

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033154.D
 Acq On : 01 Dec 2022 11:42
 Operator : JC/MD
 Sample : N5815-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 00:48:59 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	127660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68883	55.569	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.140%			
35) Dibromofluoromethane	5.385	113	54480	47.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.580%			
50) Toluene-d8	8.647	98	183273	53.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.000%			
62) 4-Bromofluorobenzene	11.079	95	68857	45.498	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.000%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	2064m	3.555	ug/l	
31) Cyclohexane	5.470	56	21900	10.872	ug/l #	93
39) Methylcyclohexane	7.379	83	7798	3.710	ug/l #	82
40) Benzene	6.043	78	25716	4.979	ug/l	99
52) Toluene	8.726	92	2628	0.773	ug/l	97
67) Ethyl Benzene	10.195	91	77829	12.141	ug/l	98
68) m/p-Xylenes	10.305	106	3072	1.224	ug/l	98
69) o-Xylene	10.646	106	580	0.239	ug/l	91
73) Isopropylbenzene	10.963	105	10525	1.693	ug/l	96
78) n-propylbenzene	11.305	91	18539	2.608	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	3913	0.751	ug/l	98
85) sec-Butylbenzene	11.890	105	1700m	0.273	ug/l	
95) Naphthalene	13.780	128	13450	2.417	ug/l	98

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

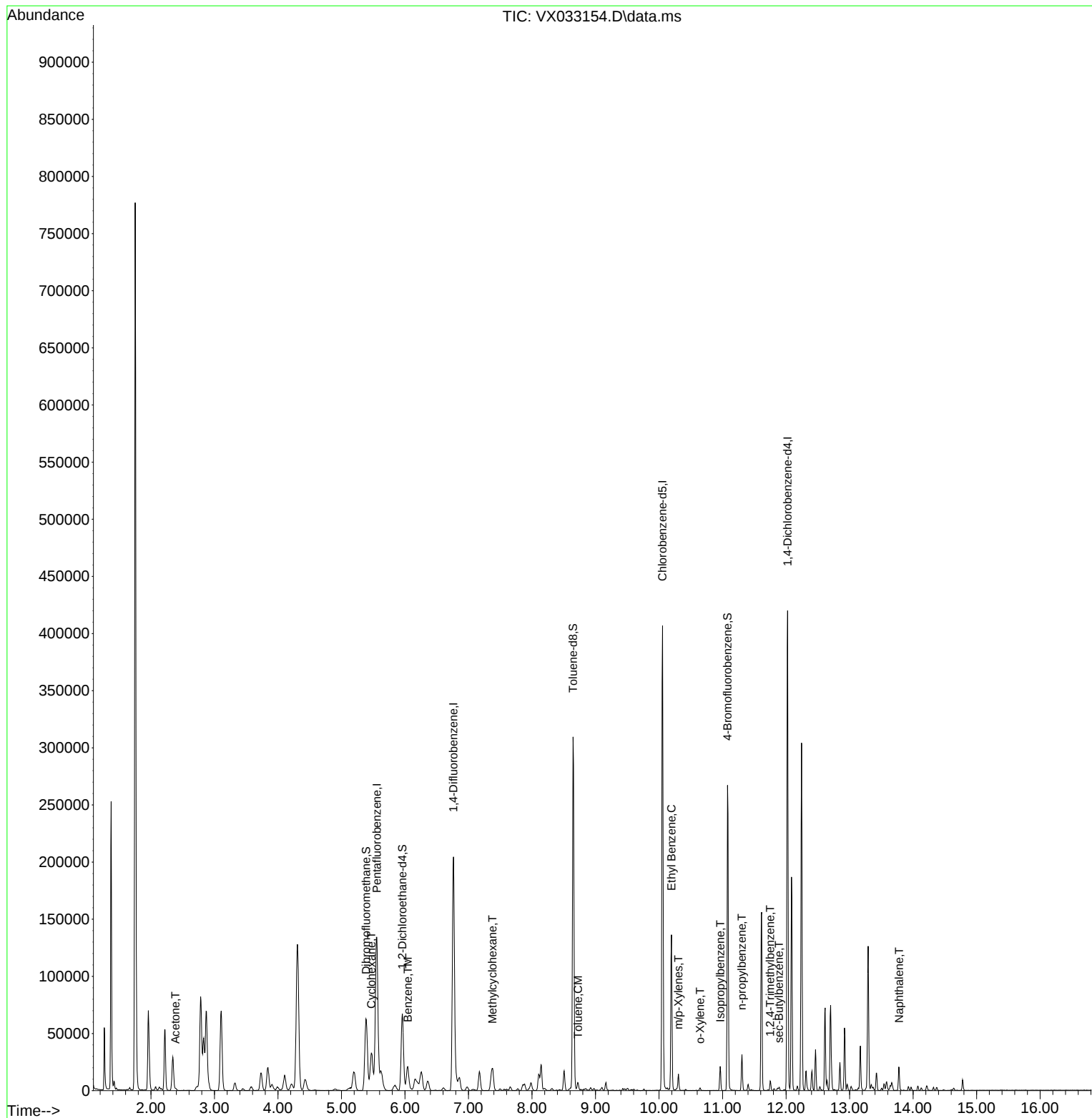
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
Data File : VX033154.D
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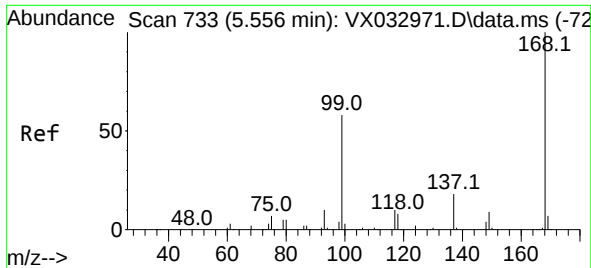
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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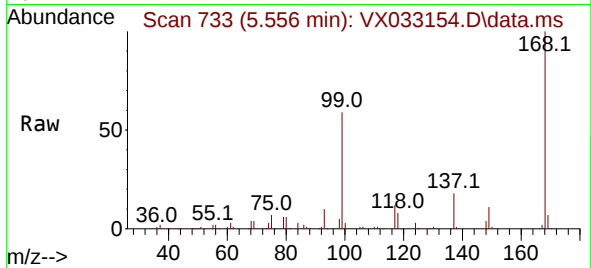
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

