

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033241.D
 Acq On : 05 Dec 2022 21:13
 Operator : JC/MD
 Sample : N5875-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41

Quant Time: Dec 06 06:02:19 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63145	48.854	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.700%		
35) Dibromofluoromethane	5.391	113	53254	42.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.420%		
50) Toluene-d8	8.647	98	190075	50.074	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.140%		
62) 4-Bromofluorobenzene	11.079	95	72402	43.686	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.380%		
Target Compounds					Qvalue	
8) Diethyl Ether	2.136	74	9685	13.068	ug/l	100
11) Tert butyl alcohol	3.093	59	57184632	280457.497	ug/l #	72
16) Acetone	2.392	43	8406	13.993	ug/l	93
19) Methyl tert-butyl Ether	3.148	73	27319019	6834.238	ug/l #	73
22) Diisopropyl ether	3.764	45	363496	89.709	ug/l #	84
31) Cyclohexane	5.477	56	43174	20.716	ug/l	96
39) Methylcyclohexane	7.379	83	24629	10.700	ug/l	95
40) Benzene	6.044	78	3277039	579.371	ug/l	99
42) 1,2-Dichloroethane	6.092	62	62924	27.630	ug/l	96
52) Toluene	8.720	92	76763	20.628	ug/l	100
67) Ethyl Benzene	10.195	91	990718	138.223	ug/l	99
68) m/p-Xylenes	10.305	106	797154	284.016	ug/l	96
69) o-Xylene	10.640	106	80803	29.754	ug/l	100
73) Isopropylbenzene	10.963	105	61292	8.780	ug/l	99
78) n-propylbenzene	11.305	91	144669	18.126	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	245151	41.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	803339	137.386	ug/l	98
85) sec-Butylbenzene	11.890	105	12619m	1.807	ug/l	
86) p-Isopropyltoluene	12.012	119	6166m	1.042	ug/l	
95) Naphthalene	13.774	128	156002	24.974	ug/l	100

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

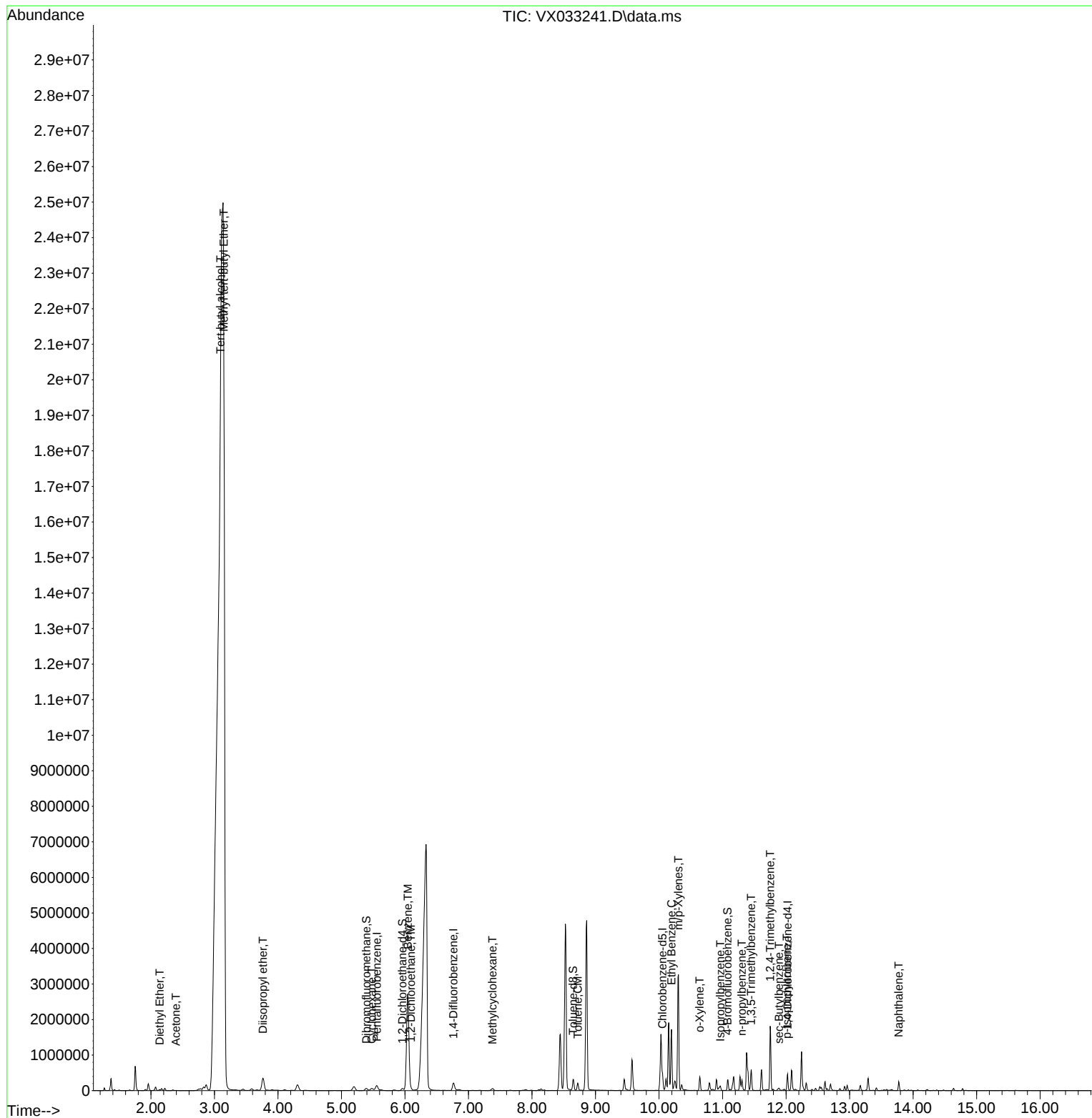
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
Data File : VX033241.D
Acq On : 05 Dec 2022 21:13
Operator : JC/MD
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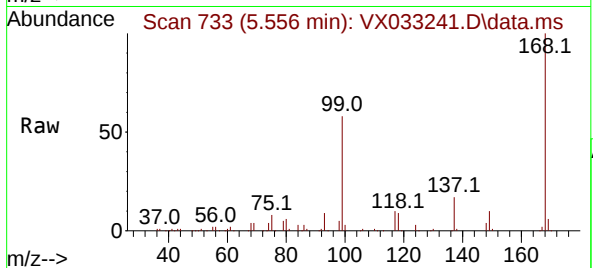
Quant Time: Dec 06 06:02:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

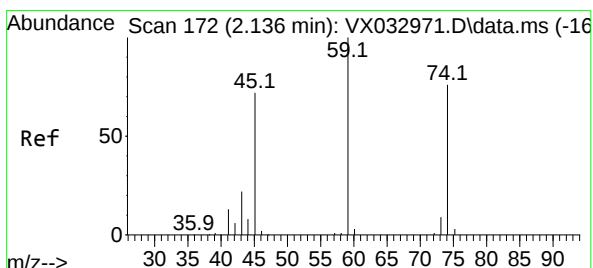
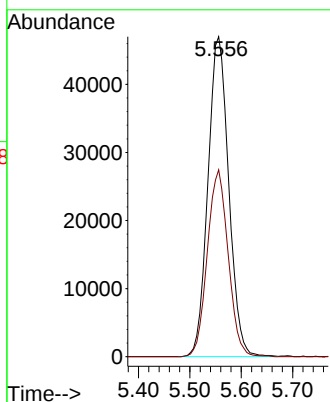
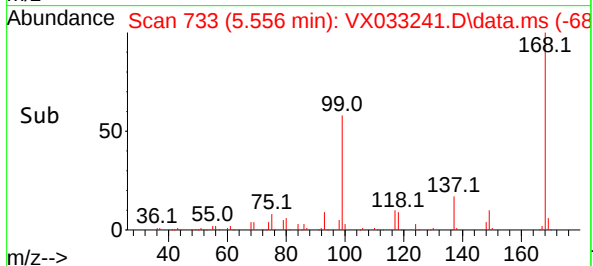
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion:168 Resp: 132080
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1

