

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033236.D
 Acq On : 05 Dec 2022 19:18
 Operator : JC/MD
 Sample : N5875-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-37

Quant Time: Dec 06 06:01:20 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	132918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62317	47.845	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.700%		
35) Dibromofluoromethane	5.385	113	55573	45.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.100%		
50) Toluene-d8	8.653	98	187844	51.224	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.440%		
62) 4-Bromofluorobenzene	11.079	95	72419	45.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.380%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.989	59	4664	22.730	ug/l #	72
19) Methyl tert-butyl Ether	3.111	73	48743	12.117	ug/l #	1
25) 2-Butanone	4.568	43	5553	6.662	ug/l	95
31) Cyclohexane	5.477	56	450861	214.966	ug/l	92
39) Methylcyclohexane	7.385	83	395940	177.882	ug/l	98
40) Benzene	6.044	78	1232682	225.368	ug/l	100
52) Toluene	8.738	92	11843150	3291.145	ug/l	78
67) Ethyl Benzene	10.208	91	14902493	2166.603	ug/l #	65
68) m/p-Xylenes	10.330	106	13298883	4937.481	ug/l #	67
69) o-Xylene	10.659	106	6631391	2544.552	ug/l	74
73) Isopropylbenzene	10.964	105	1116584	159.808	ug/l	99
78) n-propylbenzene	11.305	91	3595576	450.089	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	3761045	640.766	ug/l	96
84) 1,2,4-Trimethylbenzene	11.762	105	11301505	1930.994	ug/l	82
85) sec-Butylbenzene	11.890	105	170977m	24.460	ug/l	
86) p-Isopropyltoluene	12.012	119	81117m	13.697	ug/l	
89) n-Butylbenzene	12.329	91	462643	90.680	ug/l #	26
95) Naphthalene	13.780	128	5560203	889.307	ug/l	96

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

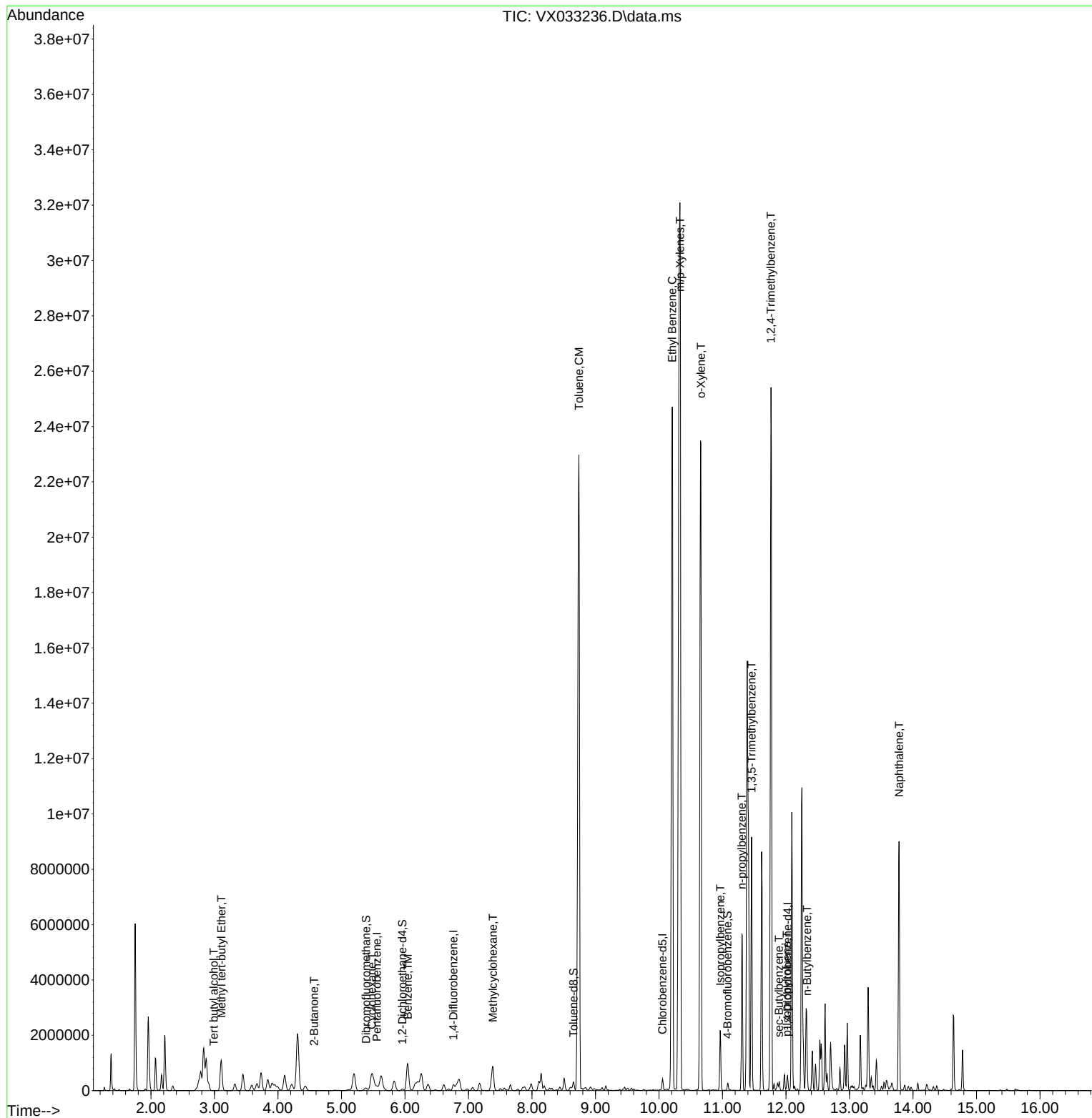
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
Data File : VX033236.D
Acq On : 05 Dec 2022 19:18
Operator : JC/MD
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ALS Vial : 21 Sample Multiplier: 1

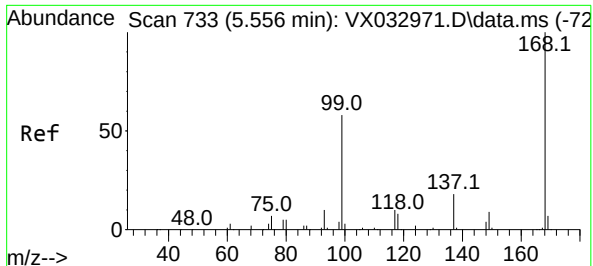
Instrument :
MSVOA_X
ClientSampleId :
MW-37

Quant Time: Dec 06 06:01:20 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

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APPROVED

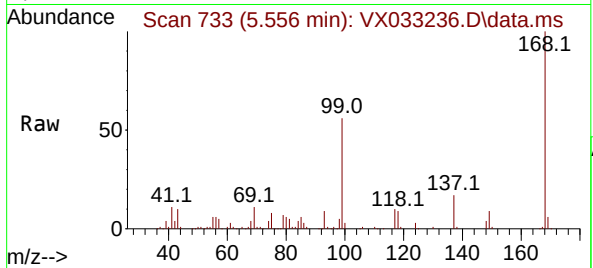
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

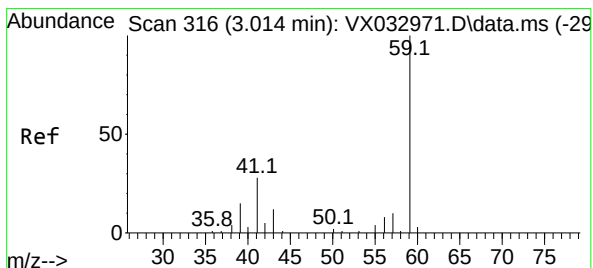
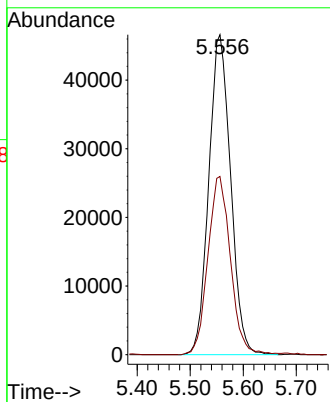
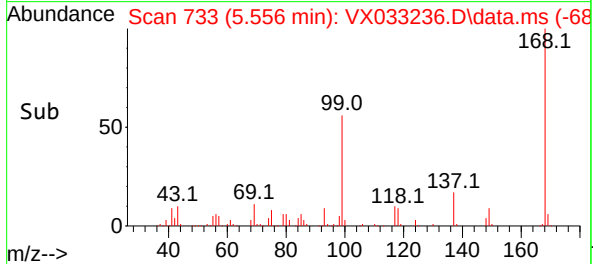
Instrument :
MSVOA_X
ClientSampleId :
MW-37