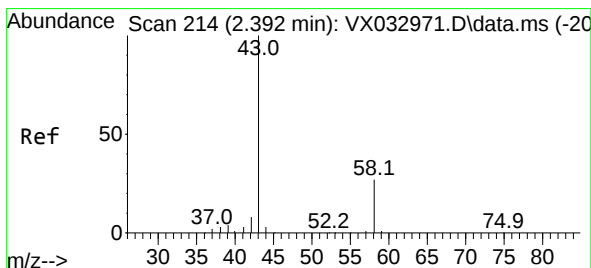
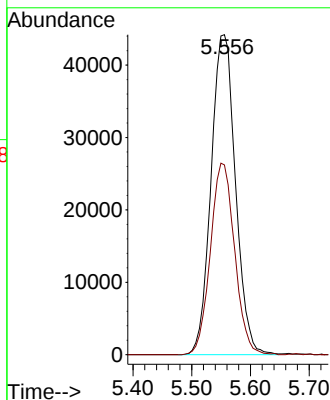
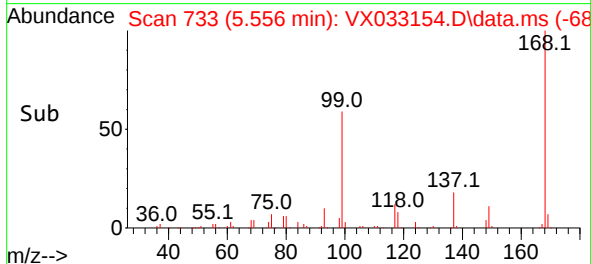
Instrument :
MSVOA_X
ClientSampleId :
MW-04



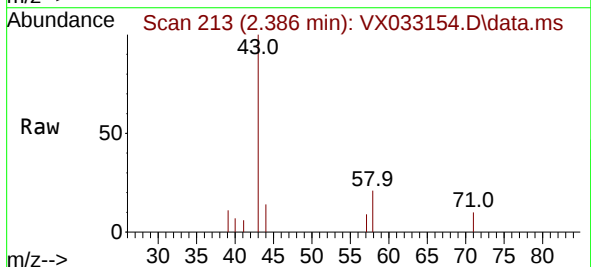
Tgt Ion:168 Resp: 127660
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1

Manual Integrations
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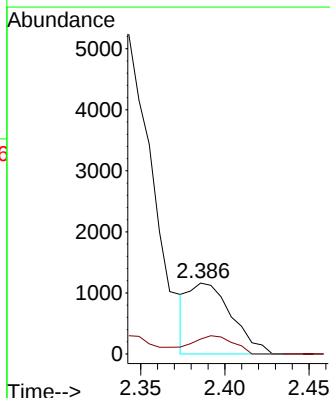
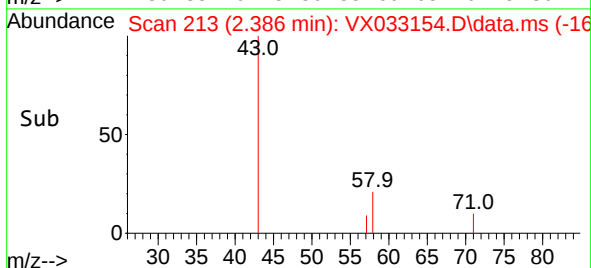
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

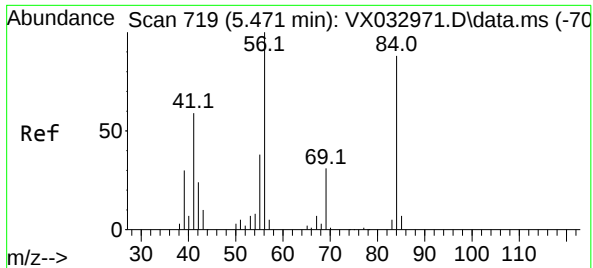


#16
Acetone
Concen: 3.555 ug/l m
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42



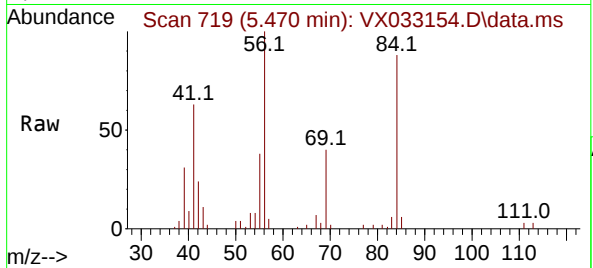
Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
58 20.9 23.8 35.8#





#31
Cyclohexane
Concen: 10.872 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

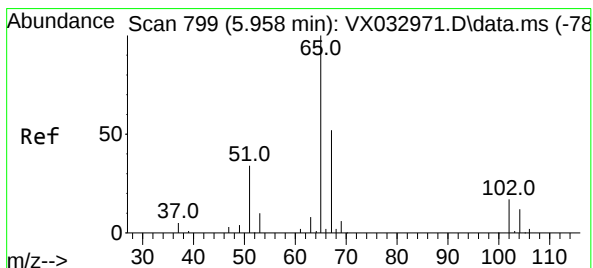
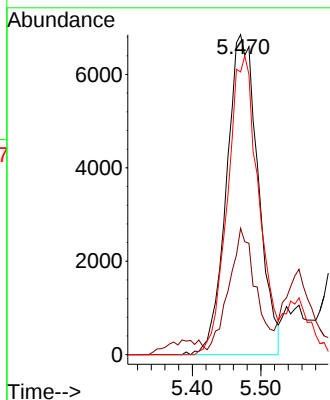
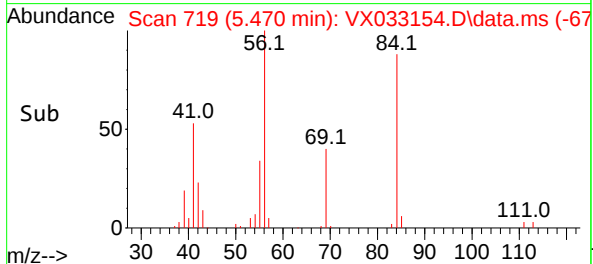
Instrument :
MSVOA_X
ClientSampleId :
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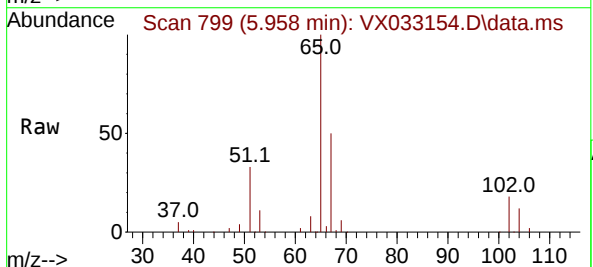
Tgt Ion: 56 Resp: 21900
Ion Ratio Lower Upper
56 100
69 36.5 24.1 36.1
84 88.4 66.9 100.3