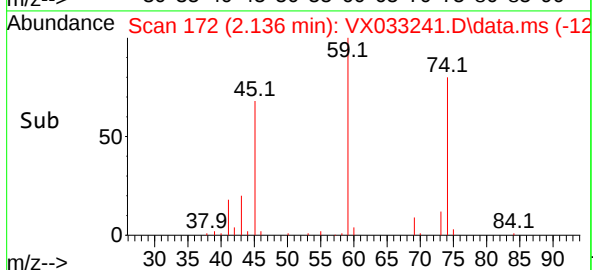
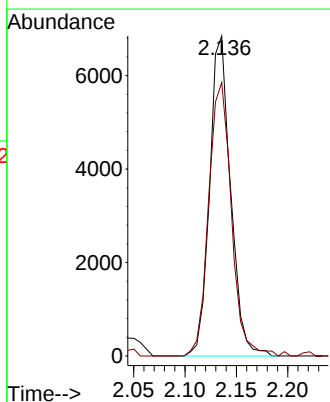
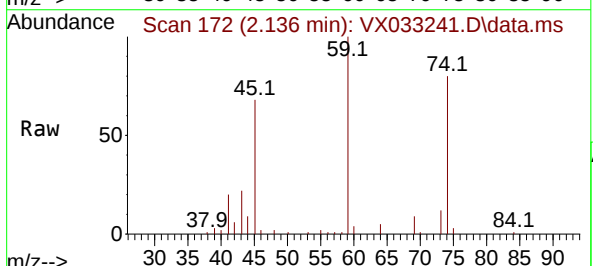
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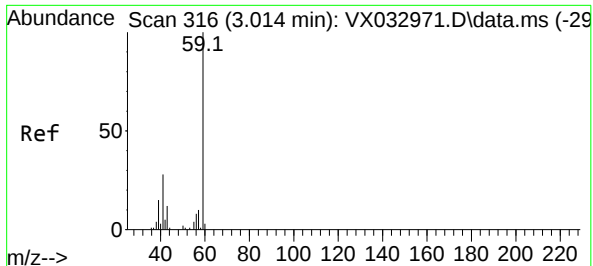
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#8
Diethyl Ether
Concen: 13.068 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

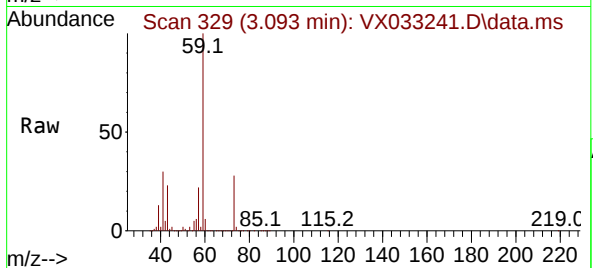
Tgt Ion: 74 Resp: 9685
Ion Ratio Lower Upper
74 100
45 93.1 46.6 139.7





#11
Tert butyl alcohol
Concen: 280457.497 ug/l
RT: 3.093 min Scan# 316
Delta R.T. 0.128 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

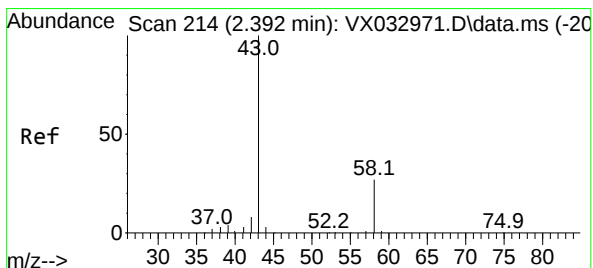
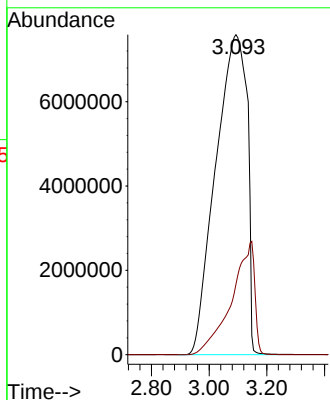
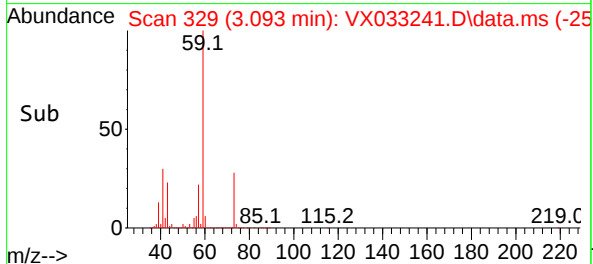
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion: 59 Resp: 5718463
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

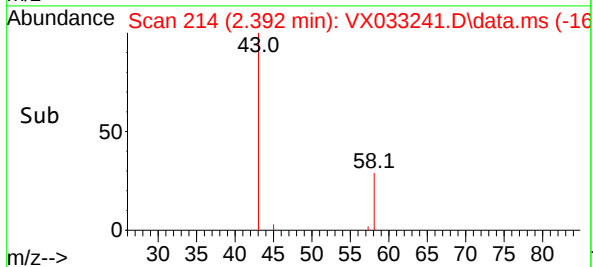
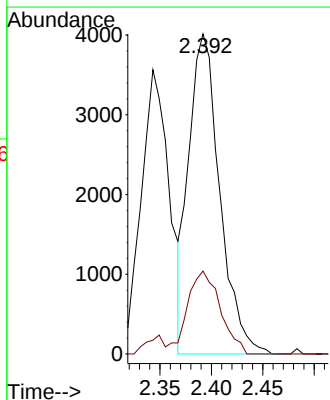
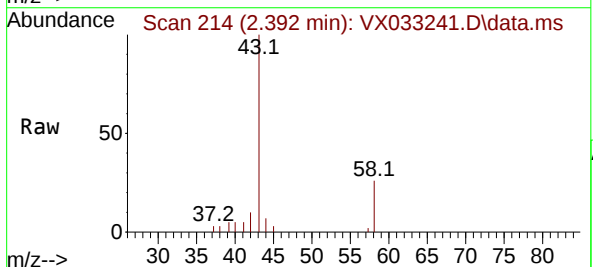
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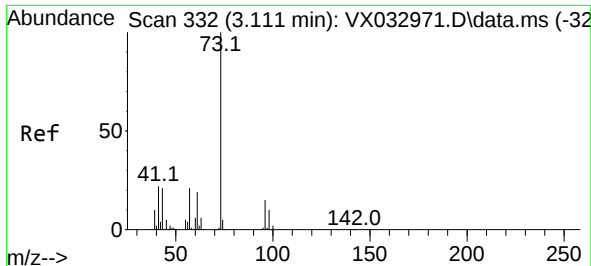
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#16
Acetone
Concen: 13.993 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

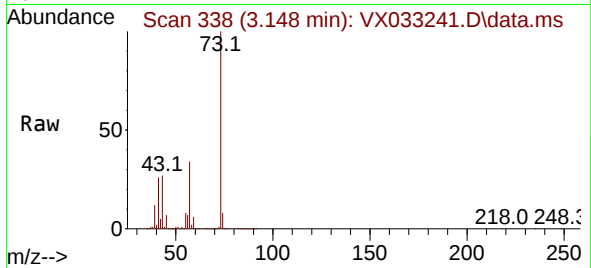
Tgt Ion: 43 Resp: 8406
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.8





#19
Methyl tert-butyl Ether
Concen: 6834.238 ug/l
RT: 3.148 min Scan# 31
Delta R.T. 0.037 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

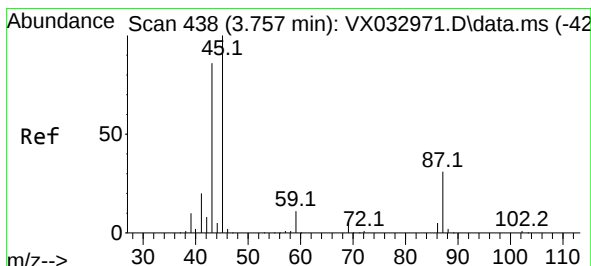
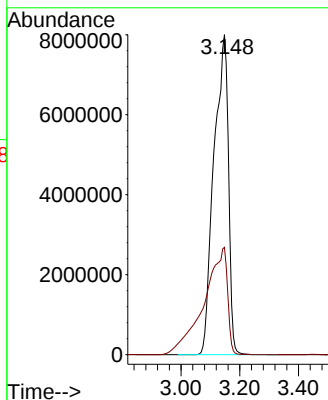
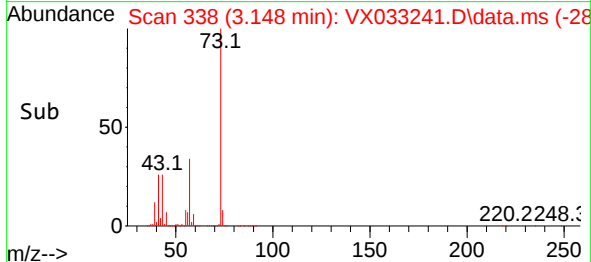
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion: 73 Resp: 27319019
Ion Ratio Lower Upper
73 100
57 33.5 16.6 25.0

