

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032864.D
 Acq On : 16 Nov 2022 13:42
 Operator : JC/MD
 Sample : N5640-13 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 05:42:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	102092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73174	51.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.160%			
35) Dibromofluoromethane	5.391	113	57266	47.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.640%			
50) Toluene-d8	8.647	98	212085	50.395	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.800%			
62) 4-Bromofluorobenzene	11.079	95	85772	52.176	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.360%			
Target Compounds					Qvalue	
20) Methylene Chloride	2.794	84	953	0.806	ug/l #	68
31) Cyclohexane	5.483	56	2848	1.656	ug/l #	81
39) Methylcyclohexane	7.379	83	6216	3.117	ug/l	92
52) Toluene	8.720	92	53130	17.075	ug/l	99
67) Ethyl Benzene	10.195	91	422722	69.354	ug/l	98
68) m/p-Xylenes	10.299	106	465382	196.630	ug/l	100
69) o-Xylene	10.640	106	85594	37.196	ug/l	100
73) Isopropylbenzene	10.963	105	67952	10.664	ug/l	99
78) n-propylbenzene	11.305	91	171126	23.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	283984	52.143	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1052448	194.292	ug/l	98
85) sec-Butylbenzene	11.890	105	7868m	1.203	ug/l	
86) p-Isopropyltoluene	12.006	119	3978	0.717	ug/l #	74
89) n-Butylbenzene	12.317	91	20048	4.151	ug/l #	13
95) Naphthalene	13.774	128	201430	31.906	ug/l	99

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

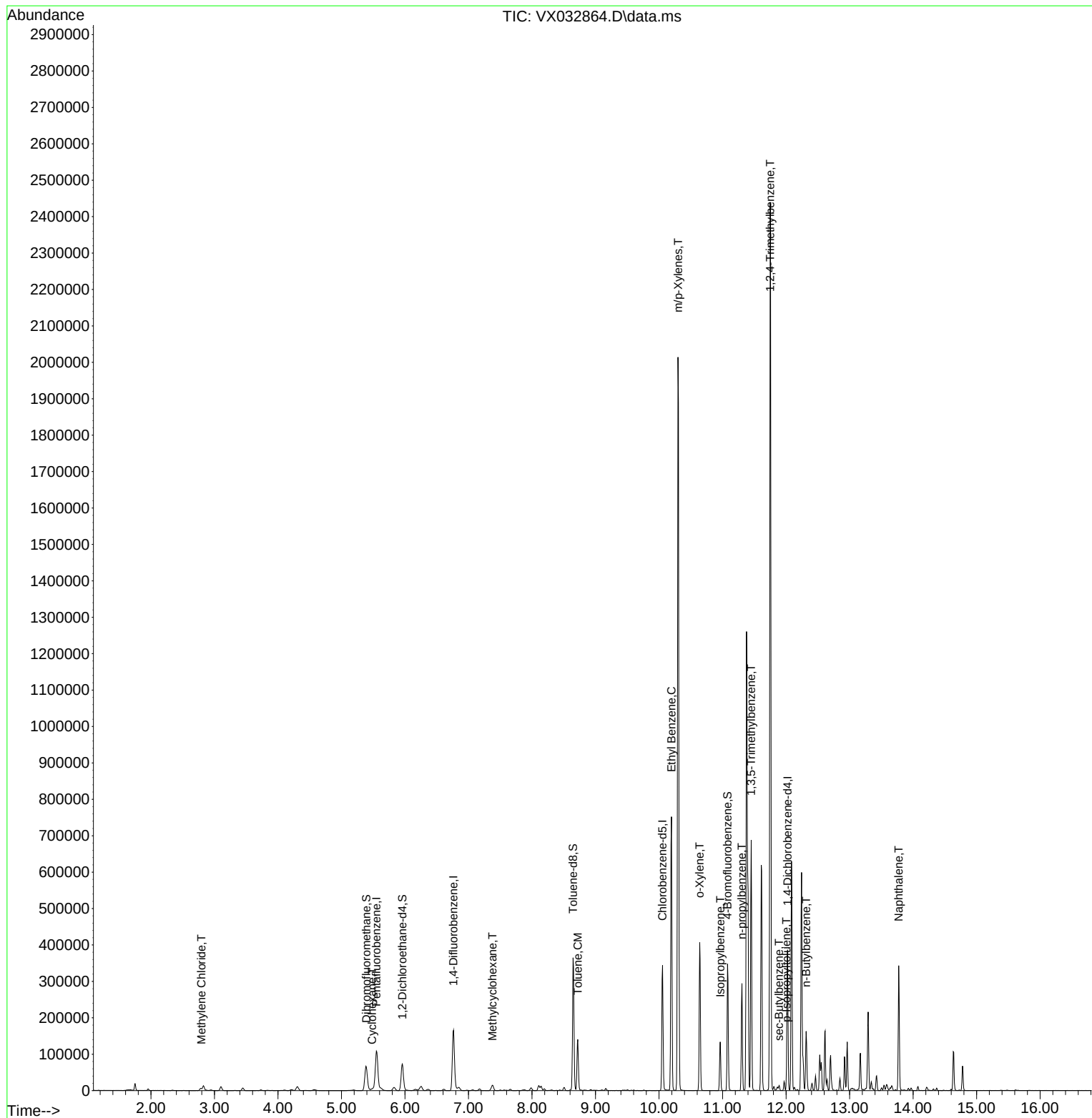
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
Data File : VX032864.D
Acq On : 16 Nov 2022 13:42
Operator : JC/MD
Sample : N5640-13 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