Manual Integrations
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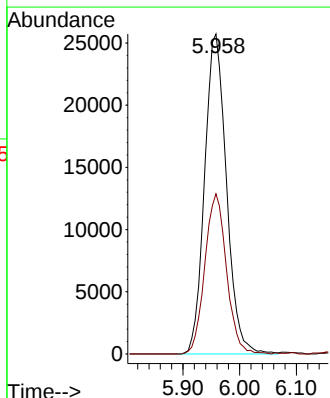
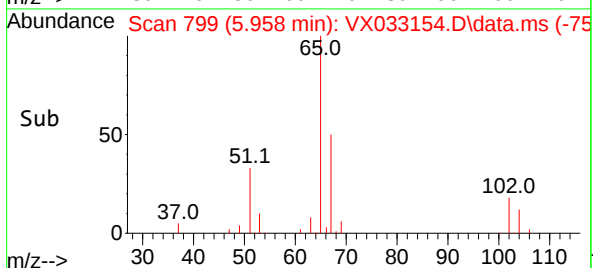
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

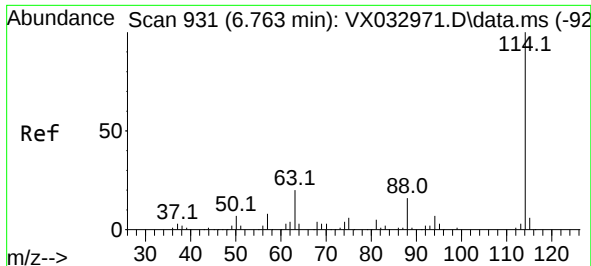


#33
1,2-Dichloroethane-d4
Concen: 55.569 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42



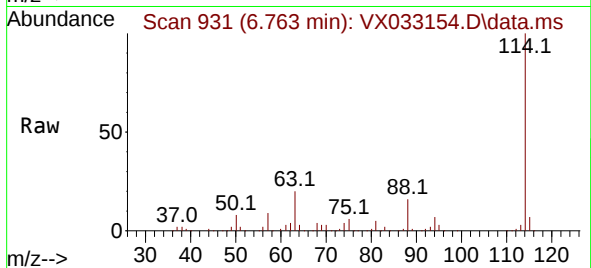
Tgt Ion: 65 Resp: 68883
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

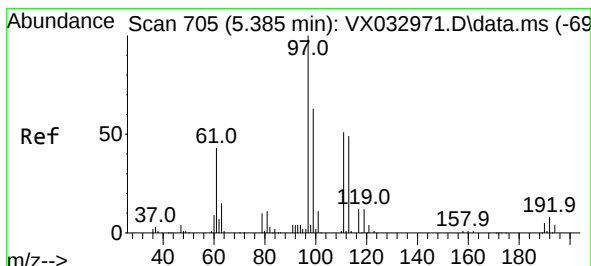
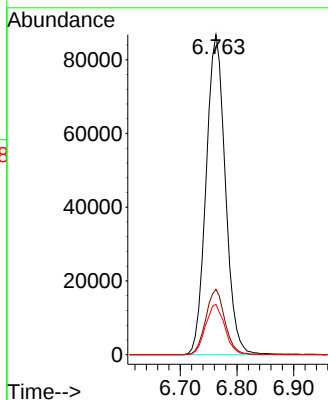
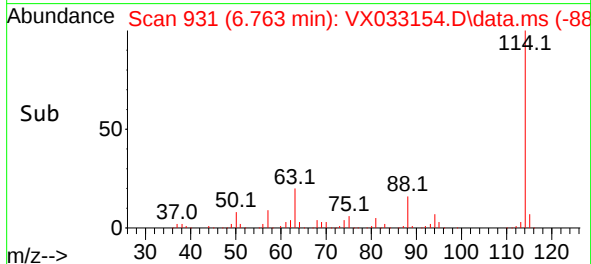
Instrument :
MSVOA_X
ClientSampleId :
MW-04



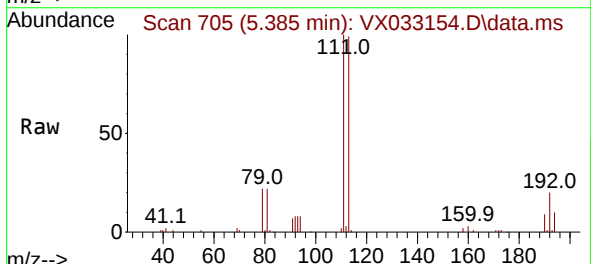
Tgt Ion:114 Resp: 204358
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 15.8 0.0 33.4

Manual Integrations
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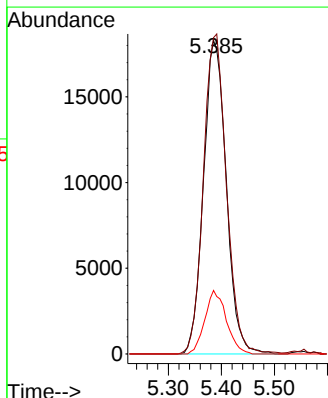
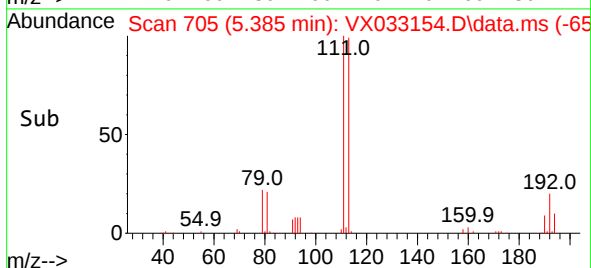
Reviewed By :John Carlone 12/02/2022
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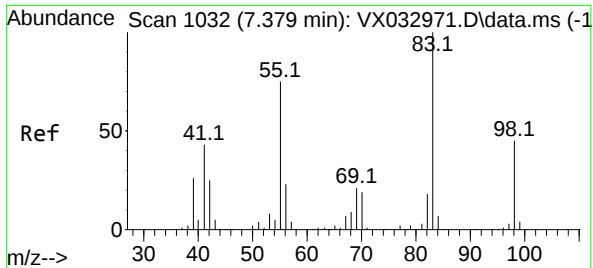


#35
Dibromofluoromethane
Concen: 47.288 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42



Tgt Ion:113 Resp: 54480
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.1 15.4 23.2





#39

Methylcyclohexane

Concen: 3.710 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033154.D

Acq: 01 Dec 2022 11:42

Instrument :

MSVOA_X

ClientSampleId :