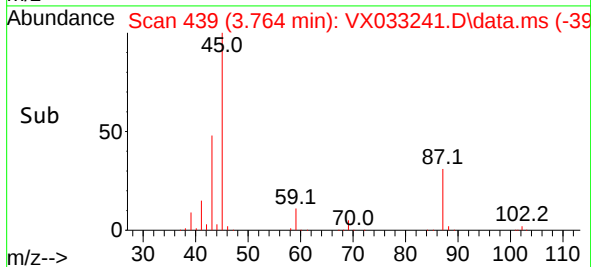
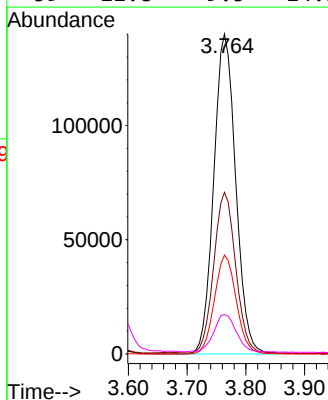
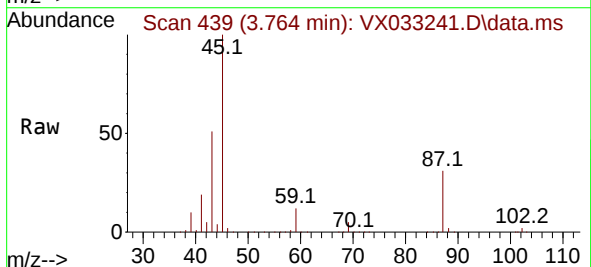
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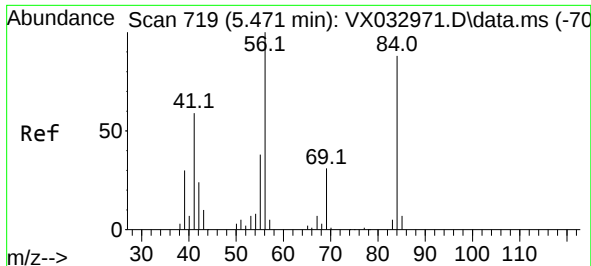
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#22
Diisopropyl ether
Concen: 89.709 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

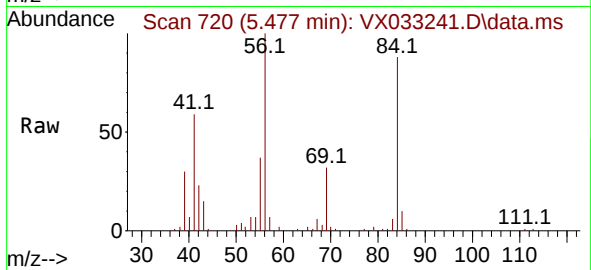
Tgt Ion: 45 Resp: 363496
Ion Ratio Lower Upper
45 100
43 50.2 56.4 84.6
87 30.9 24.4 36.6
59 11.8 9.5 14.3





#31
Cyclohexane
Concen: 20.716 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

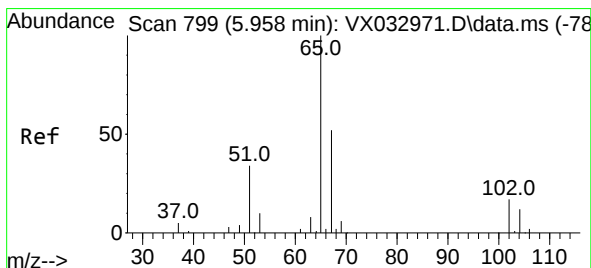
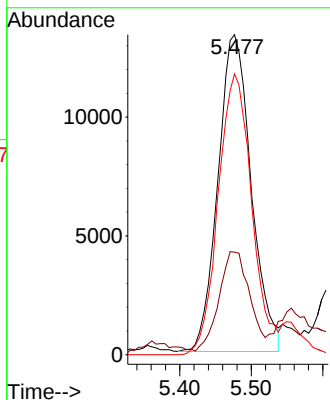
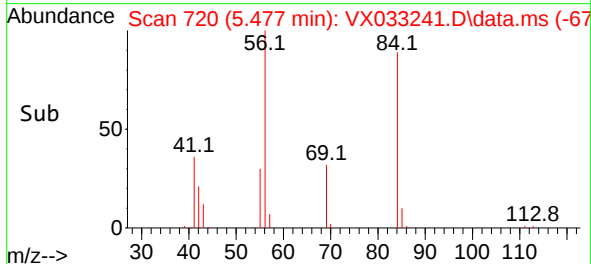
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion: 56 Resp: 43174
Ion Ratio Lower Upper
56 100
69 30.0 24.1 36.1
84 88.6 66.9 100.3

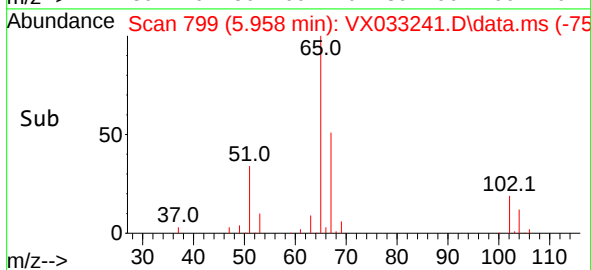
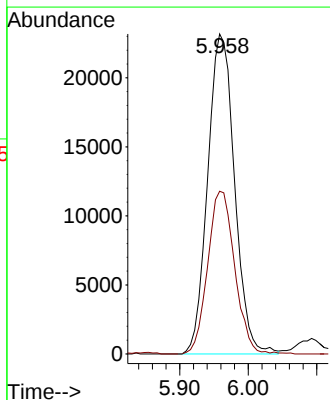
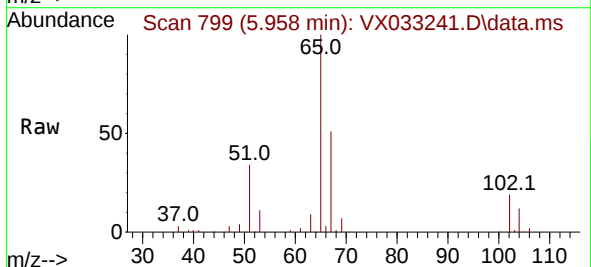
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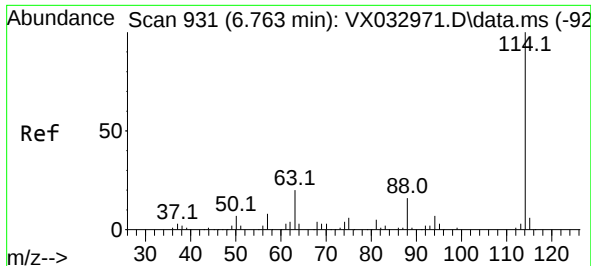
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#33
1,2-Dichloroethane-d4
Concen: 48.854 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

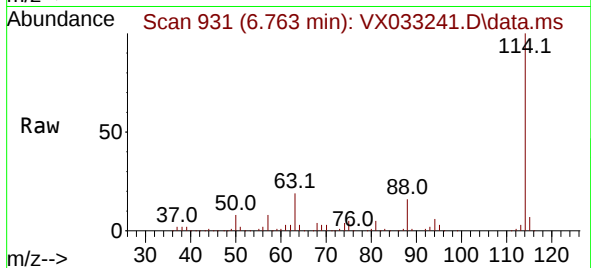
Tgt Ion: 65 Resp: 63145
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