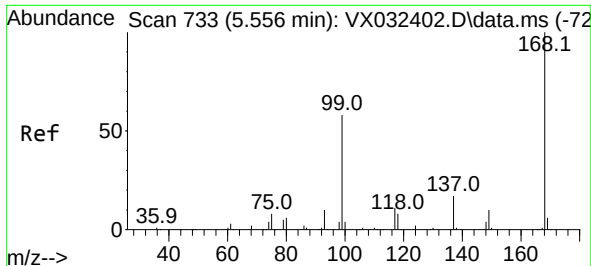
Instrument :
MSVOA_X
ClientSampleId :
MW-4

Quant Time: Nov 17 05:42:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

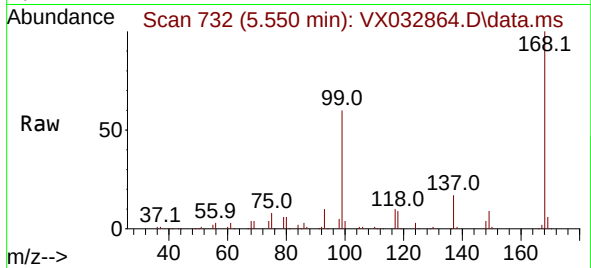
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

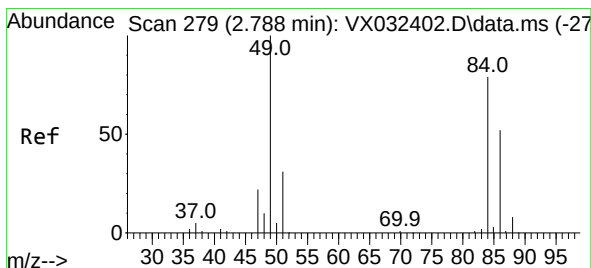
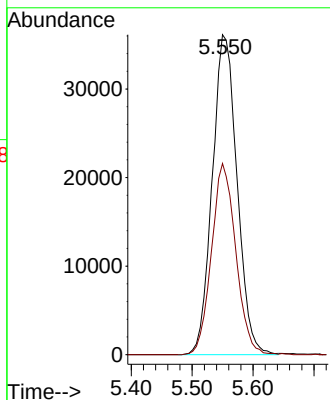
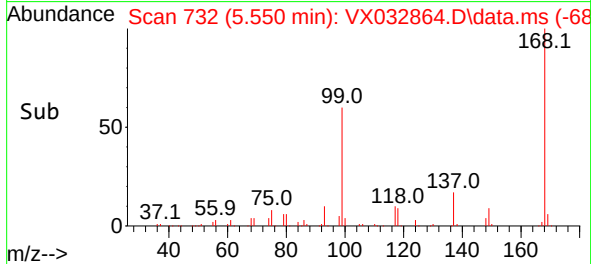
Instrument :
MSVOA_X
ClientSampleId :
MW-4