Tgt Ion:168 Resp: 132918
Ion Ratio Lower Upper
168 100
99 55.7 46.1 69.1

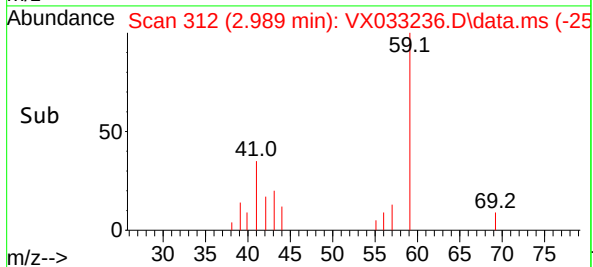
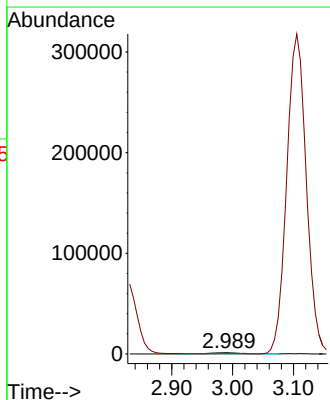
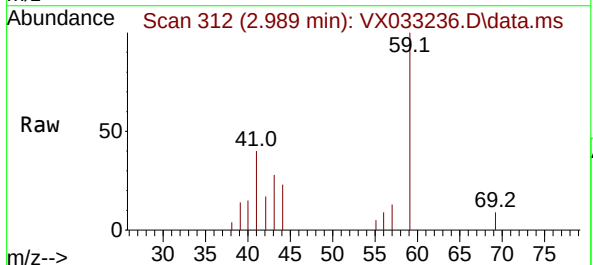
Manual Integrations
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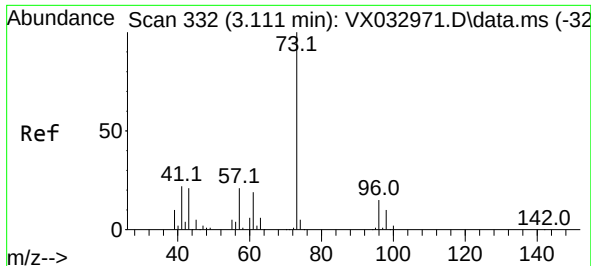
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#11
Tert butyl alcohol
Concen: 22.730 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

Tgt Ion: 59 Resp: 4664
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





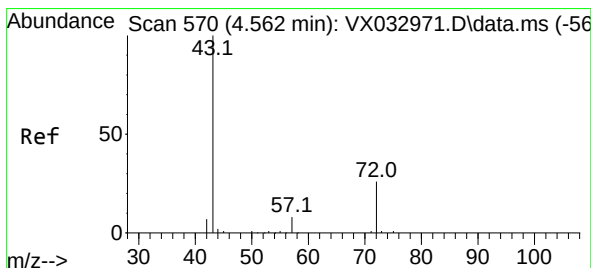
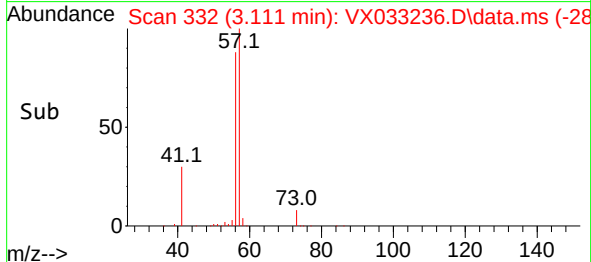
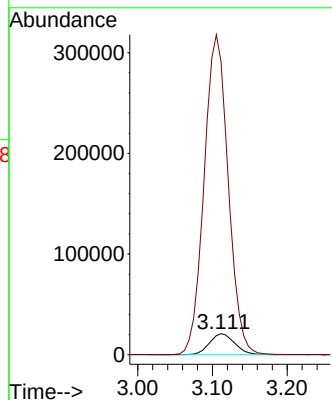
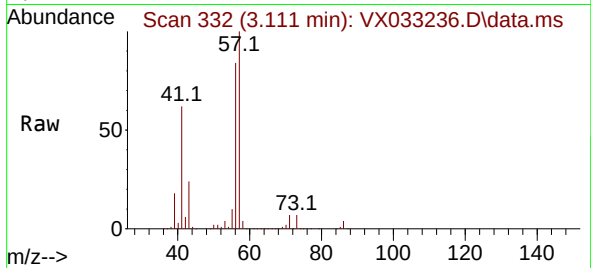
#19
Methyl tert-butyl Ether
Concen: 12.117 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
MW-37

Tgt Ion: 73 Resp: 4874
Ion Ratio Lower Upper
73 100
57 1395.0 16.6 25.0

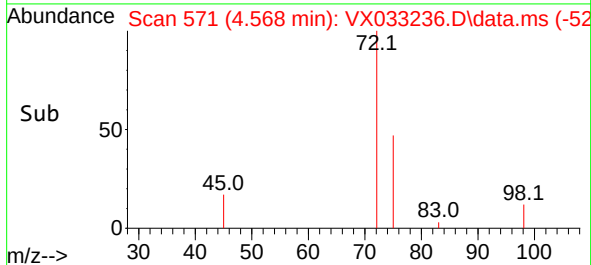
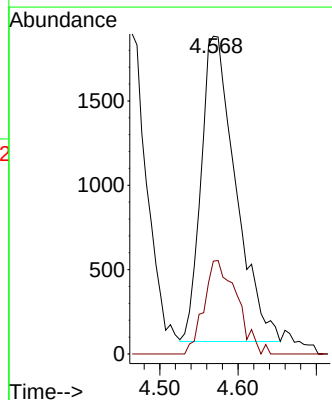
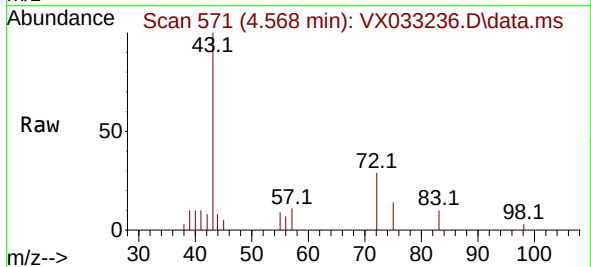
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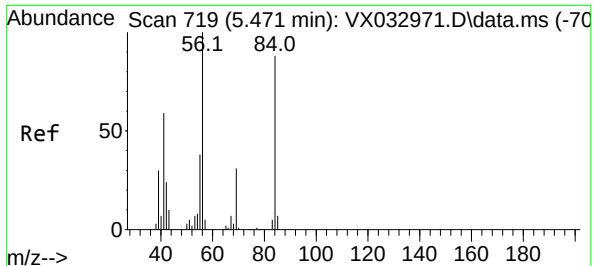
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#25
2-Butanone
Concen: 6.662 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

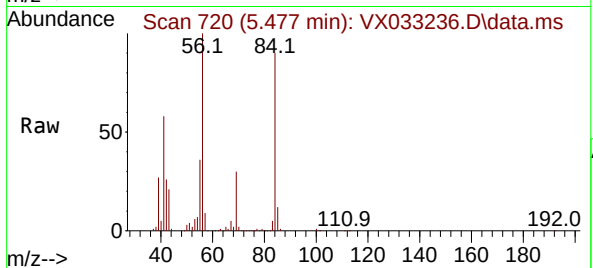
Tgt Ion: 43 Resp: 5553
Ion Ratio Lower Upper
43 100
72 30.4 22.2 33.2