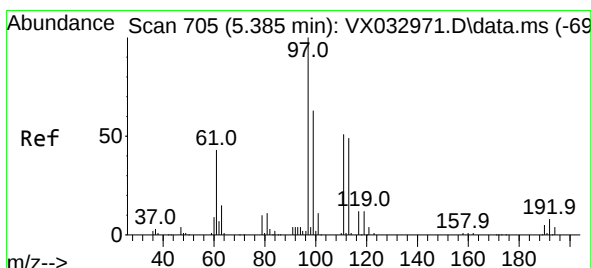
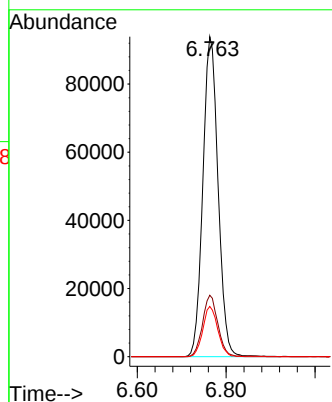
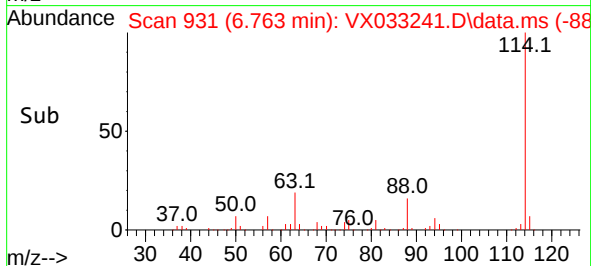
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion:114 Resp: 223794
Ion Ratio Lower Upper
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63 19.2 0.0 41.6
88 15.7 0.0 33.4

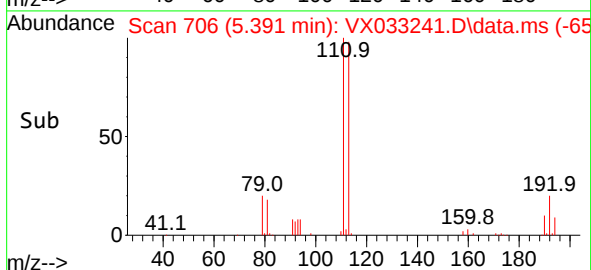
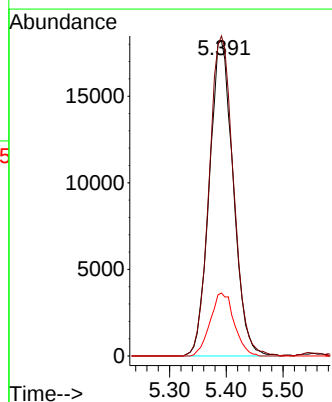
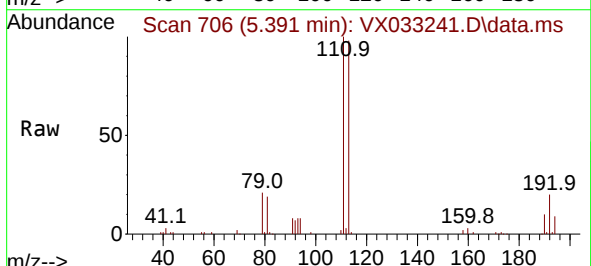
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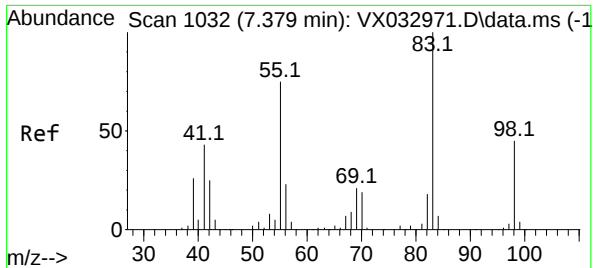
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#35
Dibromofluoromethane
Concen: 42.209 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

Tgt Ion:113 Resp: 53254
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 20.1 15.4 23.2





#39

Methylcyclohexane

Concen: 10.700 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033241.D

Acq: 05 Dec 2022 21:13

Instrument :

MSVOA_X

ClientSampleId :

MW-41

Tgt Ion: 83 Resp: 24629

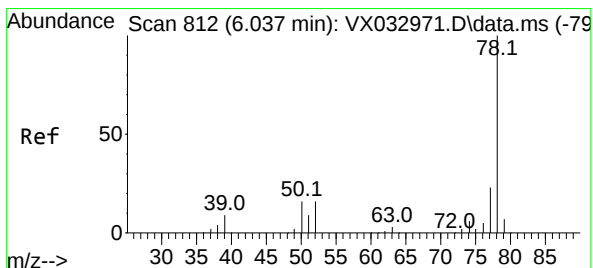
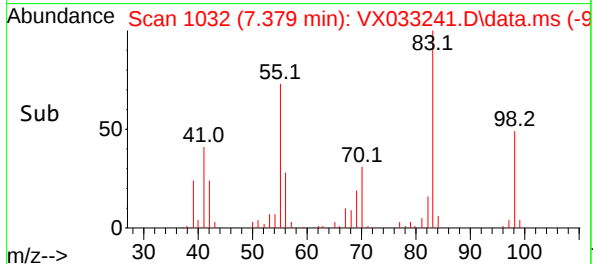
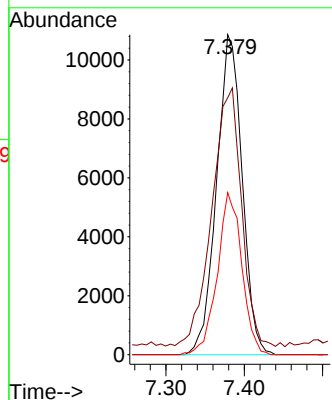
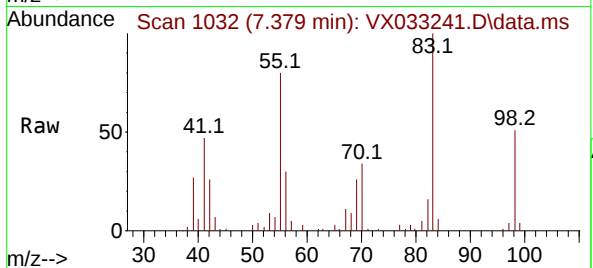
Ion	Ratio	Lower	Upper
83	100		
55	76.6	58.4	87.6
98	50.6	37.2	55.8

Manual Integrations

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Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#40

Benzene

Concen: 579.371 ug/l

RT: 6.044 min Scan# 813

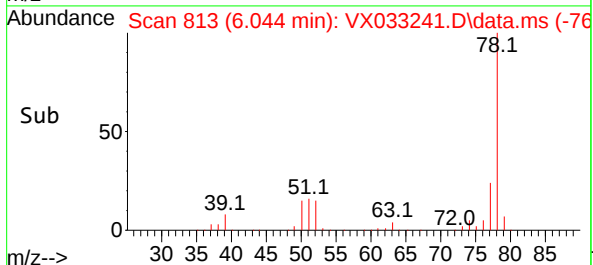
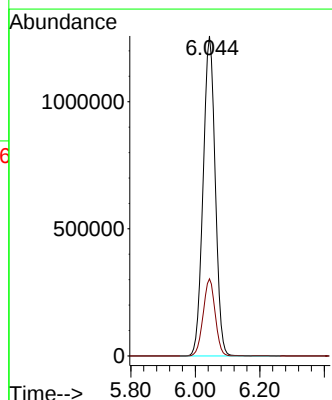
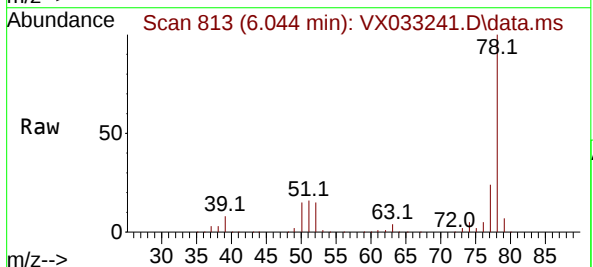
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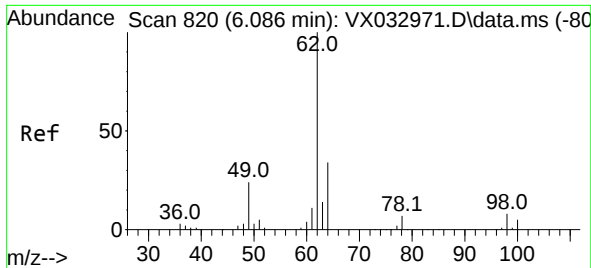
Lab File: VX033241.D