Tgt Ion:168 Resp: 102092
Ion Ratio Lower Upper
168 100
99 59.8 46.1 69.1

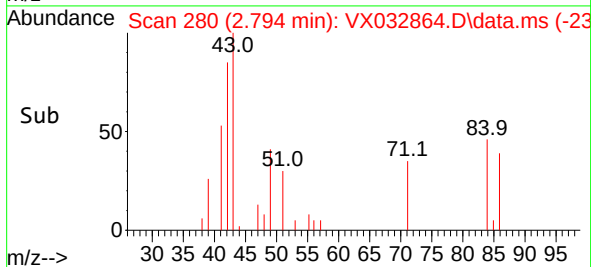
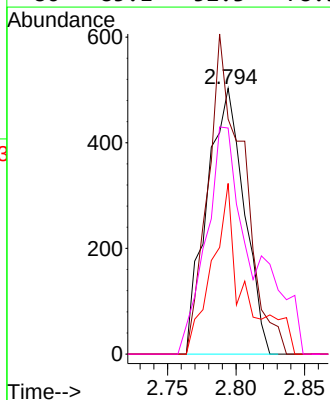
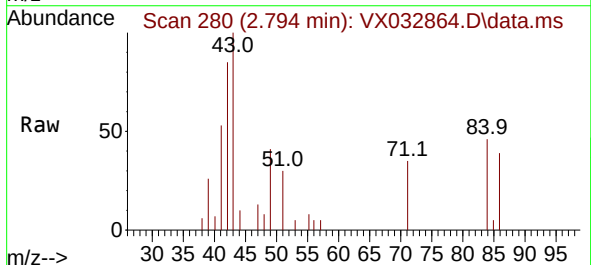
Manual Integrations
APPROVED

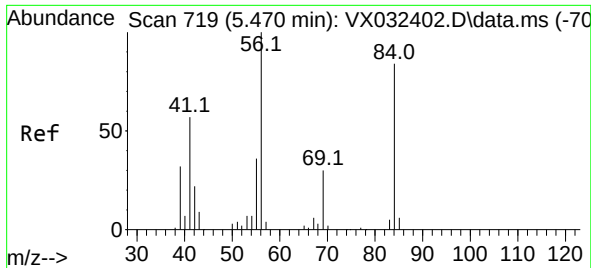
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#20
Methylene Chloride
Concen: 0.806 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

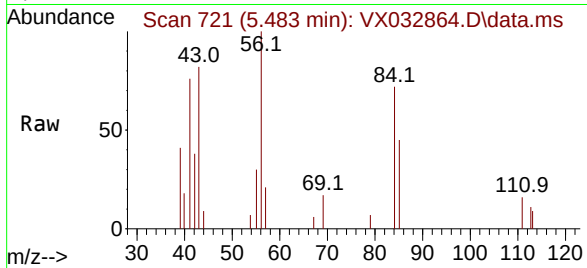
Tgt Ion: 84 Resp: 953
Ion Ratio Lower Upper
84 100
49 88.5 101.0 151.6#
51 64.2 31.1 46.7#
86 85.1 52.3 78.5#





#31
Cyclohexane
Concen: 1.656 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.012 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

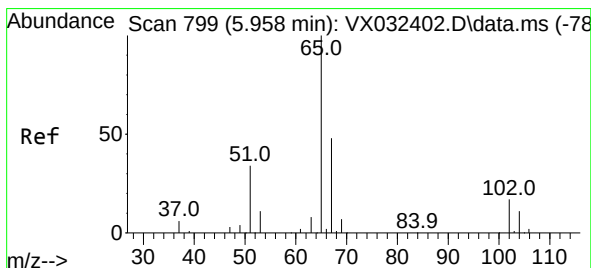
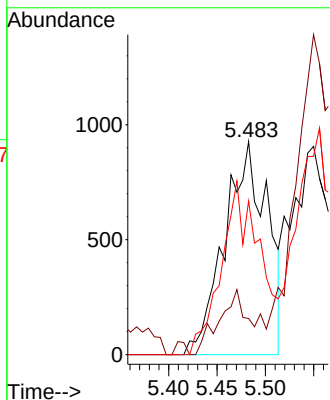
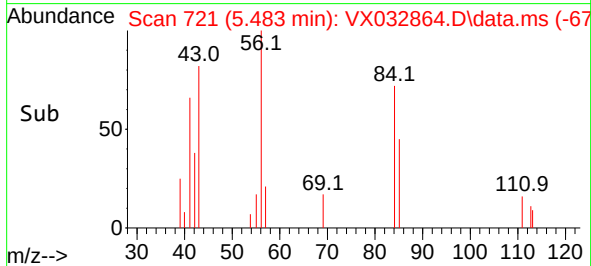
Instrument :
MSVOA_X
ClientSampleId :
MW-4