#31
Cyclohexane
Concen: 214.966 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

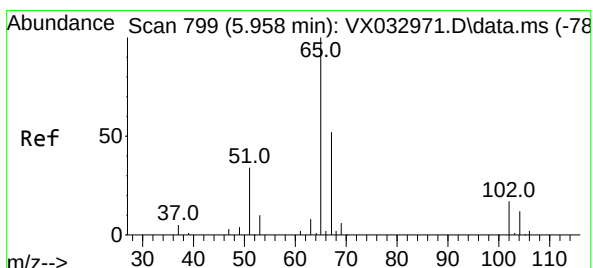
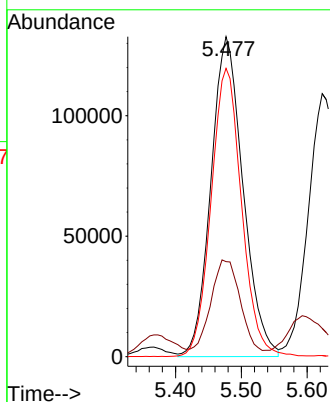
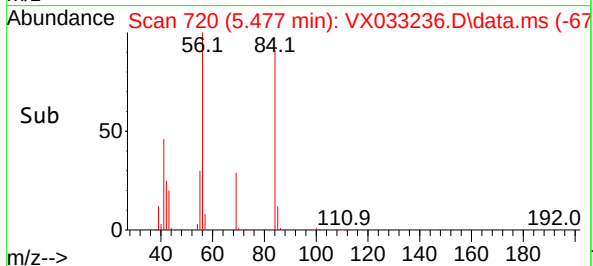
Instrument :
MSVOA_X
ClientSampleId :
MW-37



Tgt Ion: 56 Resp: 45086
Ion Ratio Lower Upper
56 100
69 26.2 24.1 36.1
84 90.6 66.9 100.3

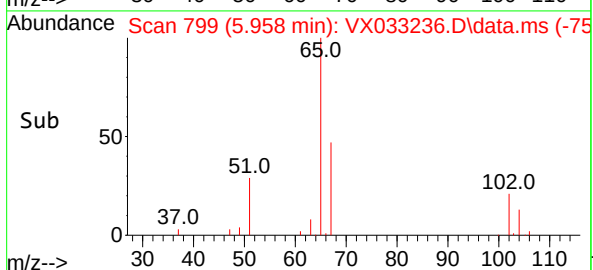
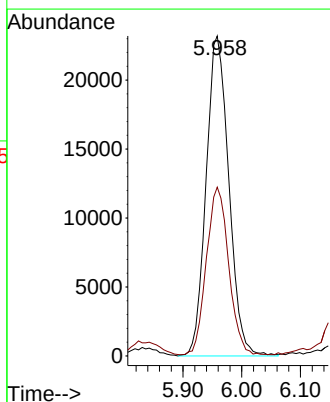
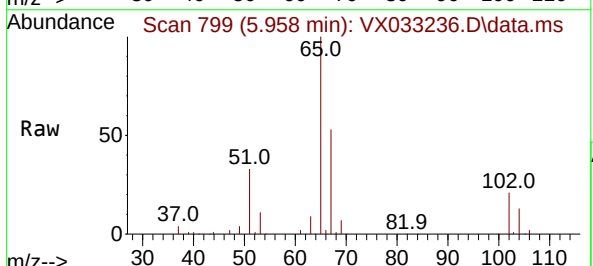
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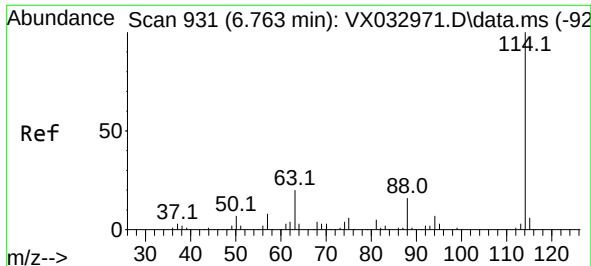
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#33
1,2-Dichloroethane-d4
Concen: 47.845 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

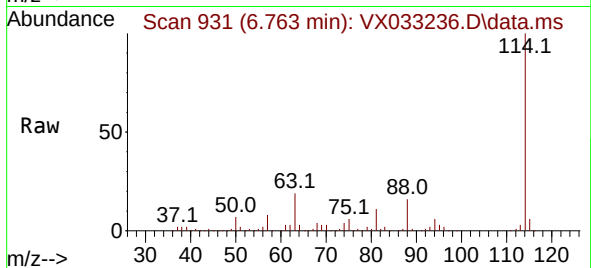
Tgt Ion: 65 Resp: 62317
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

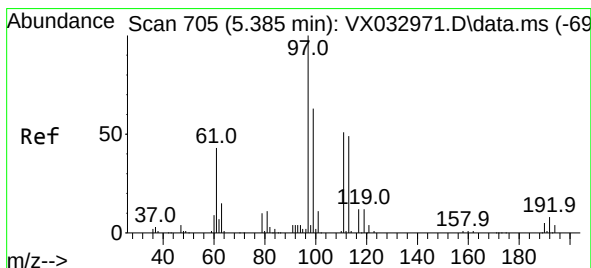
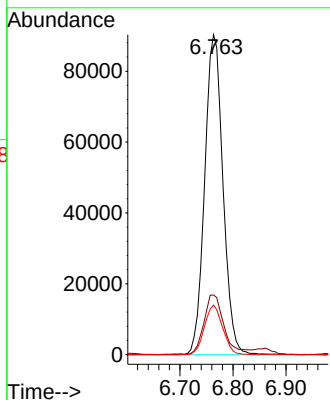
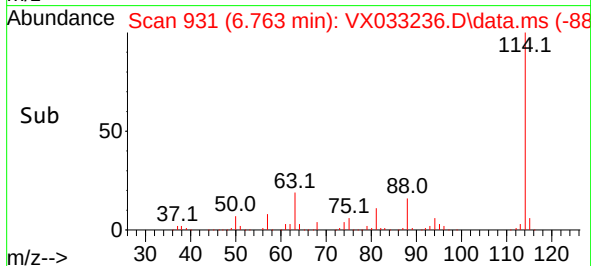
Instrument :
MSVOA_X
ClientSampleId :
MW-37



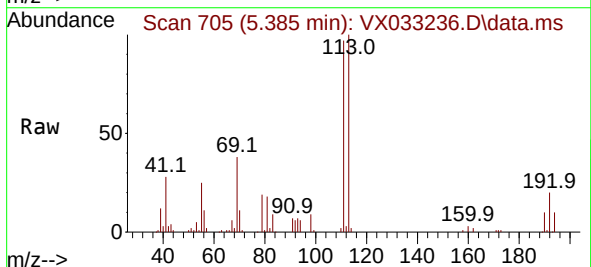
Tgt Ion:114 Resp: 21641
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 15.5 0.0 33.4

Manual Integrations
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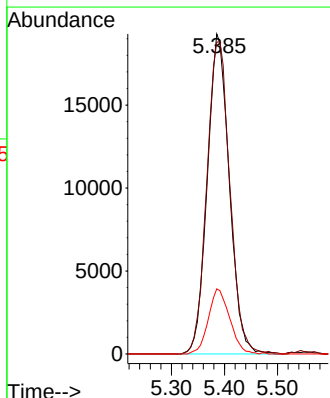
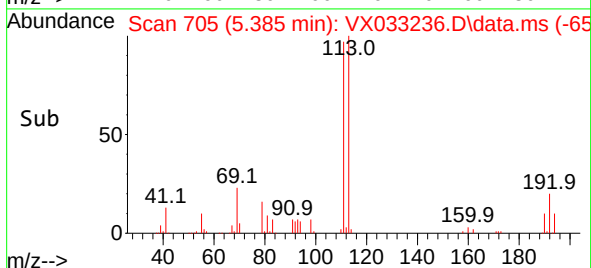
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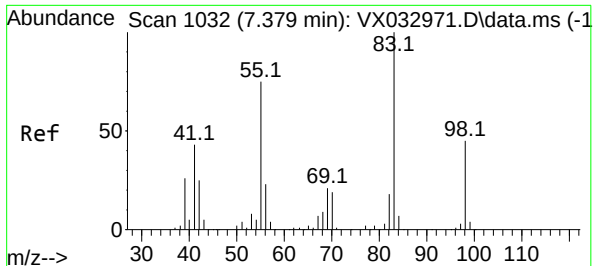