Acq: 05 Dec 2022 21:13

Tgt Ion: 78 Resp: 3277039

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





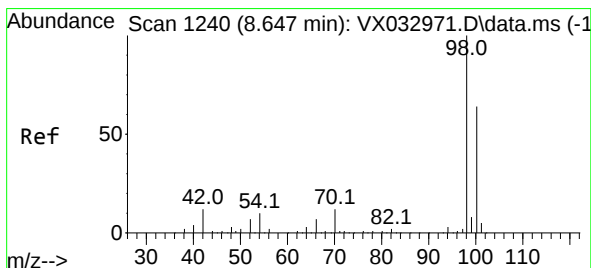
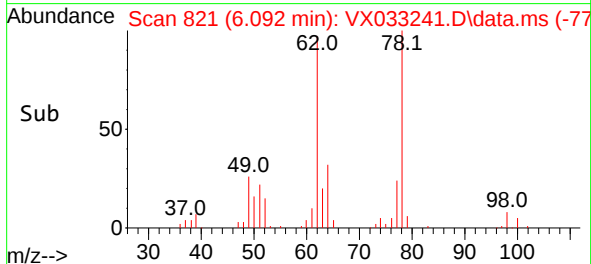
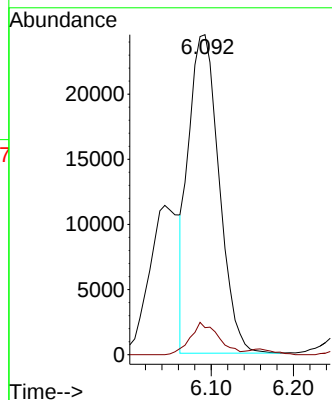
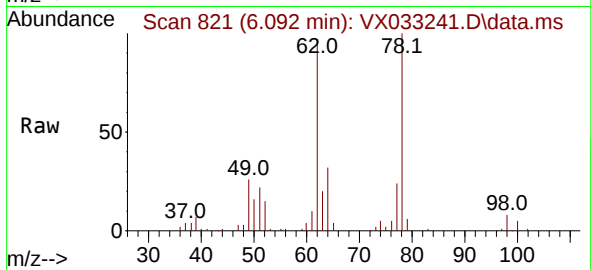
#42
1,2-Dichloroethane
Concen: 27.630 ug/l
RT: 6.092 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion: 62 Resp: 62924
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0

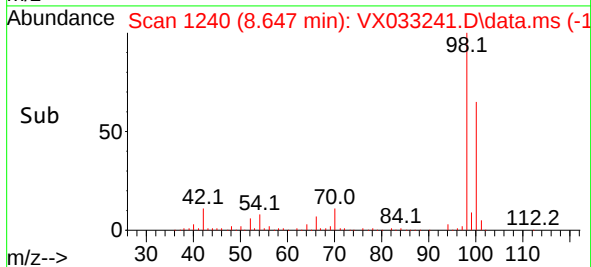
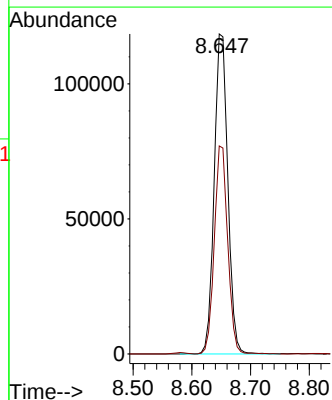
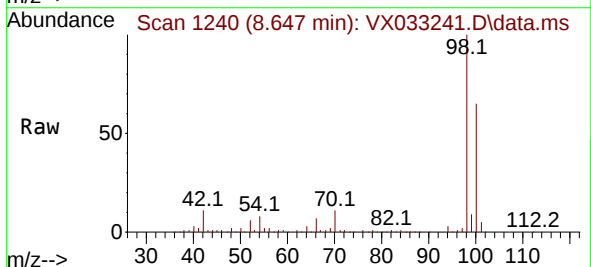
Manual Integrations
APPROVED

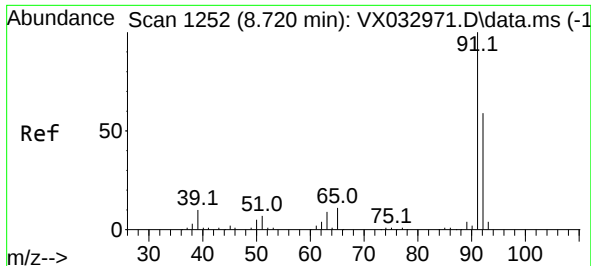
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#50
Toluene-d8
Concen: 50.074 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

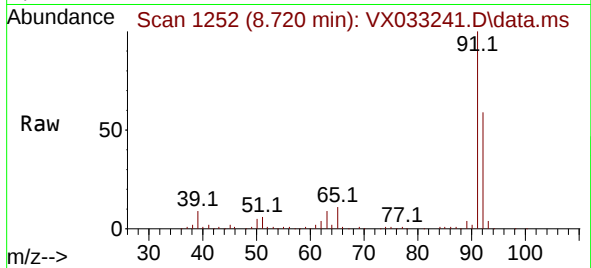
Tgt Ion: 98 Resp: 190075
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#52
Toluene
Concen: 20.628 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

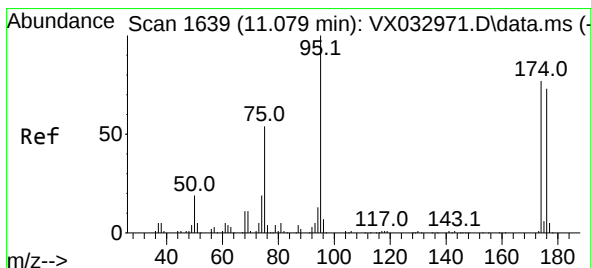
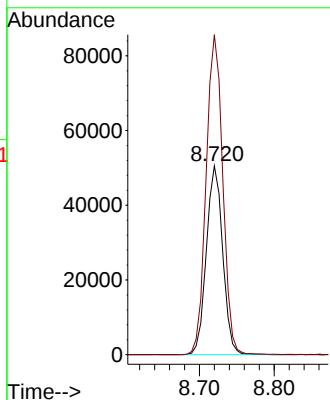
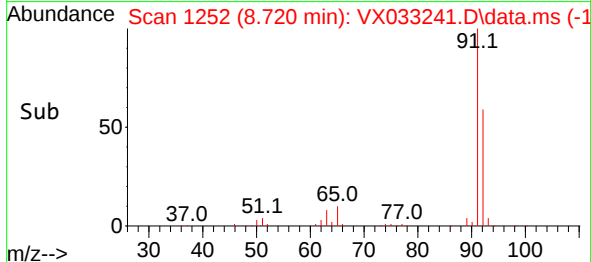
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion: 92 Resp: 7676
Ion Ratio Lower Upper
92 100
91 172.7 138.3 207.5

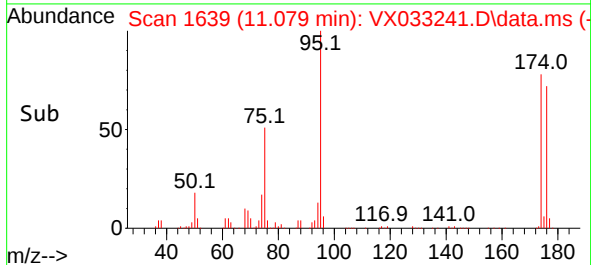
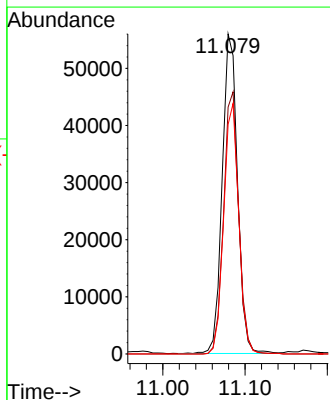
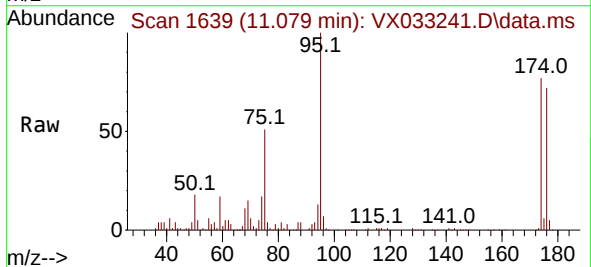
Manual Integrations
APPROVED

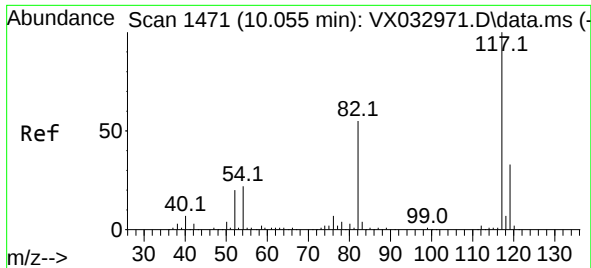
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#62
4-Bromofluorobenzene
Concen: 43.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