Tgt Ion: 56 Resp: 2848
Ion Ratio Lower Upper
56 100
69 10.8 24.1 36.1
84 72.2 66.9 100.3

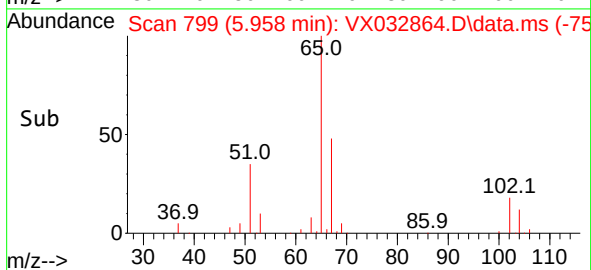
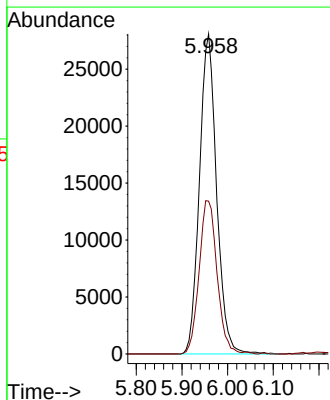
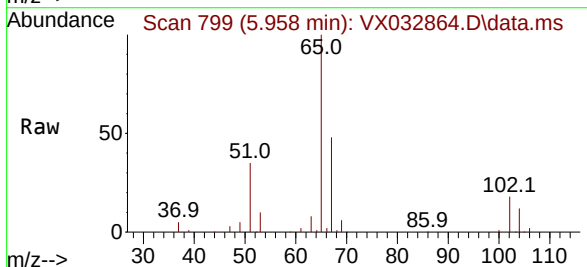
Manual Integrations
APPROVED

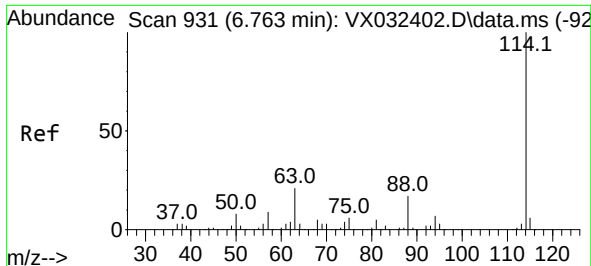
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#33
1,2-Dichloroethane-d4
Concen: 51.584 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

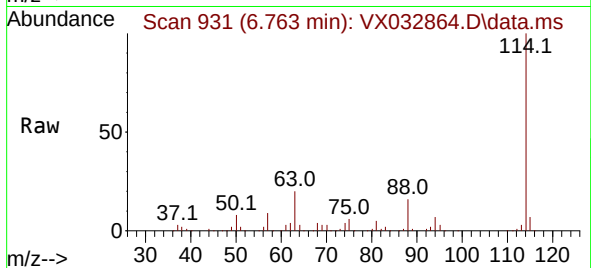
Tgt Ion: 65 Resp: 73174
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