MW-04

Tgt Ion: 83 Resp: 7798

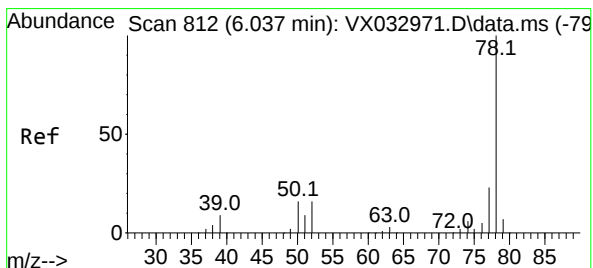
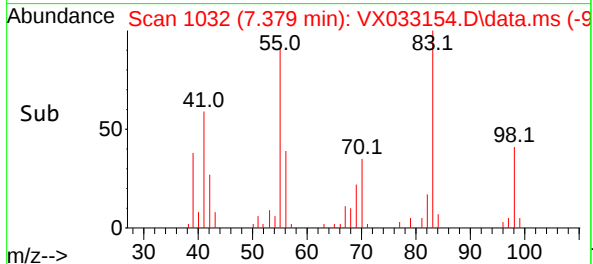
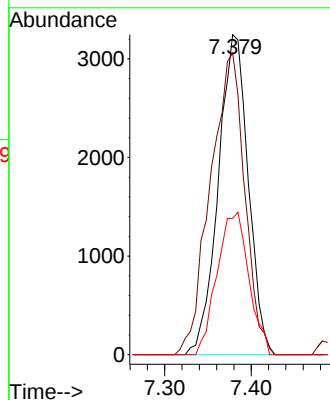
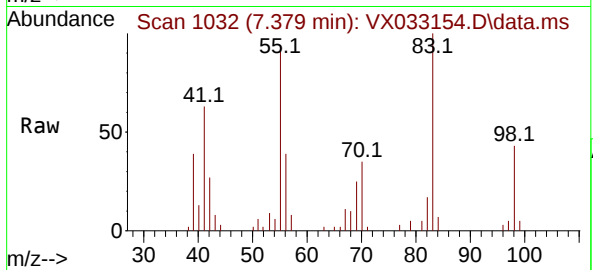
Ion	Ratio	Lower	Upper
83	100		
55	94.2	58.4	87.6
98	42.6	37.2	55.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/02/2022



#40

Benzene

Concen: 4.979 ug/l

RT: 6.043 min Scan# 813

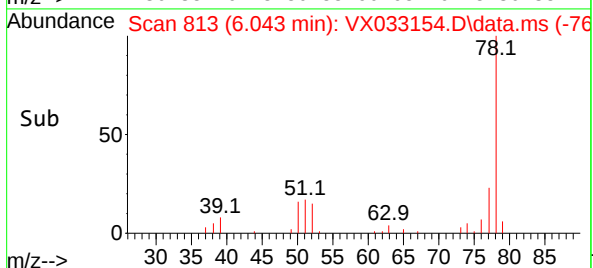
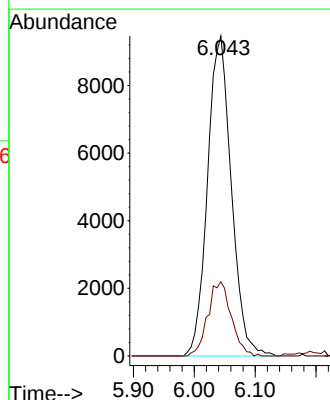
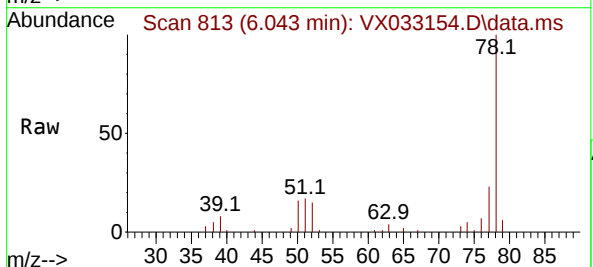
Delta R.T. 0.006 min

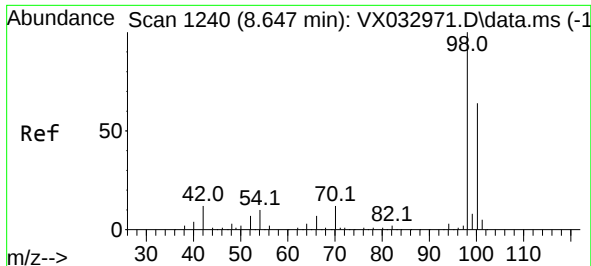
Lab File: VX033154.D

Acq: 01 Dec 2022 11:42

Tgt Ion: 78 Resp: 25716

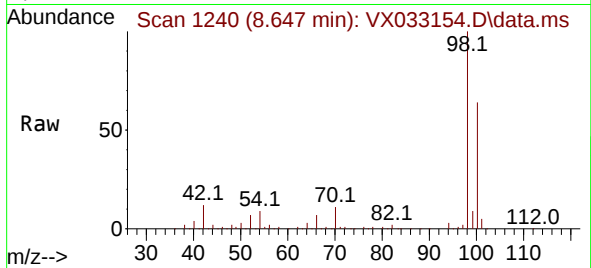
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





#50
Toluene-d8
Concen: 53.000 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

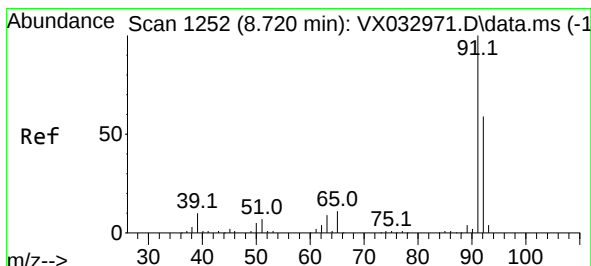
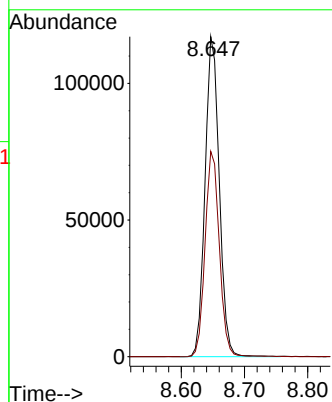
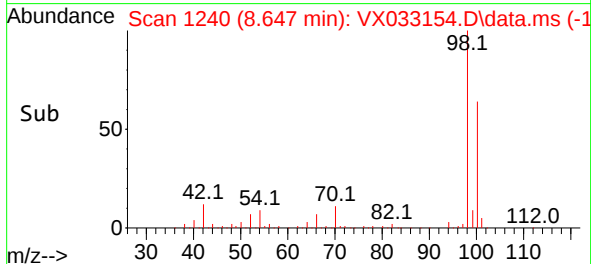
Instrument :
MSVOA_X
ClientSampleId :
MW-04