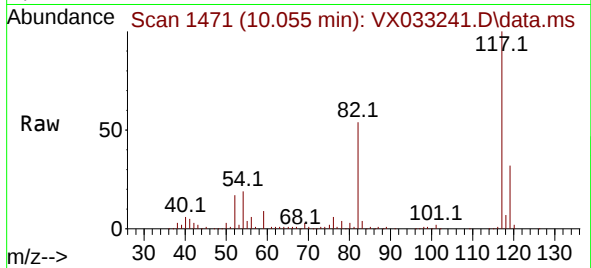
Tgt Ion: 95 Resp: 72402
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.0
176 77.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

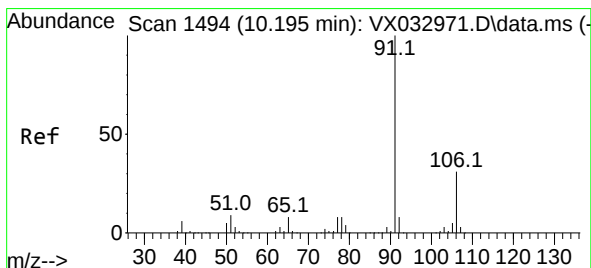
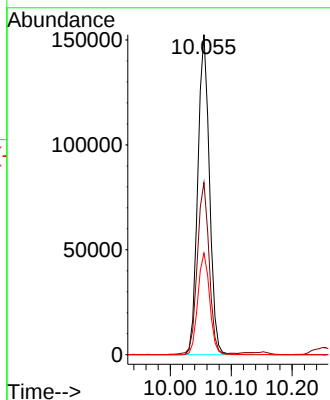
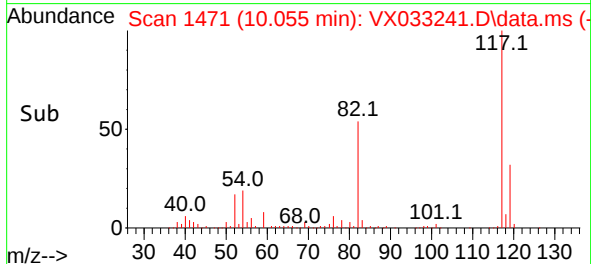
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion:117 Resp: 20266
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 31.8 25.7 38.5

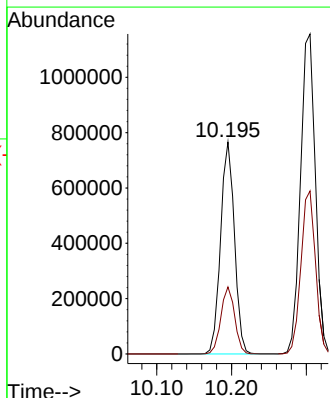
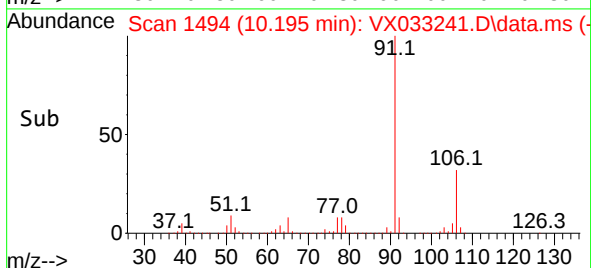
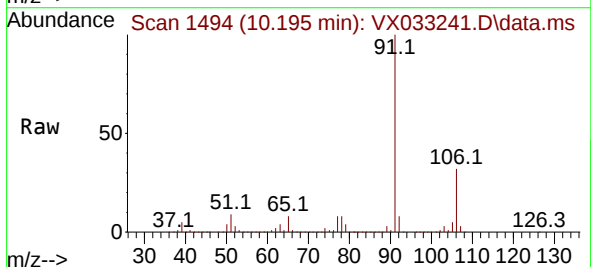
Manual Integrations
APPROVED

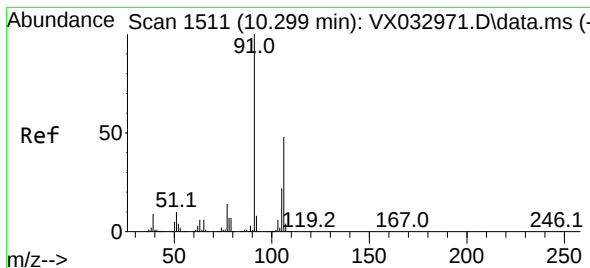
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#67
Ethyl Benzene
Concen: 138.223 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

Tgt Ion: 91 Resp: 990718
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6





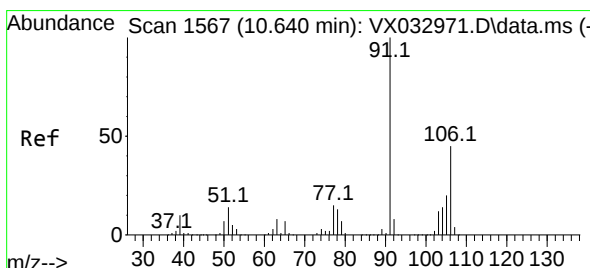
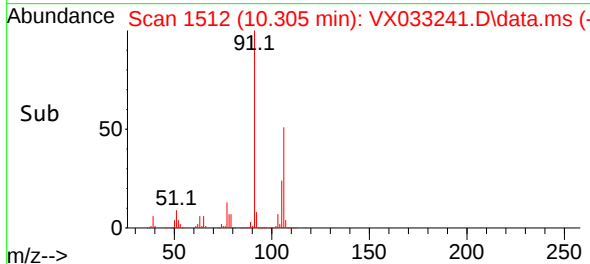
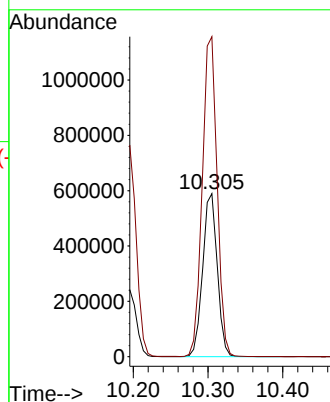
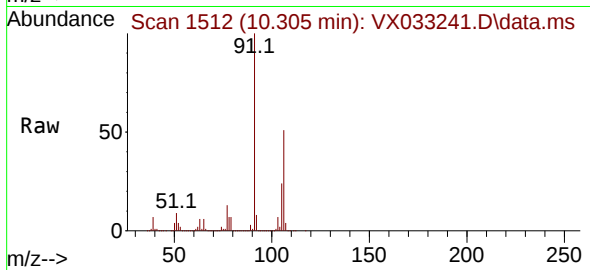
#68
m/p-Xylenes
Concen: 284.016 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion:106 Resp: 797154
Ion Ratio Lower Upper
106 100
91 199.8 164.5 246.7

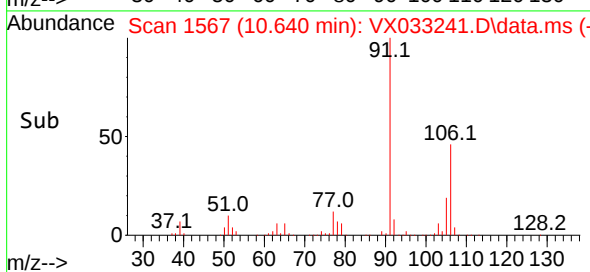
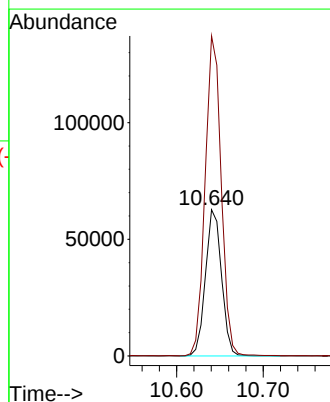
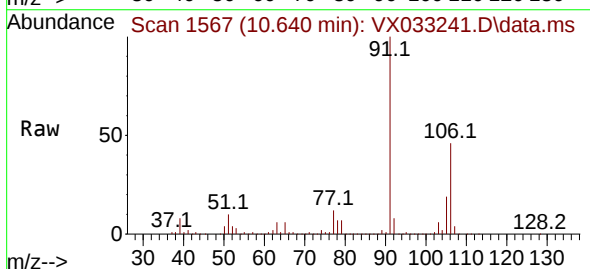
Manual Integrations
APPROVED