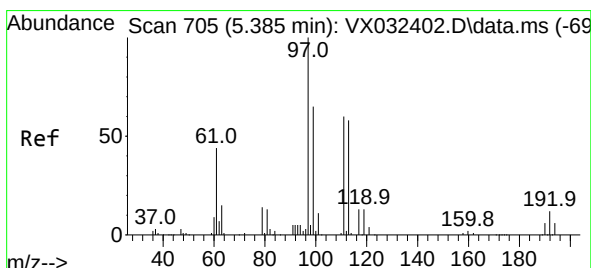
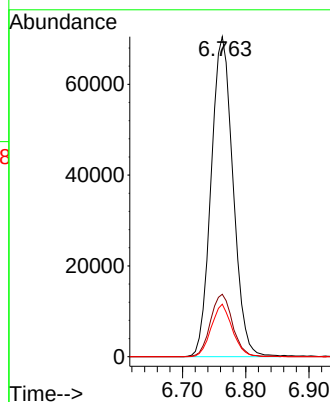
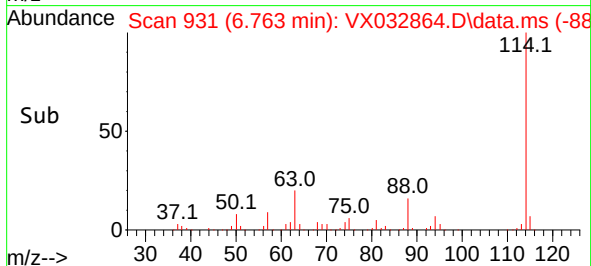
Instrument :
MSVOA_X
ClientSampleId :
MW-4



Tgt Ion:114 Resp: 16967
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 16.4 0.0 33.4

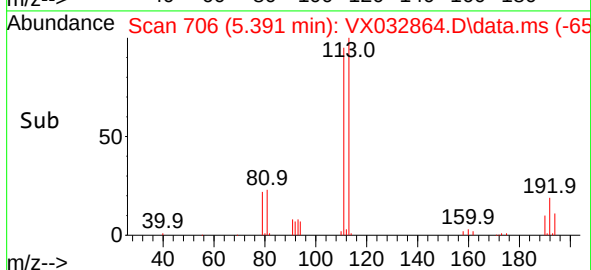
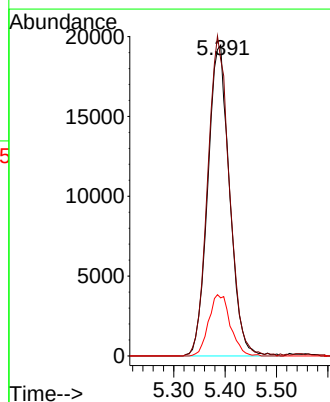
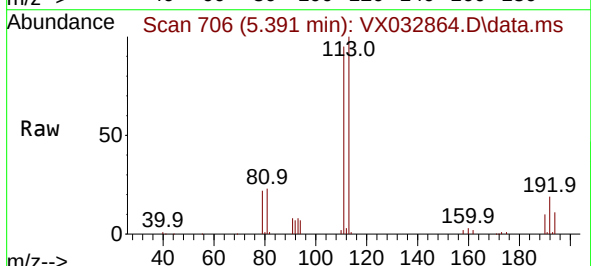
Manual Integrations
APPROVED

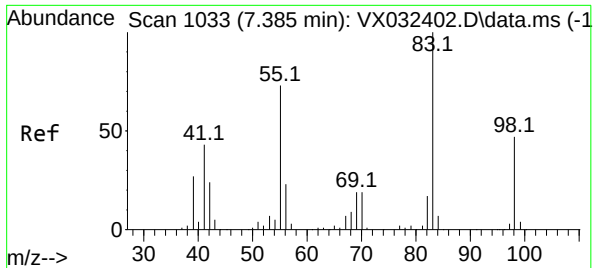
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#35
Dibromofluoromethane
Concen: 47.316 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

Tgt Ion:113 Resp: 57266
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.7 15.4 23.2