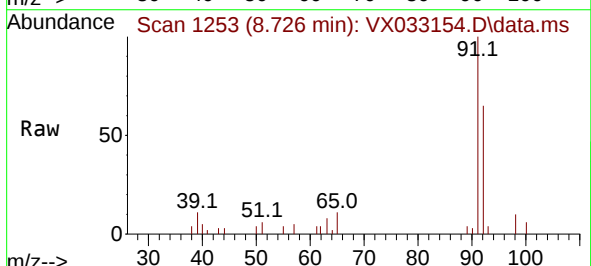
Tgt Ion: 98 Resp: 18327
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

Manual Integrations
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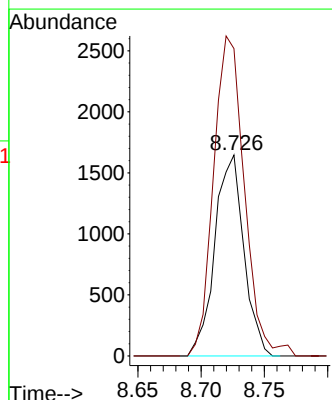
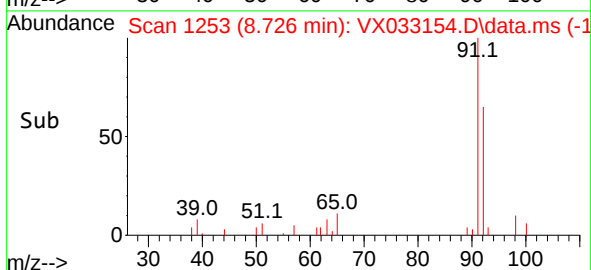
Reviewed By :John Carlone 12/02/2022
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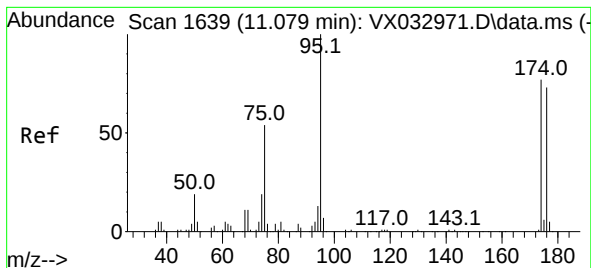


#52
Toluene
Concen: 0.773 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42



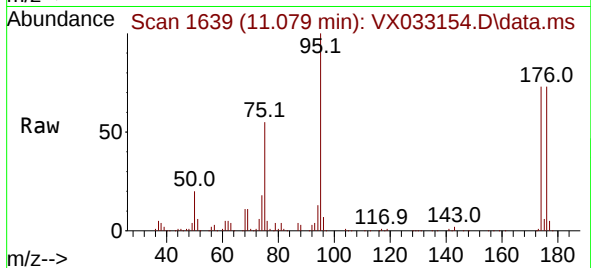
Tgt Ion: 92 Resp: 2628
Ion Ratio Lower Upper
92 100
91 168.9 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 45.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

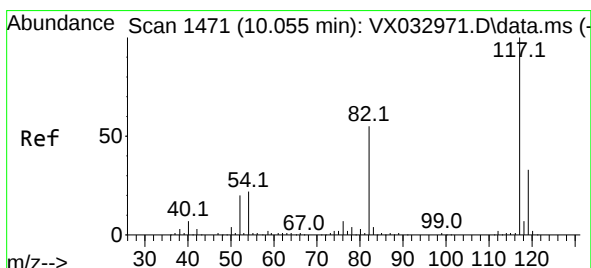
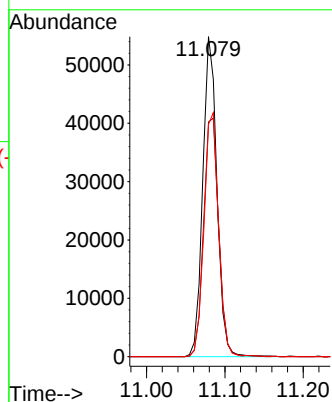
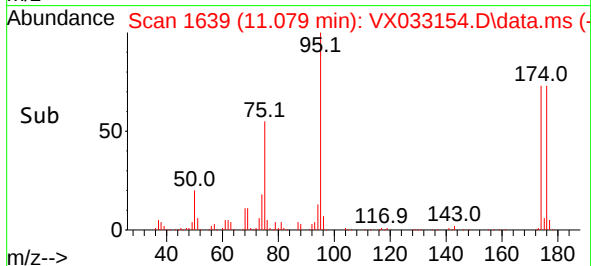
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ClientSampleId :
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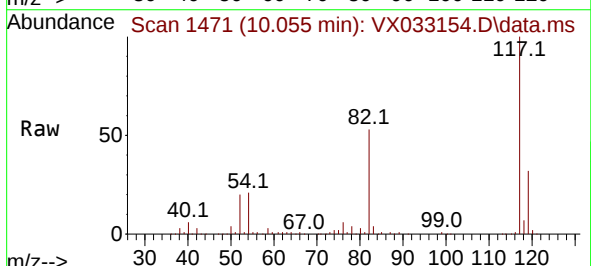
Tgt Ion: 95 Resp: 6885
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.0
176 78.5 0.0 154.4

Manual Integrations
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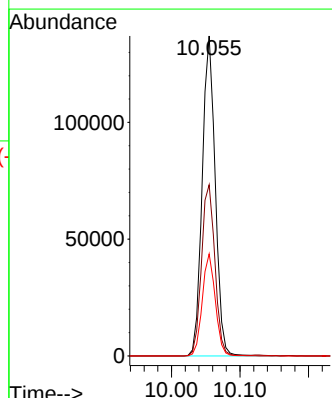
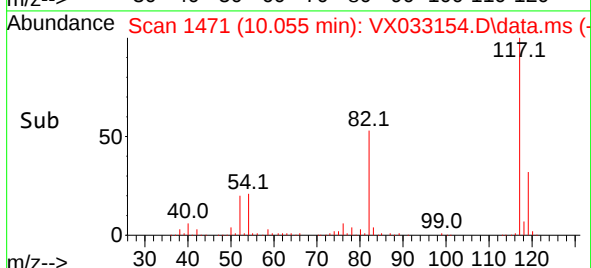
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