#35
Dibromofluoromethane
Concen: 45.550 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18



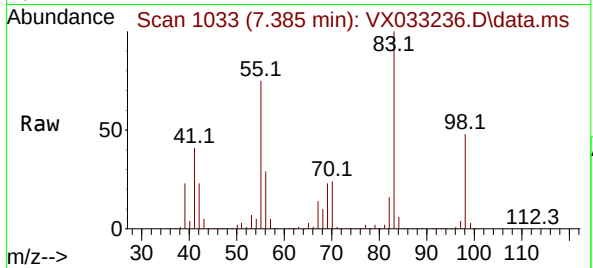
Tgt Ion:113 Resp: 55573
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.7 15.4 23.2





#39
Methylcyclohexane
Concen: 177.882 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

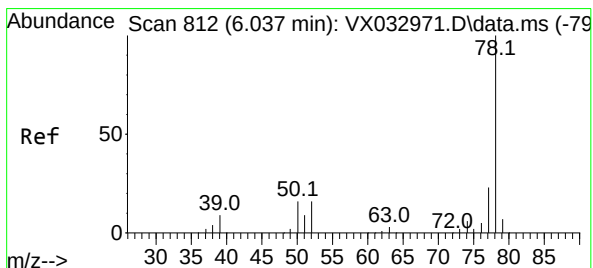
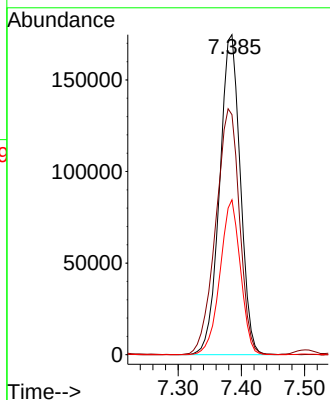
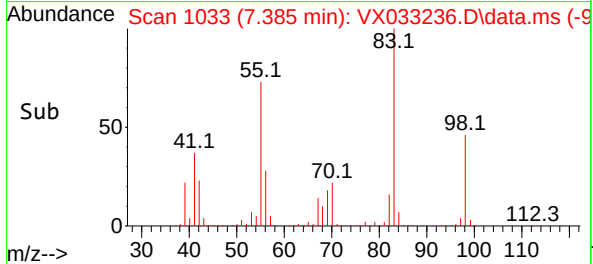
Instrument :
MSVOA_X
ClientSampleId :
MW-37



Tgt Ion: 83 Resp: 395940
Ion Ratio Lower Upper
83 100
55 74.9 58.4 87.6
98 48.4 37.2 55.8

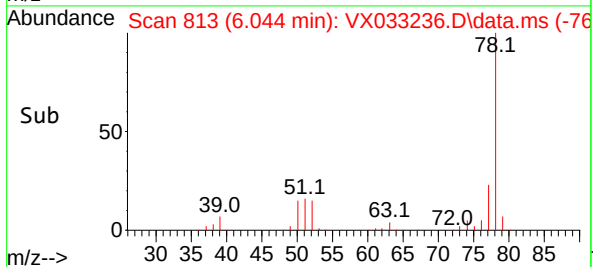
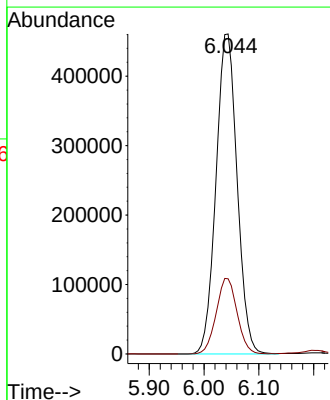
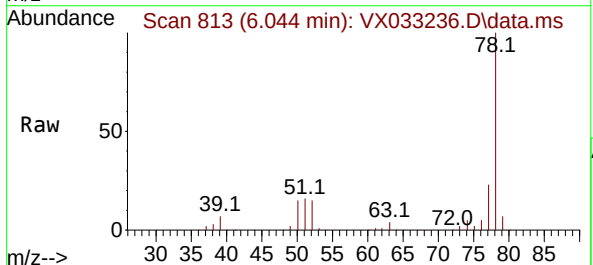
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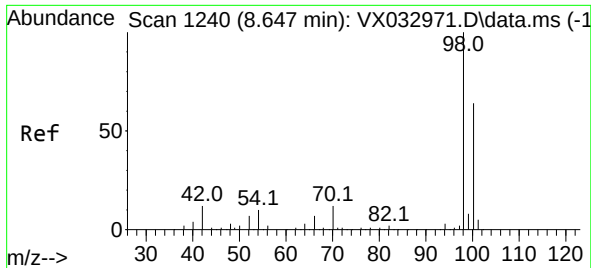
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#40
Benzene
Concen: 225.368 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

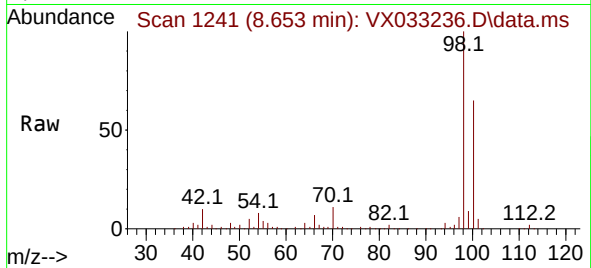
Tgt Ion: 78 Resp: 1232682
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#50
Toluene-d8
Concen: 51.224 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

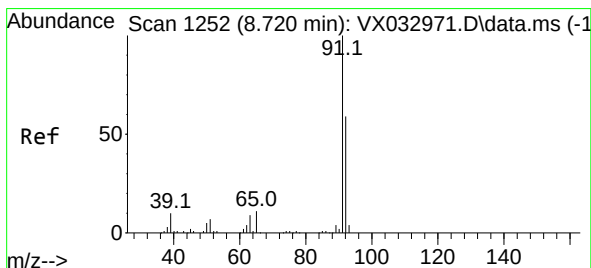
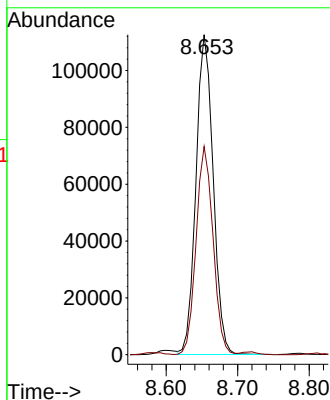
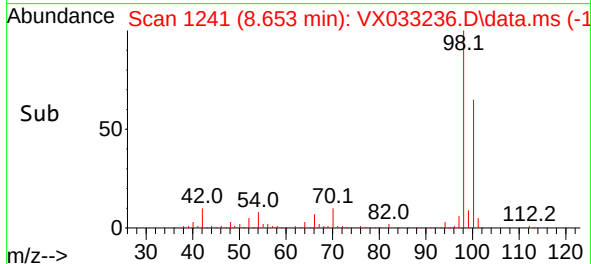
Instrument :
MSVOA_X
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MW-37