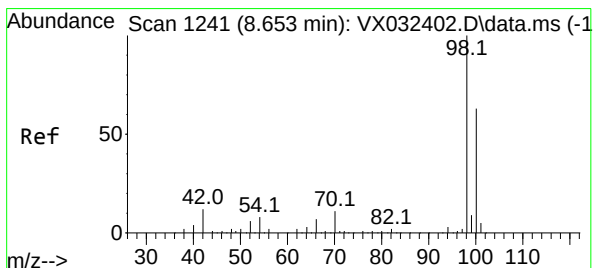
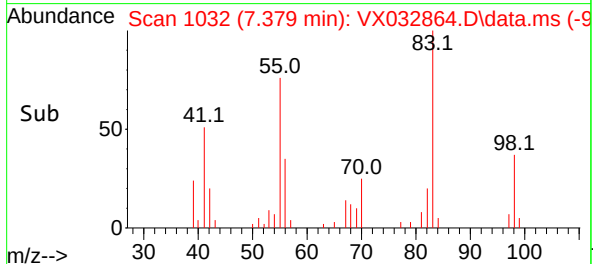
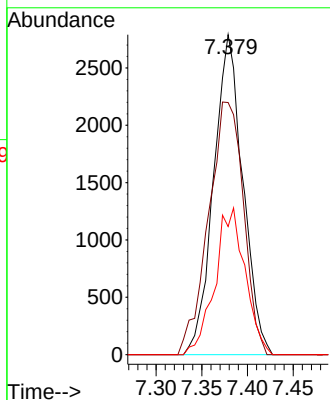
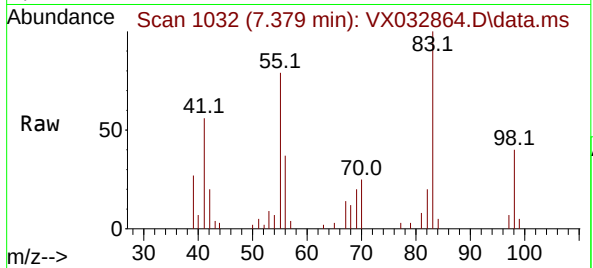
#39
Methylcyclohexane
Concen: 3.117 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 83 Resp: 6210
Ion Ratio Lower Upper
83 100
55 78.8 58.4 87.6
98 40.0 37.2 55.8

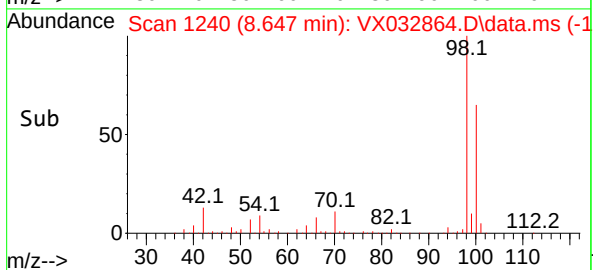
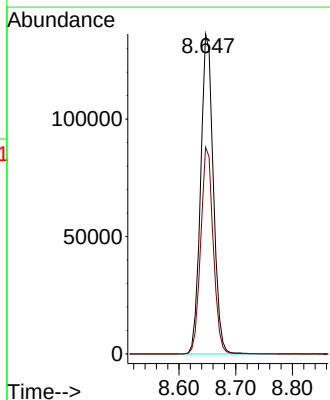
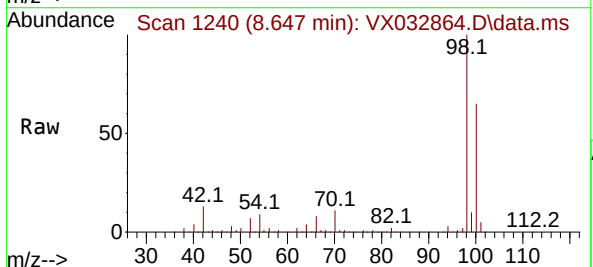
Manual Integrations
APPROVED

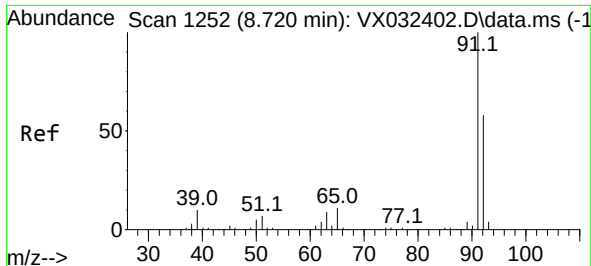
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#50
Toluene-d8
Concen: 50.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

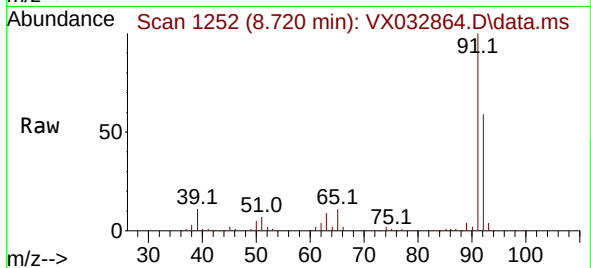
Tgt Ion: 98 Resp: 212085
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#52
Toluene
Concen: 17.075 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