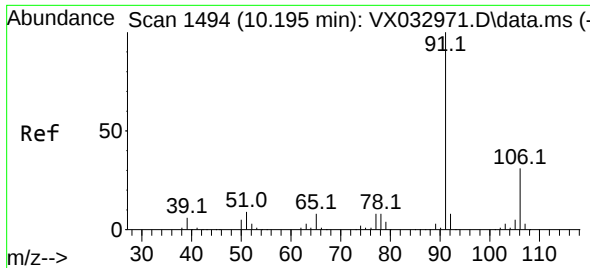


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42



Tgt Ion:117 Resp: 181257
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.9 25.7 38.5





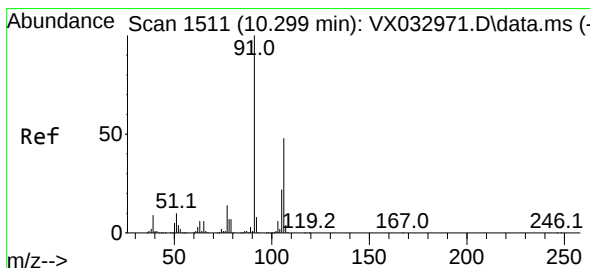
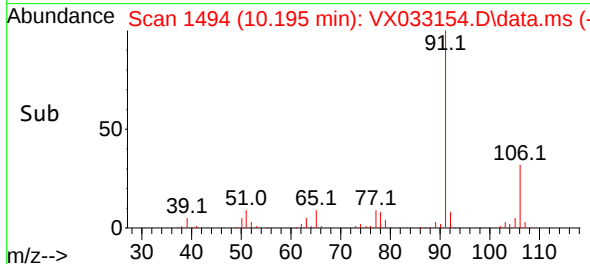
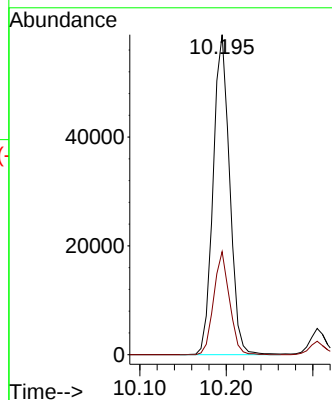
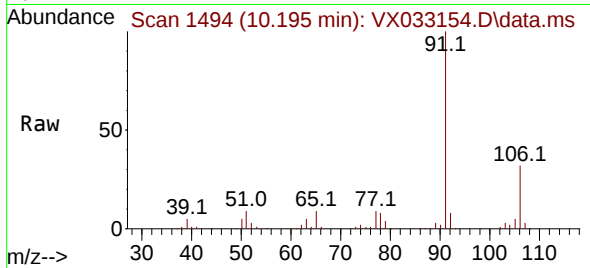
#67
Ethyl Benzene
Concen: 12.141 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

Instrument :
MSVOA_X
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Tgt Ion: 91 Resp: 77829
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6

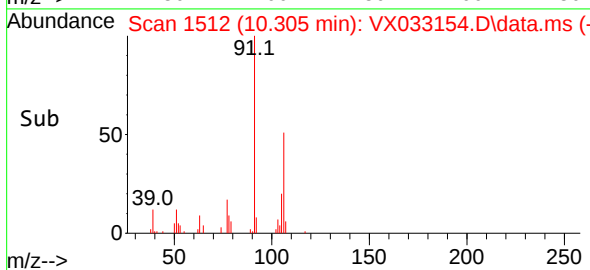
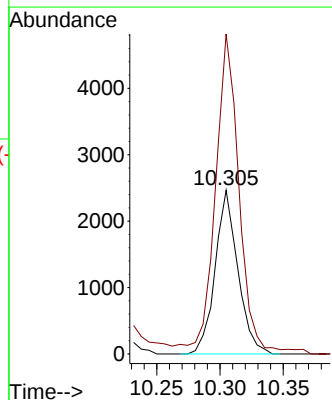
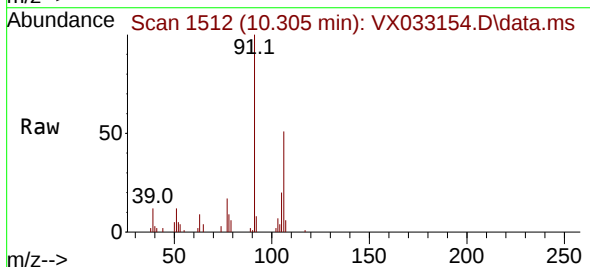
Manual Integrations
APPROVED

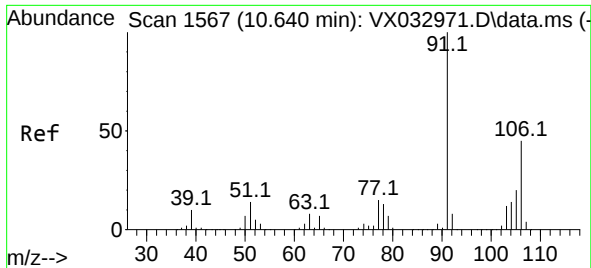
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#68
m/p-Xylenes
Concen: 1.224 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

Tgt Ion:106 Resp: 3072
Ion Ratio Lower Upper
106 100
91 203.2 164.5 246.7





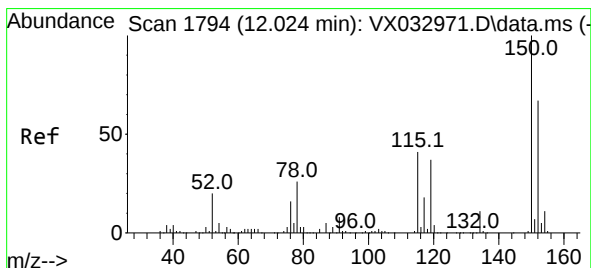
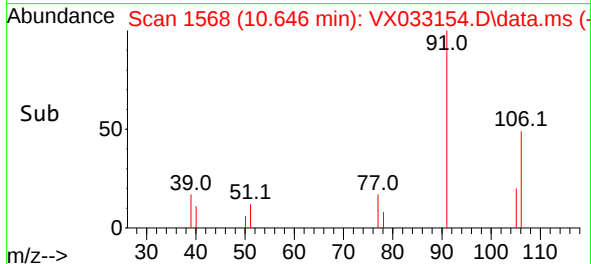
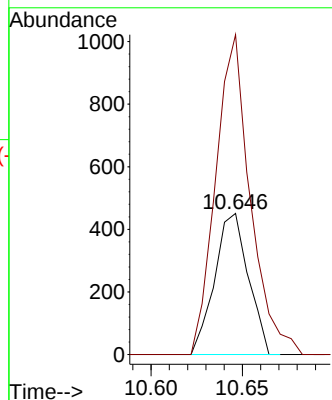
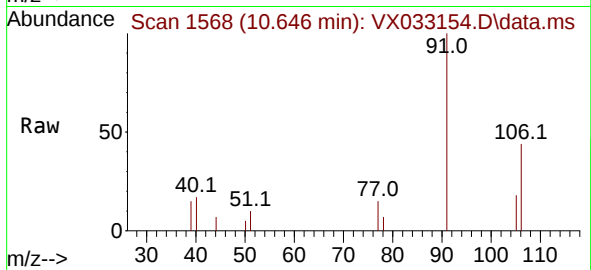
#69
o-Xylene
Concen: 0.239 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