Tgt Ion: 98 Resp: 187844
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

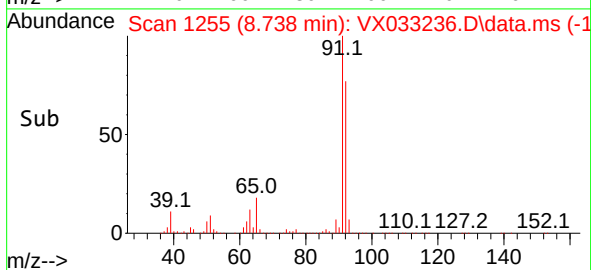
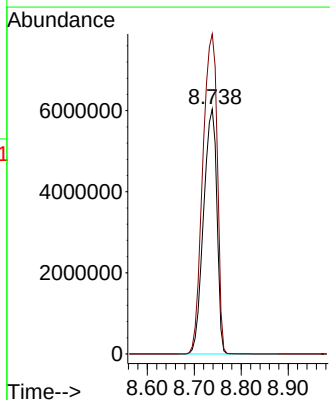
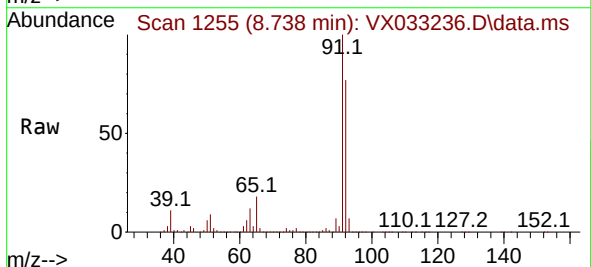
Manual Integrations
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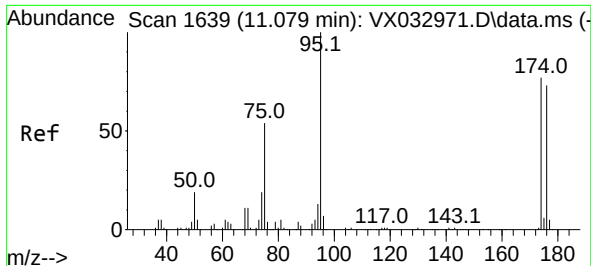
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#52
Toluene
Concen: 3291.145 ug/l
RT: 8.738 min Scan# 1255
Delta R.T. 0.018 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

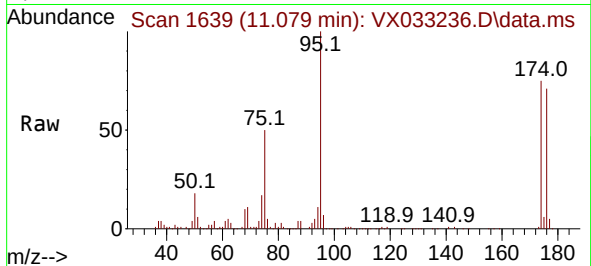
Tgt Ion: 92 Resp:11843150
Ion Ratio Lower Upper
92 100
91 142.1 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 45.186 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

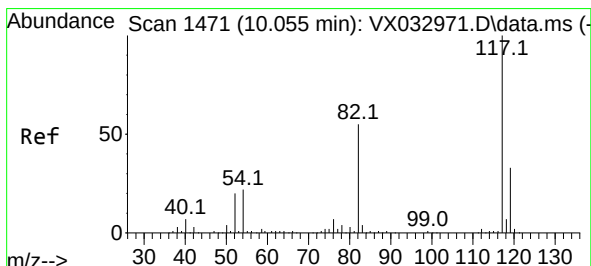
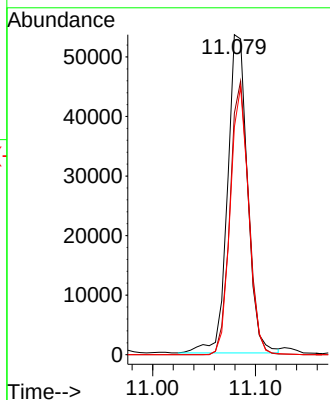
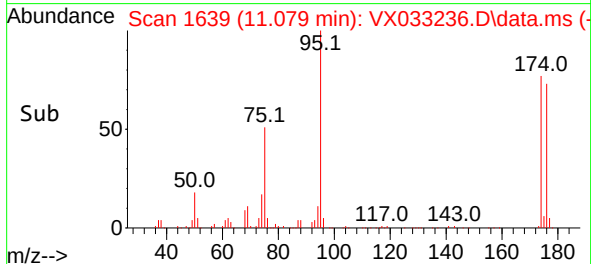
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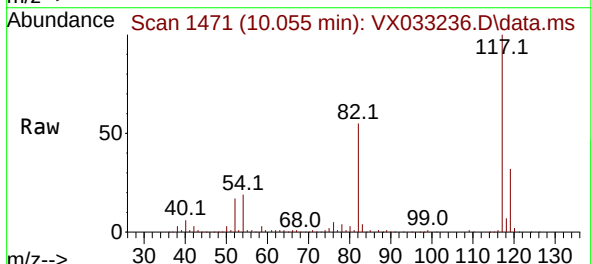
Tgt Ion: 95 Resp: 72419
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 77.4 0.0 154.4

Manual Integrations
APPROVED

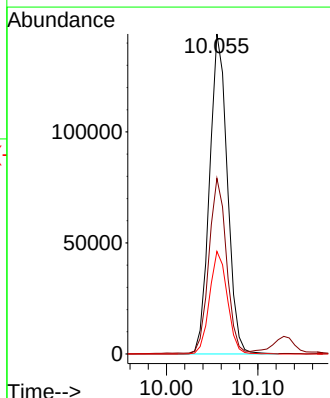
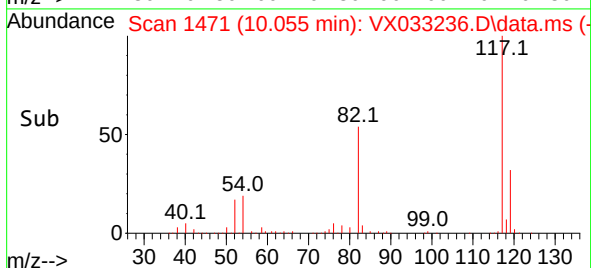
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

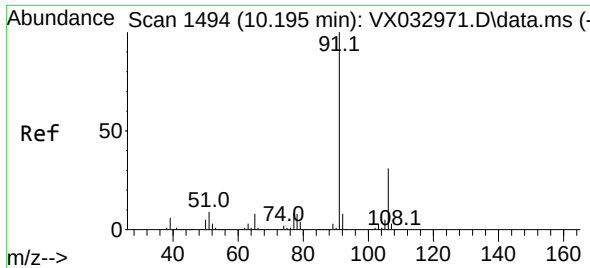


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18



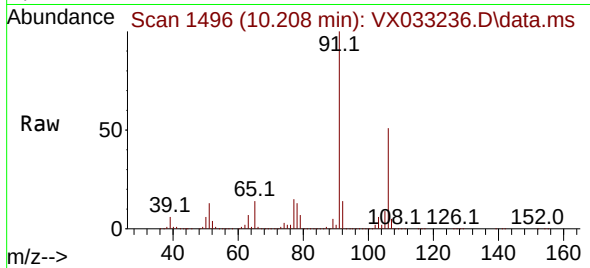
Tgt Ion:117 Resp: 194486
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.1 25.7 38.5





#67
Ethyl Benzene
Concen: 2166.603 ug/l
RT: 10.208 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

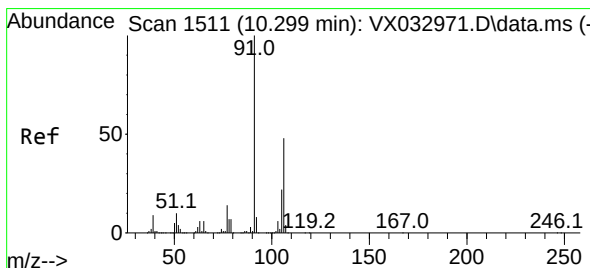
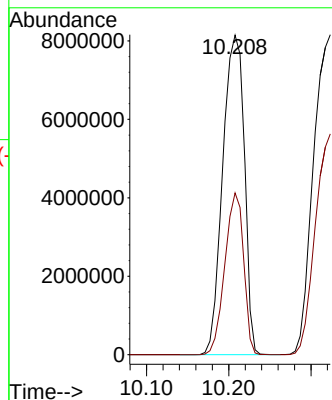
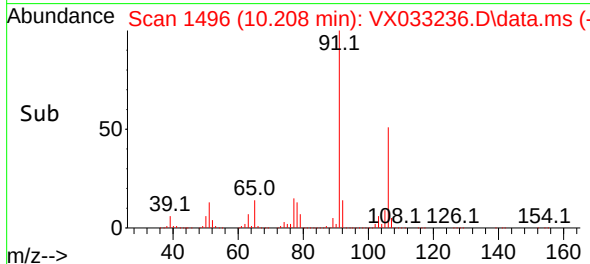
Instrument :
MSVOA_X
ClientSampleId :
MW-37



