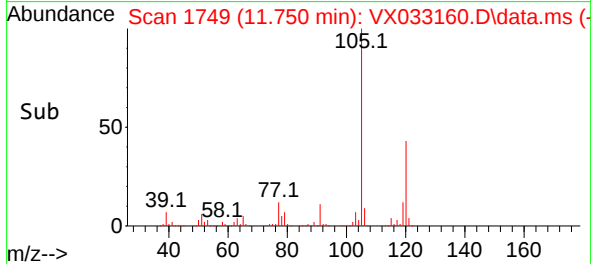
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL



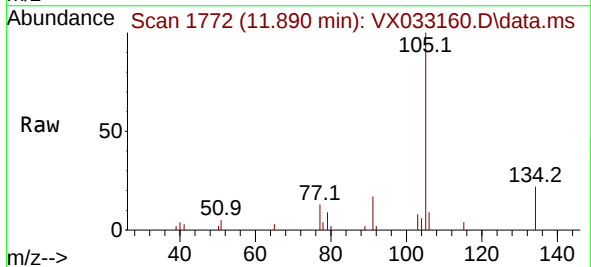
Tgt Ion:105 Resp: 20818
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.5

Manual Integrations
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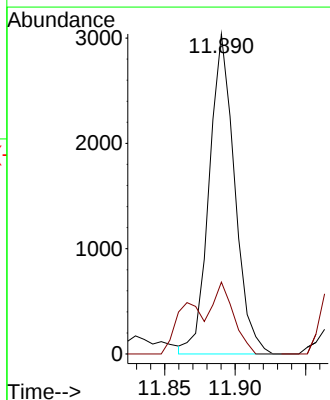
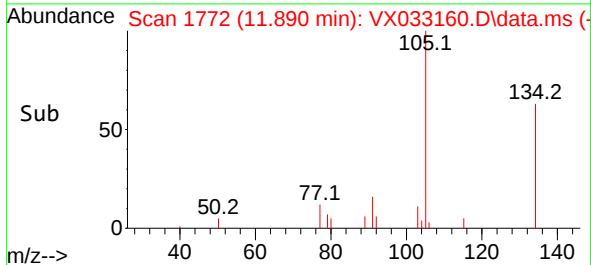
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

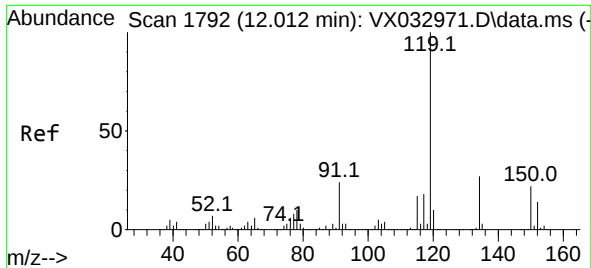


#85
sec-Butylbenzene
Concen: 0.569 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00



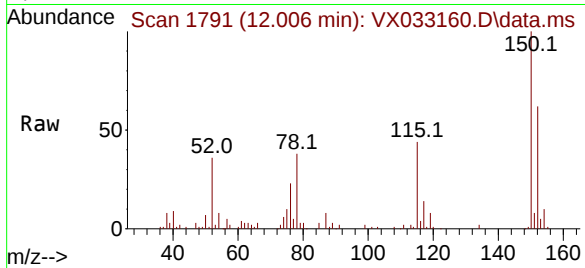
Tgt Ion:105 Resp: 3809
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 0.243 ug/l m
RT: 12.006 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00