Instrument :
MSVOA_X
ClientSampleId :
MW-04

Tgt Ion:106 Resp: 580
Ion Ratio Lower Upper
106 100
91 232.4 109.2 327.6

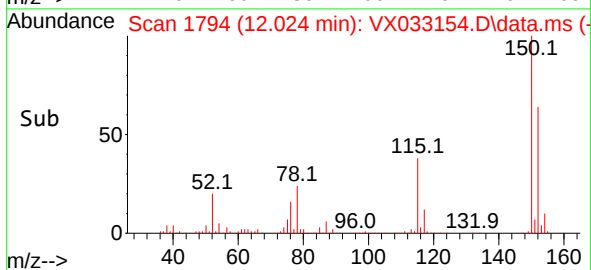
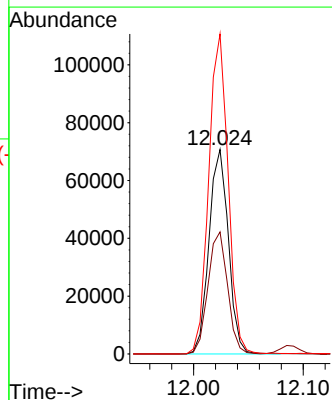
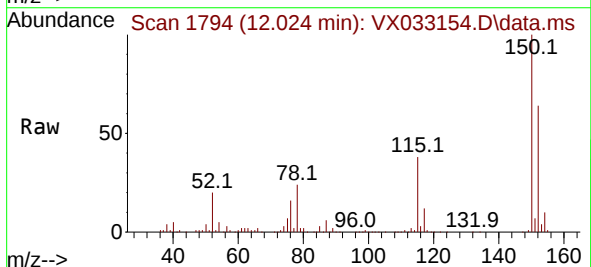
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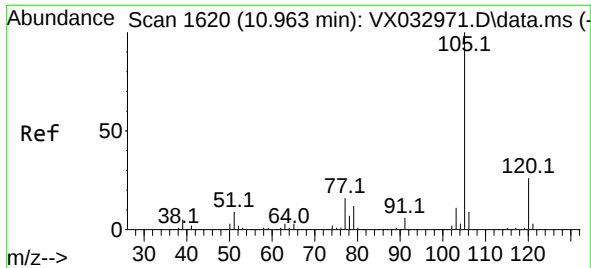
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

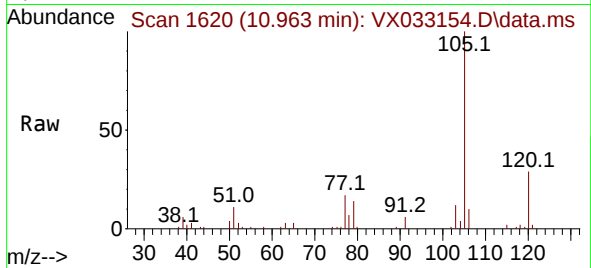
Tgt Ion:152 Resp: 87018
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 156.1 0.0 351.8





#73
Isopropylbenzene
Concen: 1.693 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

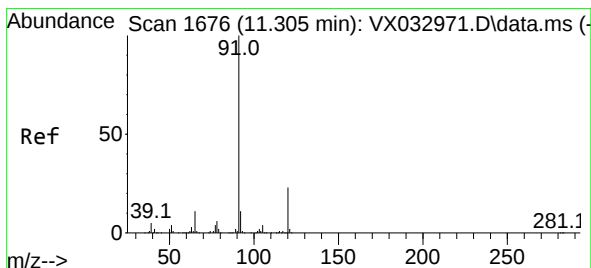
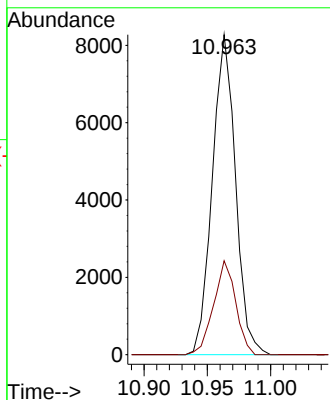
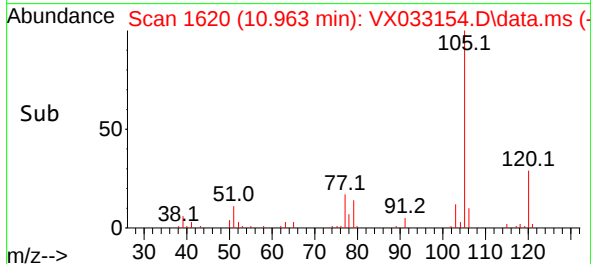
Instrument :
MSVOA_X
ClientSampleId :
MW-04



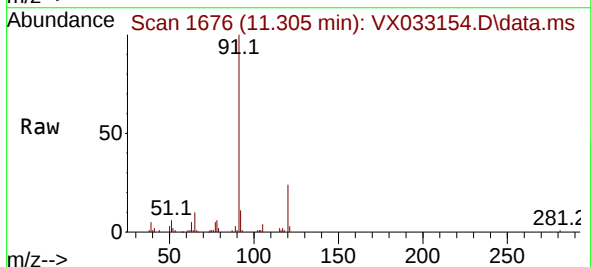
Tgt Ion:105 Resp: 1052
Ion Ratio Lower Upper
105 100
120 28.0 13.1 39.3

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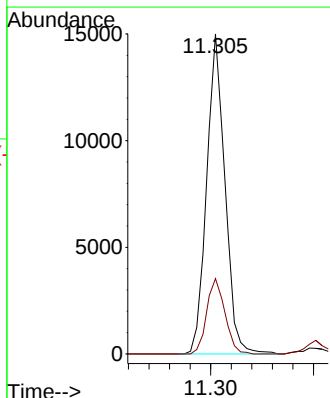
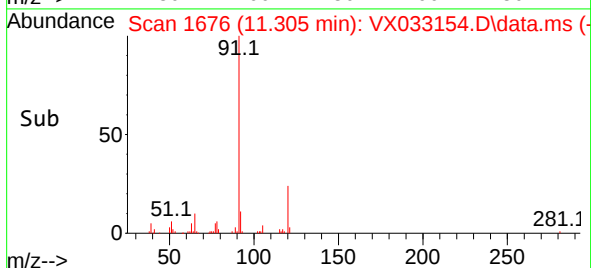
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