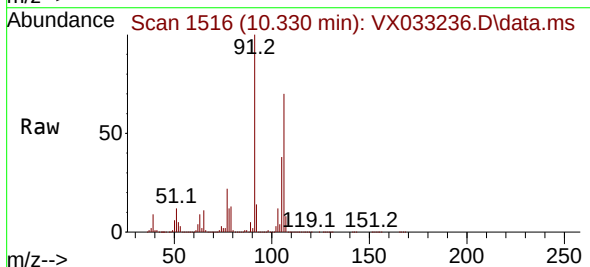
Tgt Ion: 91 Resp:1490249
Ion Ratio Lower Upper
91 100
106 50.6 25.0 37.6

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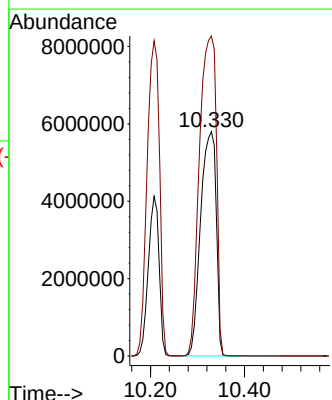
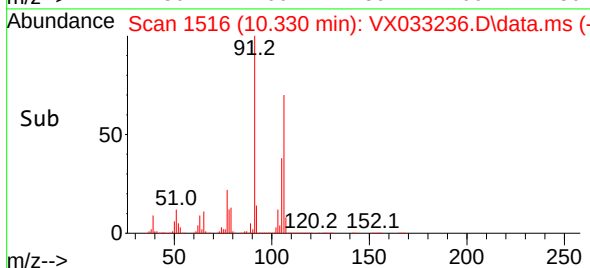
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

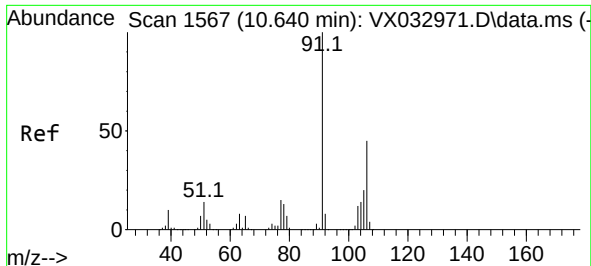


#68
m/p-Xylenes
Concen: 4937.481 ug/l
RT: 10.330 min Scan# 1516
Delta R.T. 0.025 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18



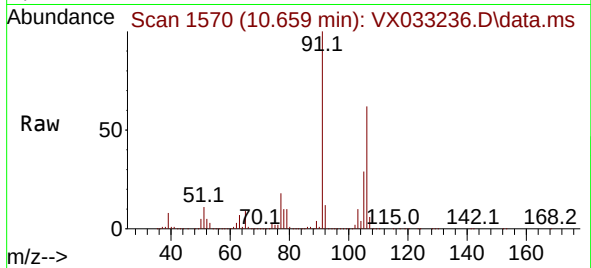
Tgt Ion:106 Resp:13298883
Ion Ratio Lower Upper
106 100
91 155.3 164.5 246.7#





#69
o-Xylene
Concen: 2544.552 ug/l
RT: 10.659 min Scan# 1567
Delta R.T. 0.019 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

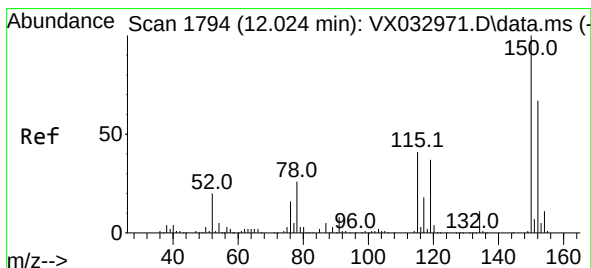
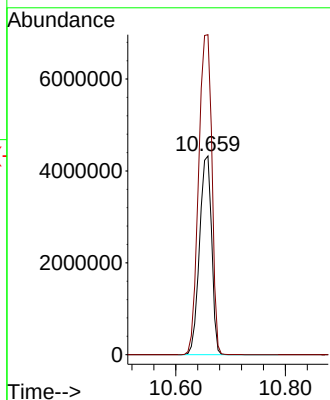
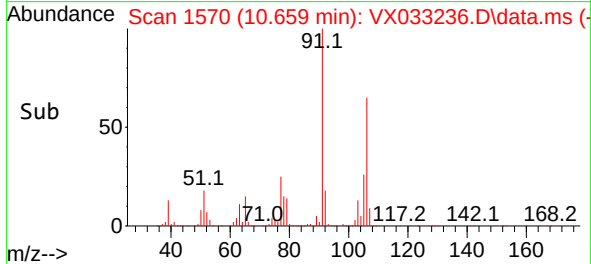
Instrument :
MSVOA_X
ClientSampleId :
MW-37



Tgt Ion:106 Resp: 663139
Ion Ratio Lower Upper
106 100
91 176.2 109.2 327.6

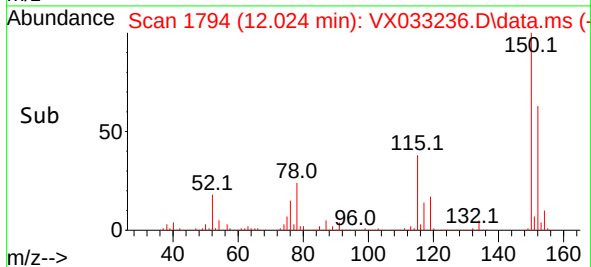
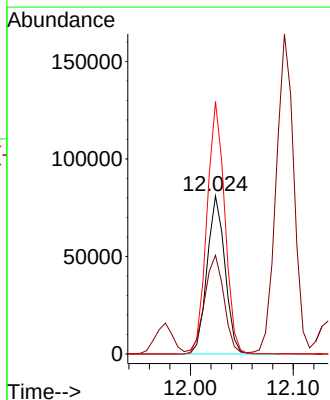
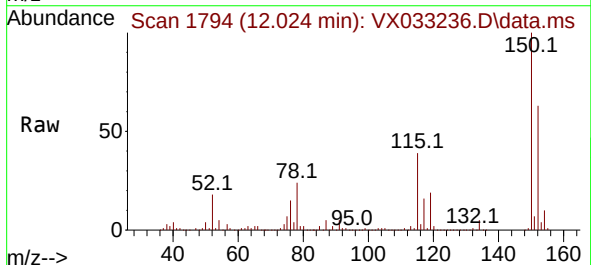
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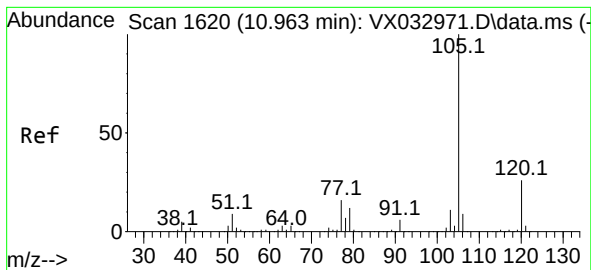
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

Tgt Ion:152 Resp: 97777
Ion Ratio Lower Upper
152 100
115 65.6 44.0 132.0
150 159.1 0.0 351.8





#73

Isopropylbenzene

Concen: 159.808 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX033236.D

Acq: 05 Dec 2022 19:18

Instrument :

MSVOA_X

ClientSampleId :