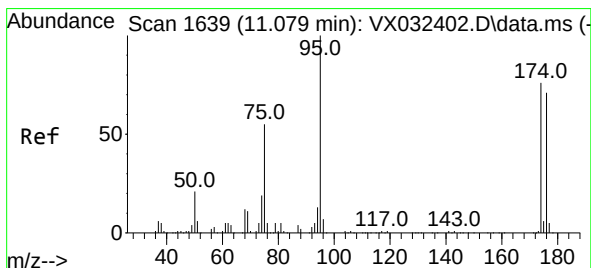
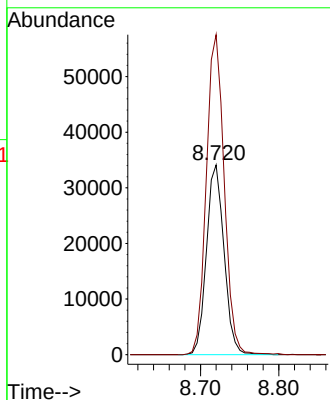
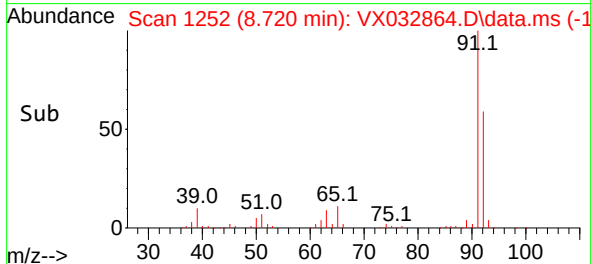
Instrument :
MSVOA_X
ClientSampleId :
MW-4



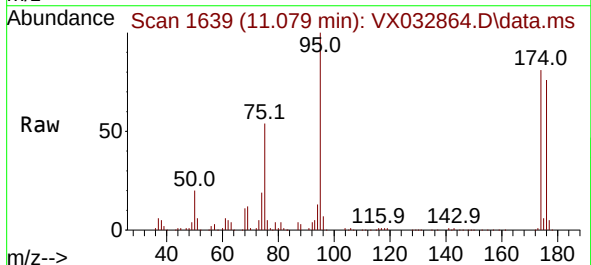
Tgt Ion: 92 Resp: 53130
Ion Ratio Lower Upper
92 100
91 171.6 138.3 207.5

Manual Integrations
APPROVED

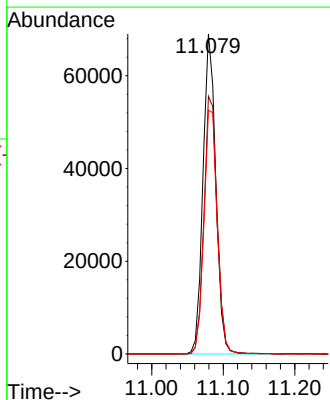
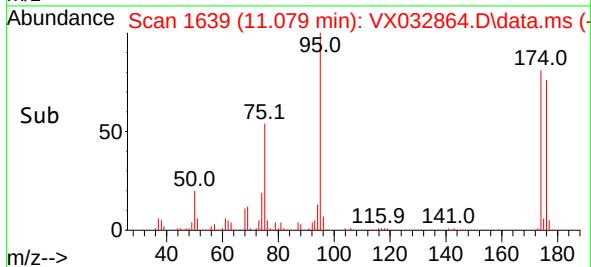
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

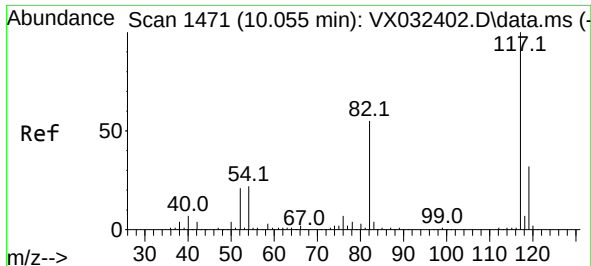


#62
4-Bromofluorobenzene
Concen: 52.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42



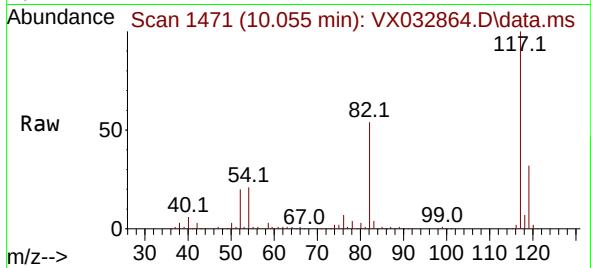
Tgt Ion: 95 Resp: 85772
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.0
176 79.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