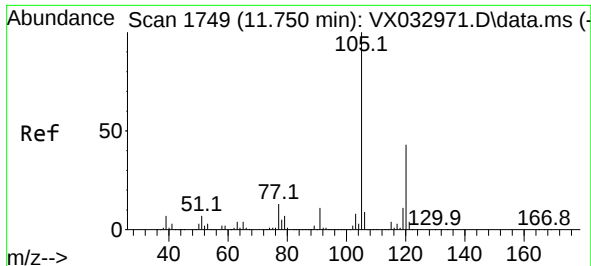


#78
n-propylbenzene
Concen: 2.608 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42



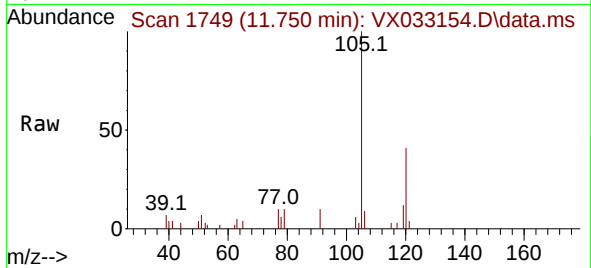
Tgt Ion: 91 Resp: 18539
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





#84
1,2,4-Trimethylbenzene
Concen: 0.751 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

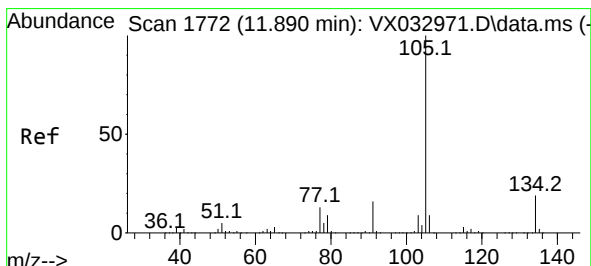
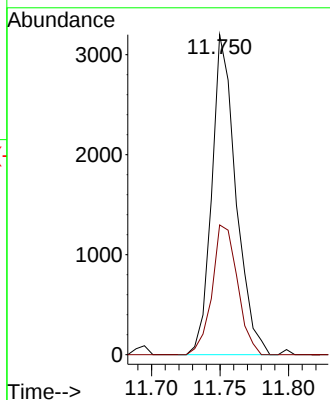
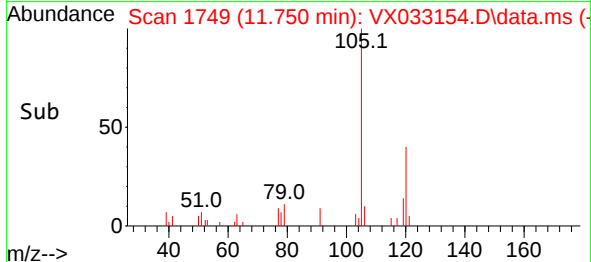
Instrument :
MSVOA_X
ClientSampleId :
MW-04



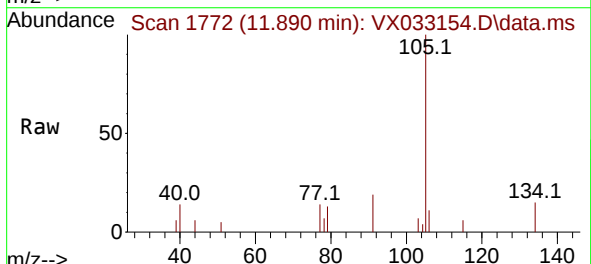
Tgt Ion:105 Resp: 391
Ion Ratio Lower Upper
105 100
120 42.7 21.9 65.5

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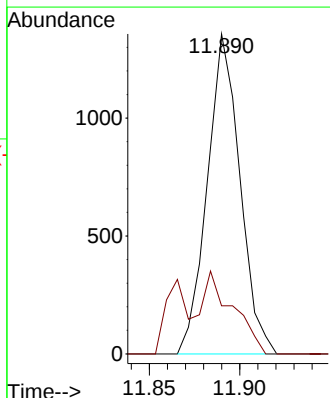
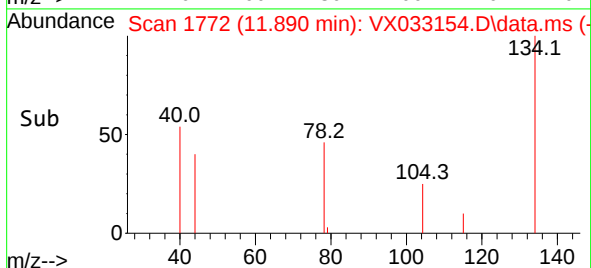
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

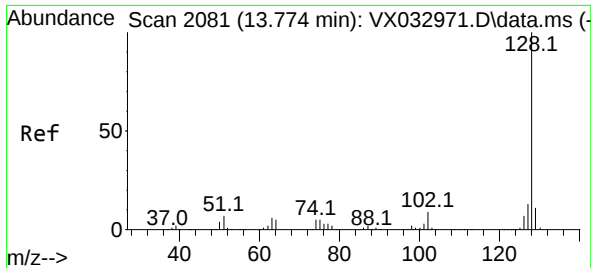


#85
sec-Butylbenzene
Concen: 0.273 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42



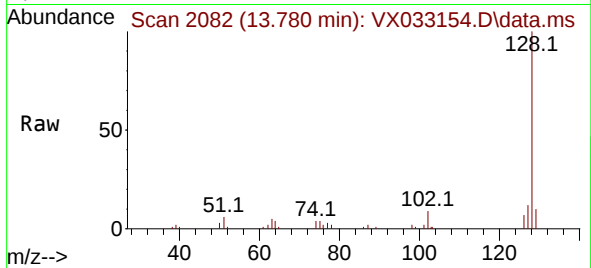
Tgt Ion:105 Resp: 1700
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#95
Naphthalene
Concen: 2.417 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX033154.D
Acq: 01 Dec 2022 11:42

Instrument :
MSVOA_X
ClientSampleId :
MW-04



Tgt Ion:128 Resp: 13450
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 11.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