MW-37

Tgt Ion:105 Resp: 1116584

Ion Ratio Lower Upper

105 100

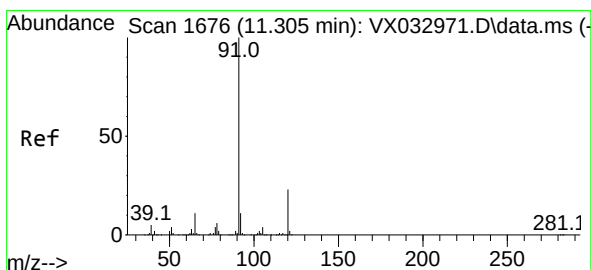
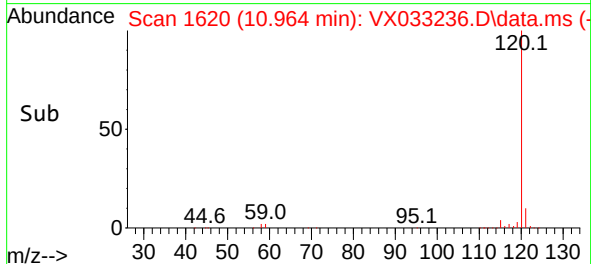
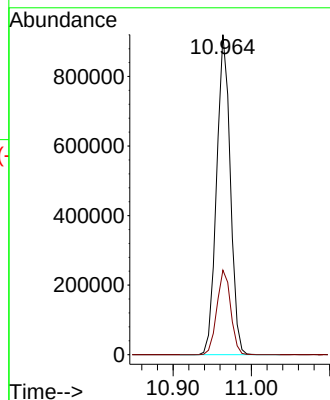
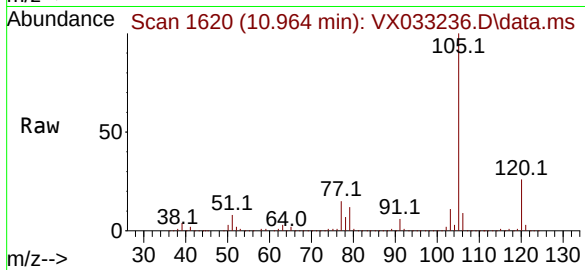
120 26.7 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#78

n-propylbenzene

Concen: 450.089 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033236.D

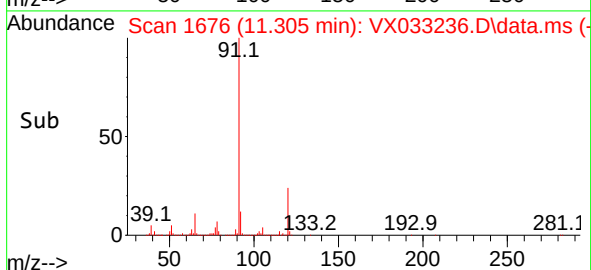
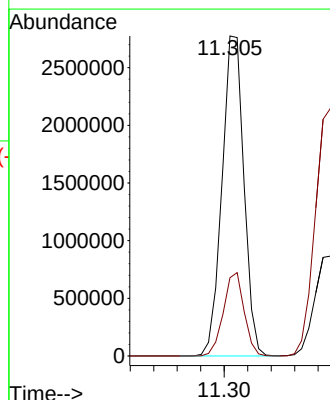
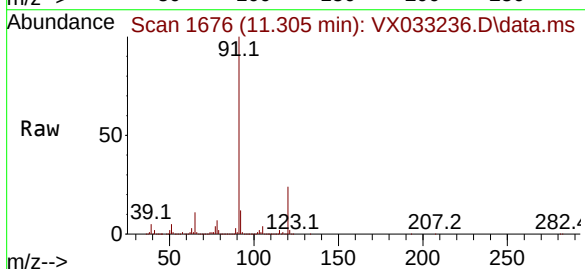
Acq: 05 Dec 2022 19:18

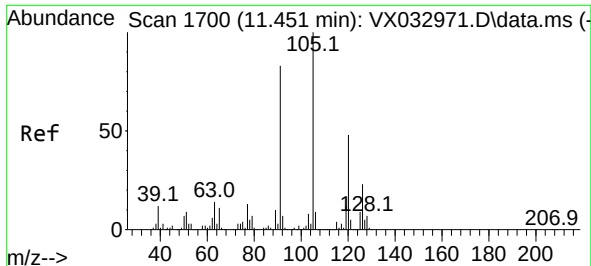
Tgt Ion: 91 Resp: 3595576

Ion Ratio Lower Upper

91 100

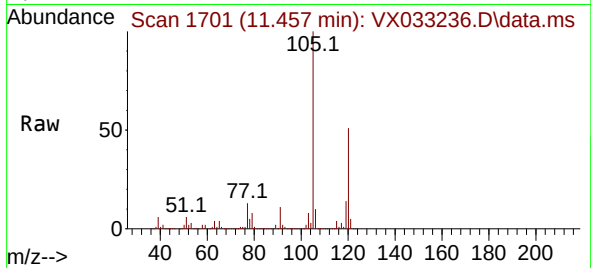
120 24.6 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 640.766 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

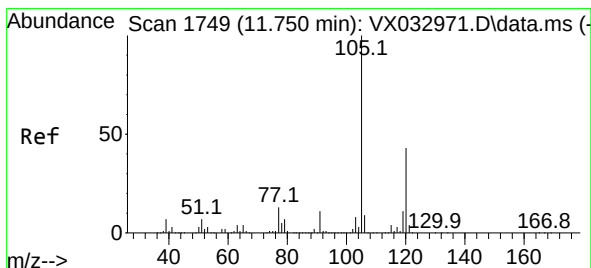
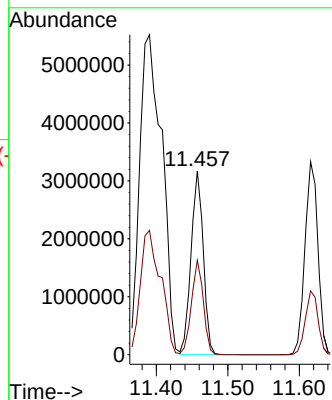
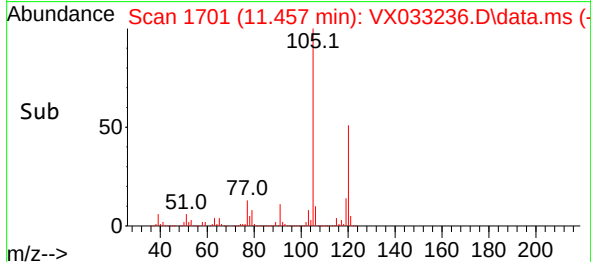
Instrument :
MSVOA_X
ClientSampleId :
MW-37



Tgt Ion:105 Resp: 3761045
Ion Ratio Lower Upper
105 100
120 50.0 23.6 71.0

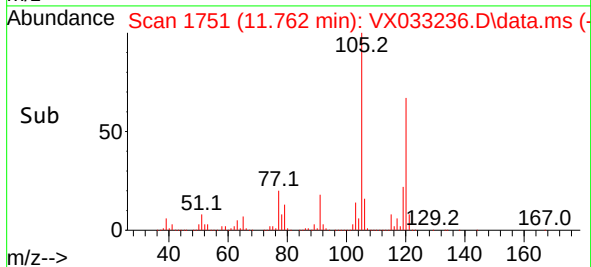
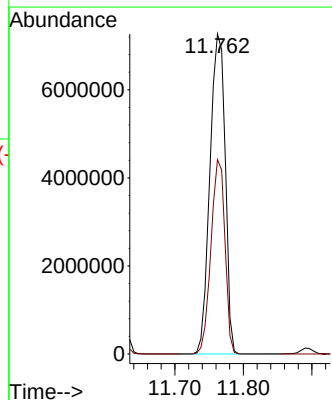
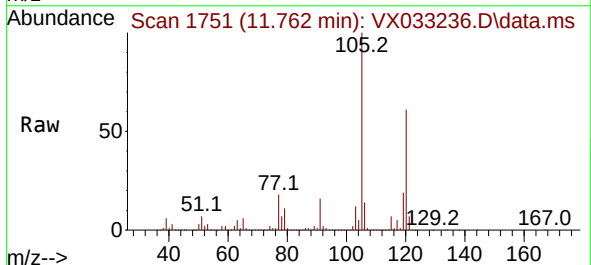
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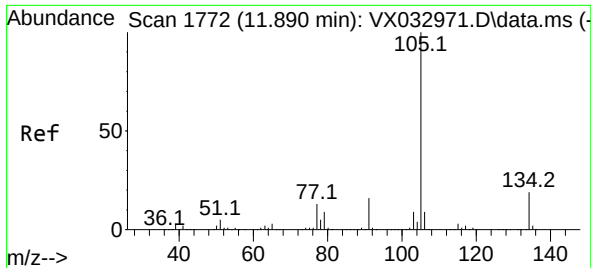
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#84
1,2,4-Trimethylbenzene
Concen: 1930.994 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX033236.D
Acq: 05 Dec 2022 19:18