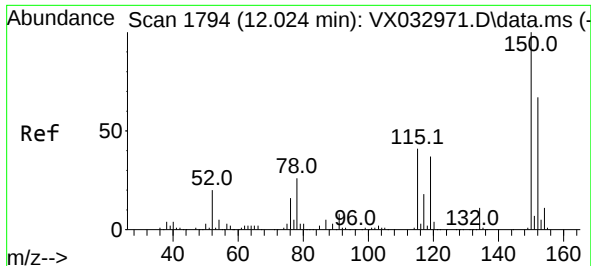
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#69
o-Xylene
Concen: 29.754 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

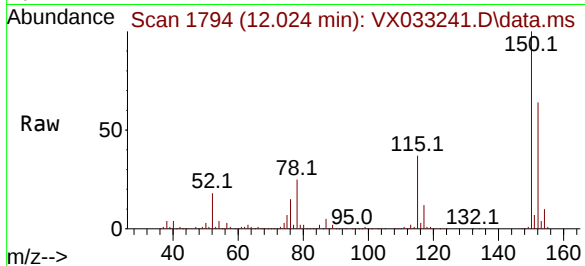
Tgt Ion:106 Resp: 80803
Ion Ratio Lower Upper
106 100
91 218.1 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

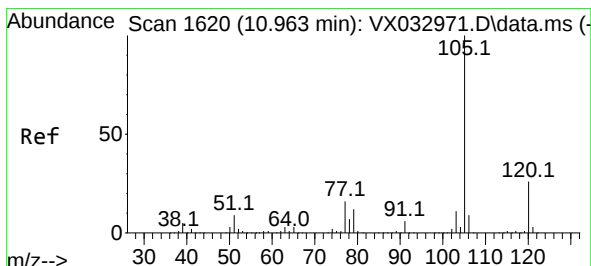
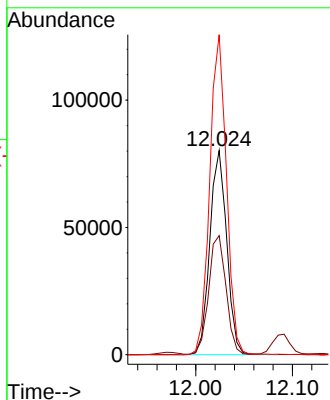
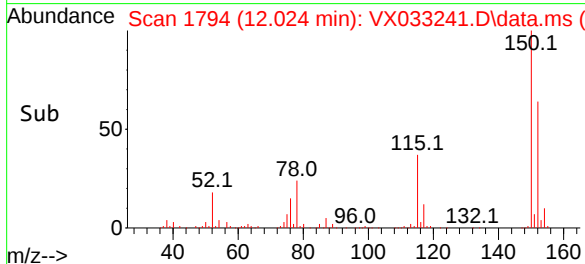
Instrument :
MSVOA_X
ClientSampleId :
MW-41



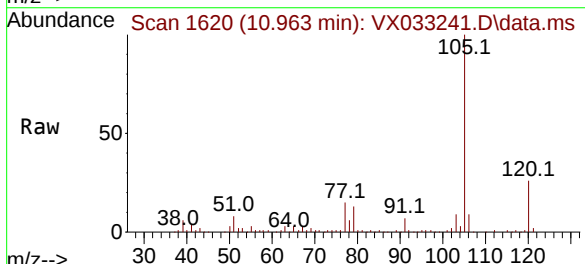
Tgt Ion:152 Resp: 9768
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 154.9 0.0 351.8

Manual Integrations
APPROVED

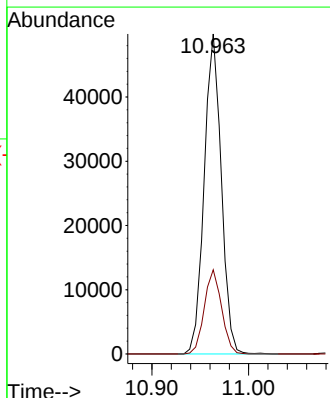
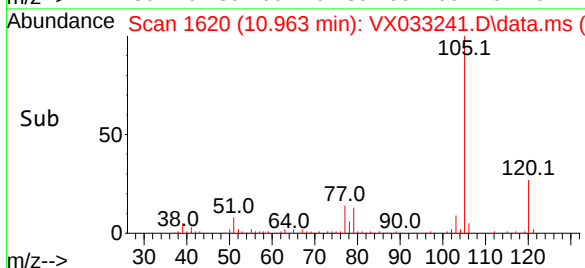
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

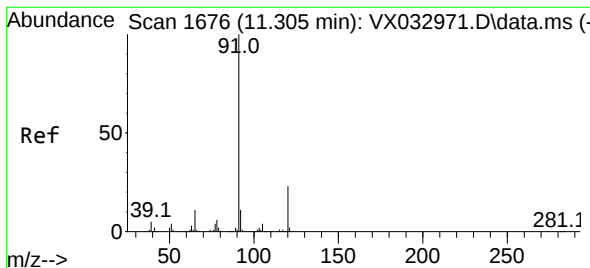


#73
Isopropylbenzene
Concen: 8.780 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13



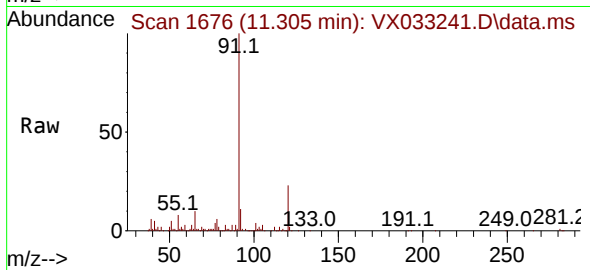
Tgt Ion:105 Resp: 61292
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3





#78
n-propylbenzene
Concen: 18.126 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

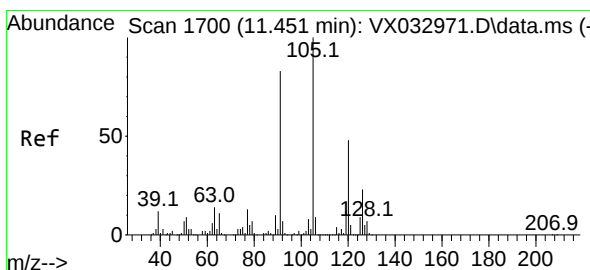
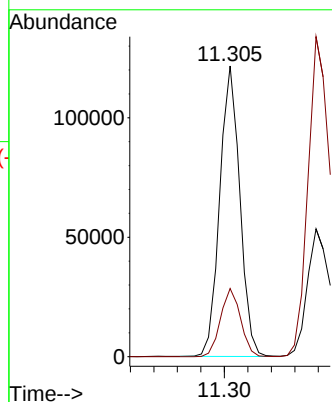
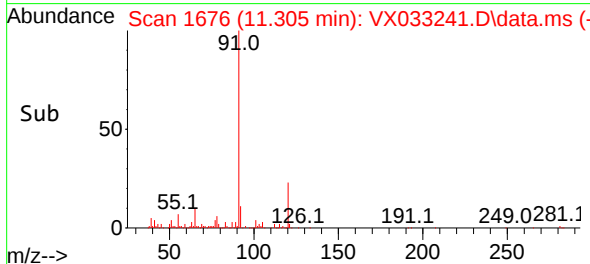
Instrument :
MSVOA_X
ClientSampleId :
MW-41



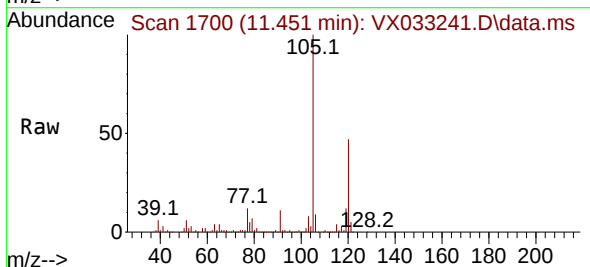
Tgt Ion: 91 Resp: 144669
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8