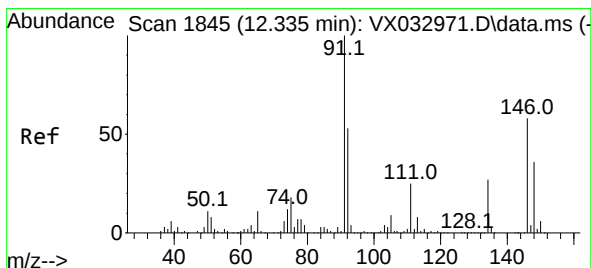
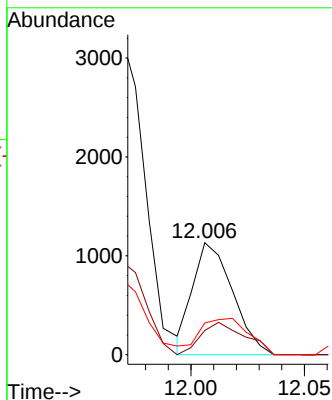
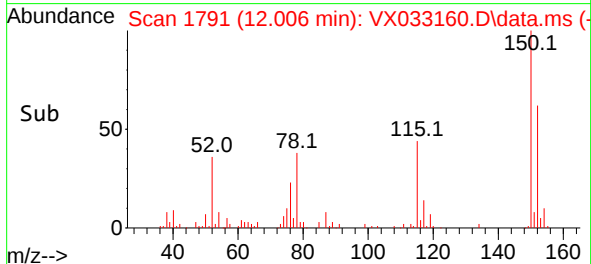
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL



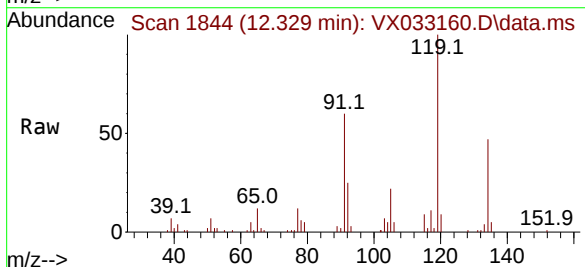
Tgt Ion: 119 Resp: 138
Ion Ratio Lower Upper
119 100
134 81.8 12.9 38.7
91 74.4 12.5 37.5

Manual Integrations
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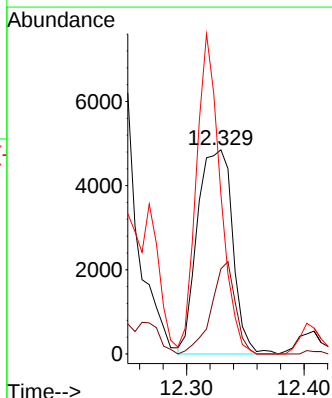
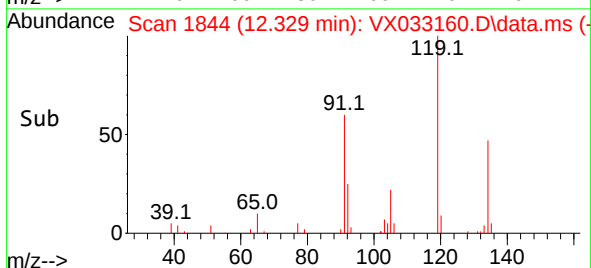
Reviewed By :Krupa Patel 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

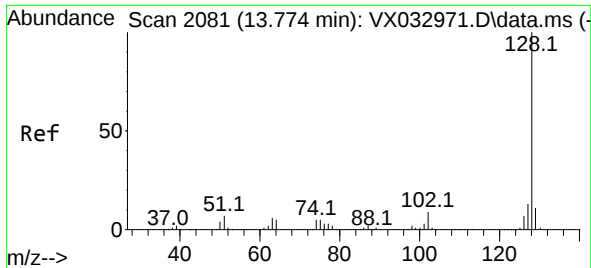


#89
n-Butylbenzene
Concen: 2.067 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033160.D
Acq: 01 Dec 2022 14:00



Tgt Ion: 91 Resp: 10102
Ion Ratio Lower Upper
91 100
92 30.9 26.2 78.6
134 106.8 12.9 38.6





#95

Naphthalene

Concen: 5.546 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033160.D

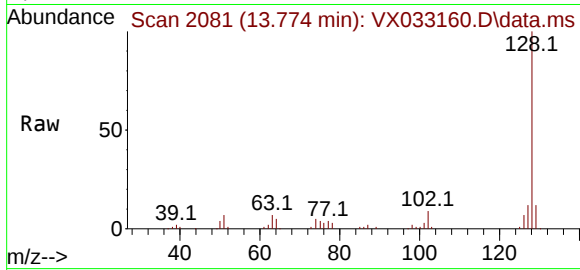
Acq: 01 Dec 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

MW-10DL



Tgt Ion:128 Resp: 33220

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022