Tgt Ion:105 Resp:11301505
Ion Ratio Lower Upper
105 100
120 55.6 21.9 65.5





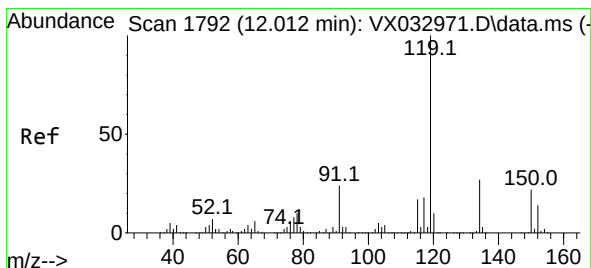
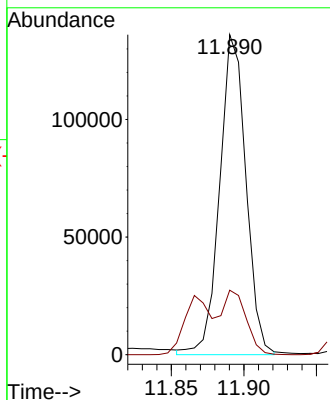
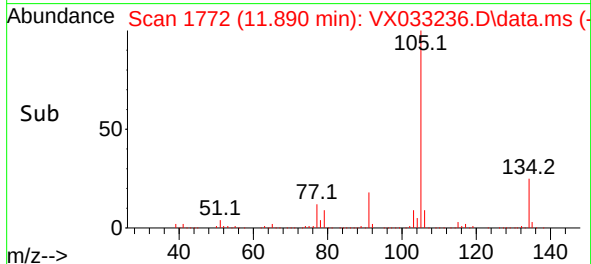
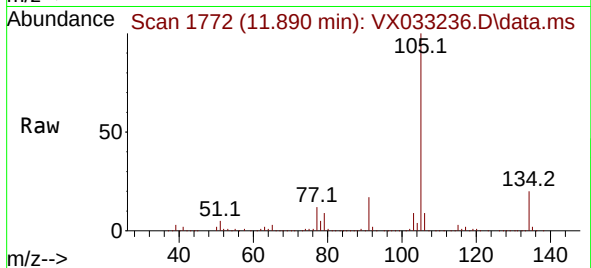
#85
 sec-Butylbenzene
 Concen: 24.460 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033236.D
 Acq: 05 Dec 2022 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-37

Tgt Ion:105 Resp: 170972
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7%

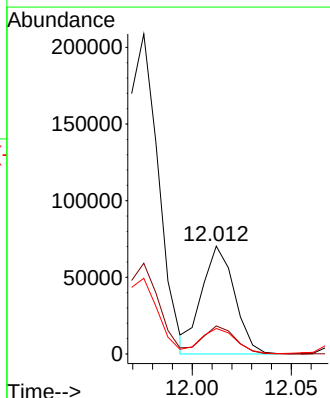
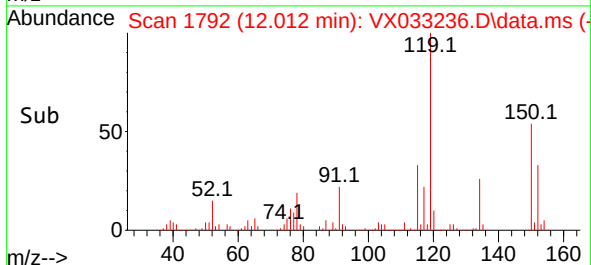
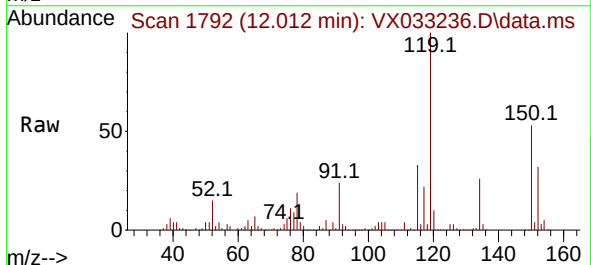
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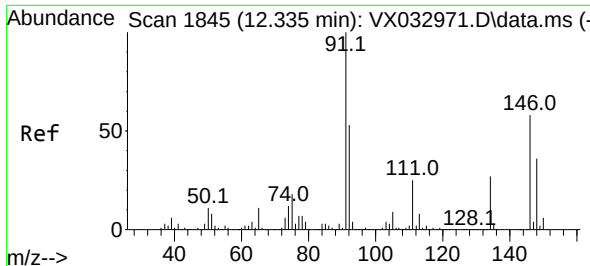
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022



#86
 p-Isopropyltoluene
 Concen: 13.697 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033236.D
 Acq: 05 Dec 2022 19:18

Tgt Ion:119 Resp: 81117
 Ion Ratio Lower Upper
 119 100
 134 88.2 12.9 38.7#
 91 74.6 12.5 37.5#





#89

n-Butylbenzene

Concen: 90.680 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033236.D

Acq: 05 Dec 2022 19:18

Instrument :

MSVOA_X

ClientSampleId :

MW-37

Tgt Ion: 91 Resp: 46264

Ion Ratio Lower Upper

91 100

92 32.5 26.2 78.6

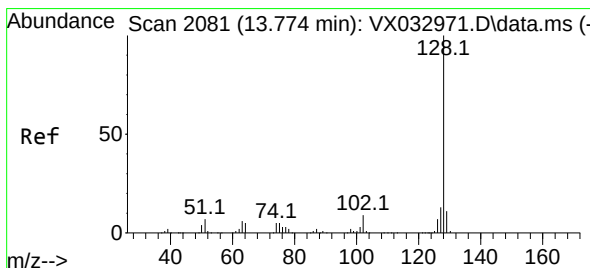
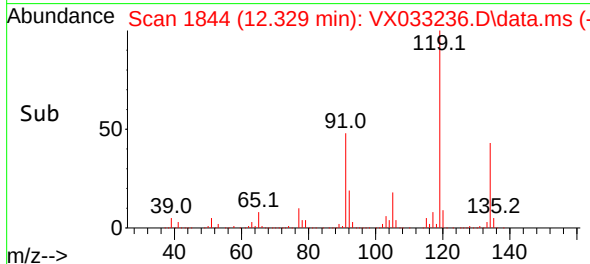
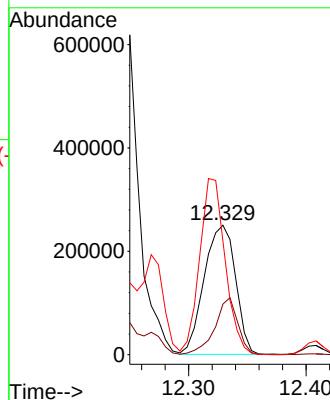
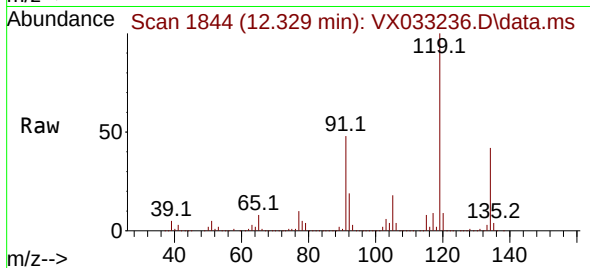
134 111.0 12.9 38.6

Manual Integrations

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Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#95

Naphthalene

Concen: 889.307 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX033236.D

Acq: 05 Dec 2022 19:18

Tgt Ion:128 Resp: 5560203

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

129 12.4 8.9 13.3