Manual Integrations
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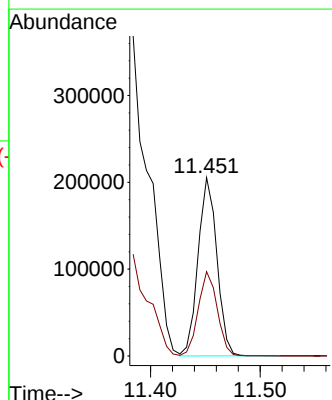
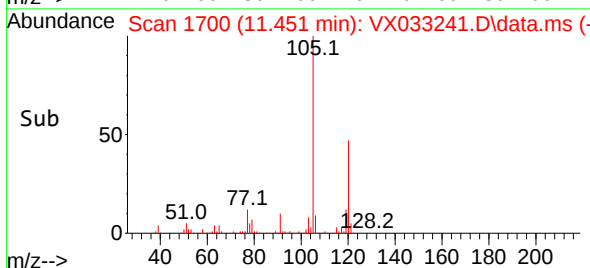
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

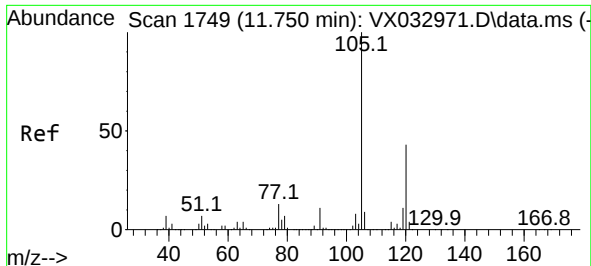


#80
1,3,5-Trimethylbenzene
Concen: 41.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13



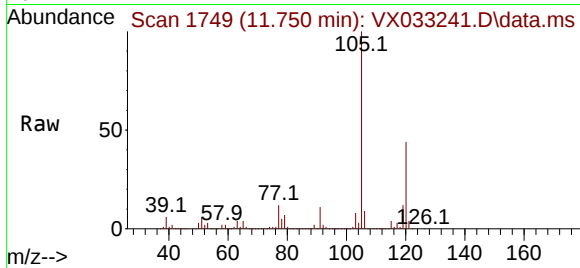
Tgt Ion:105 Resp: 245151
Ion Ratio Lower Upper
105 100
120 47.8 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 137.386 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

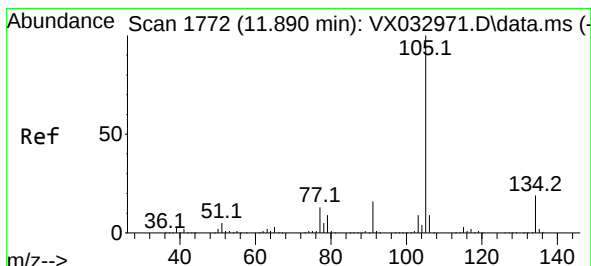
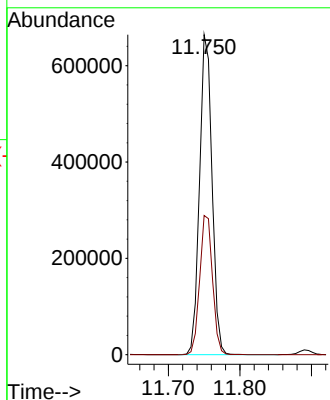
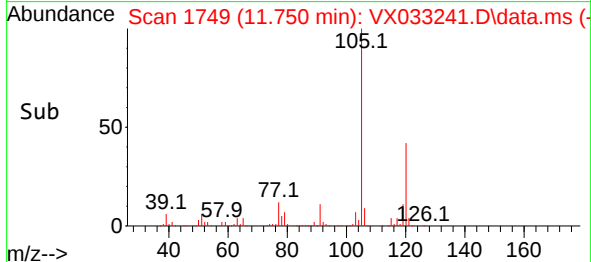
Instrument :
MSVOA_X
ClientSampleId :
MW-41



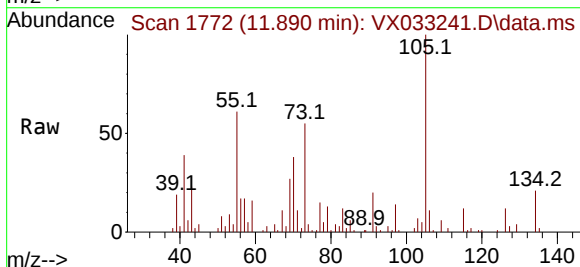
Tgt Ion:105 Resp: 803339
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.5

Manual Integrations
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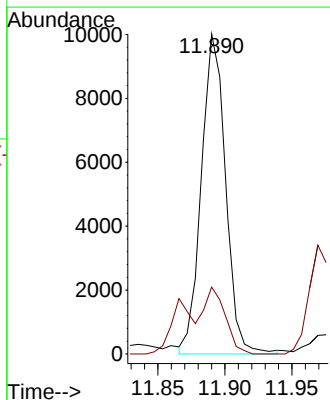
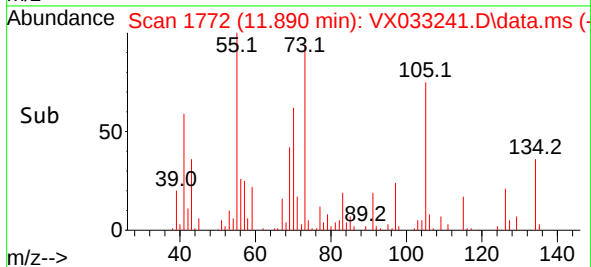
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

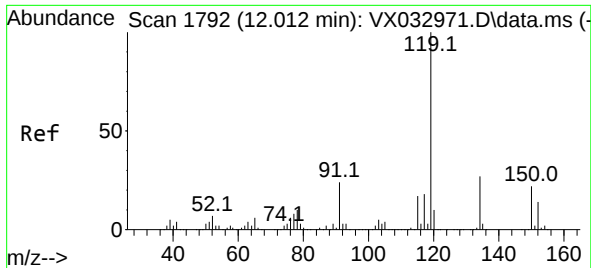


#85
sec-Butylbenzene
Concen: 1.807 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13



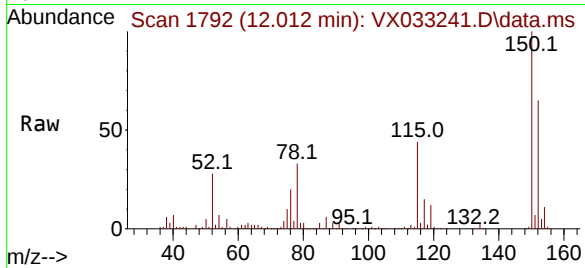
Tgt Ion:105 Resp: 12619
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 1.042 ug/l m
RT: 12.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

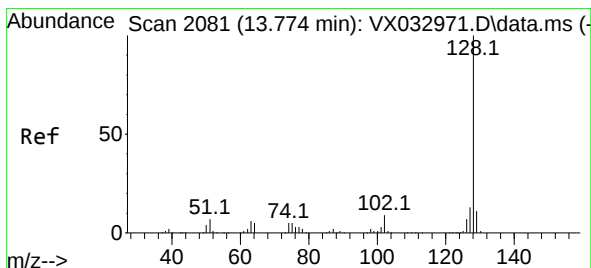
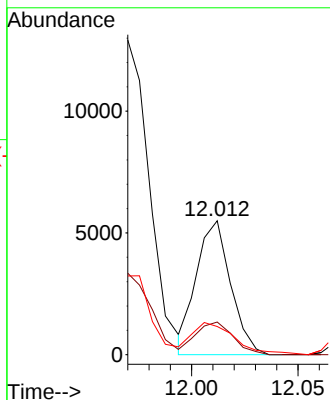
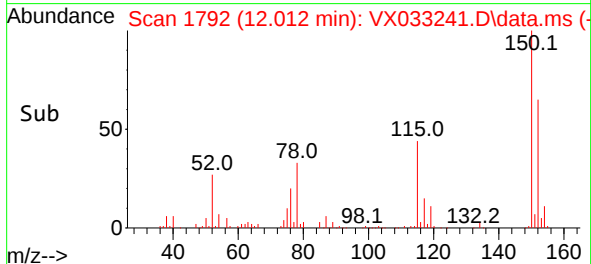
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion:119 Resp: 6160
Ion Ratio Lower Upper
119 100
134 69.9 12.9 38.7
91 67.1 12.5 37.5

Manual Integrations
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Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#95
Naphthalene
Concen: 24.974 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033241.D
Acq: 05 Dec 2022 21:13

Tgt Ion:128 Resp: 156002
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.9 13.3