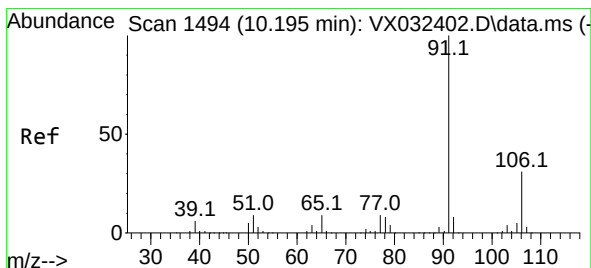
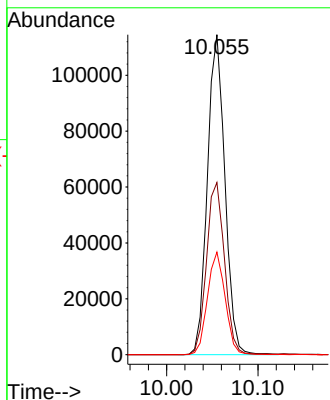
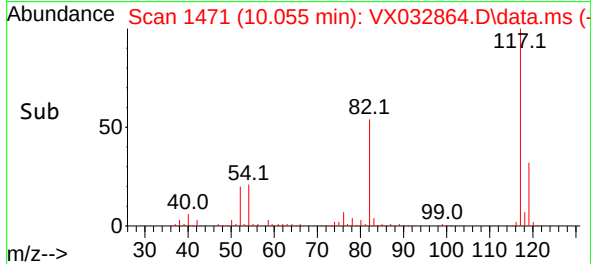
Instrument :
MSVOA_X
ClientSampleId :
MW-4



Tgt Ion:117 Resp: 15216
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.1 25.7 38.5

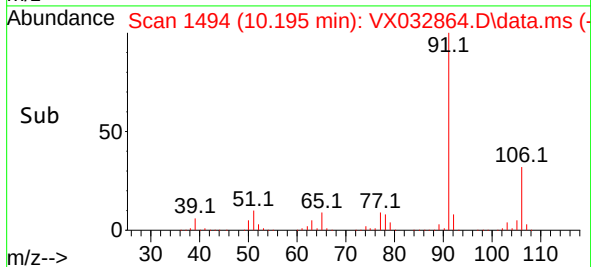
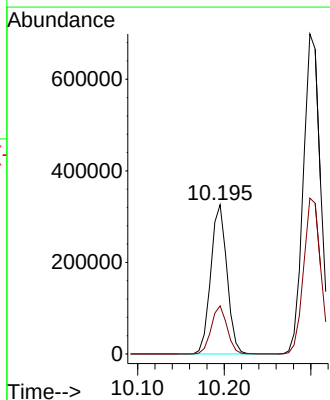
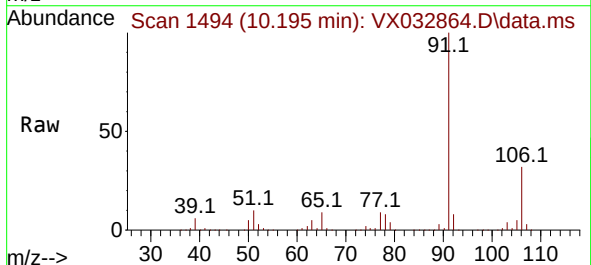
Manual Integrations
APPROVED

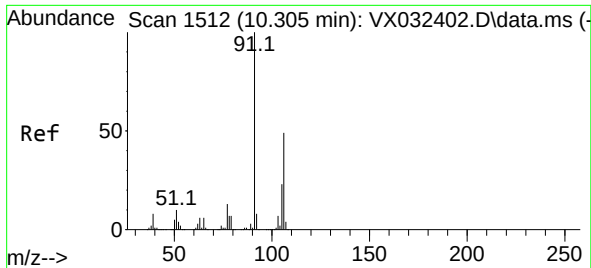
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#67
Ethyl Benzene
Concen: 69.354 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

Tgt Ion: 91 Resp: 422722
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6





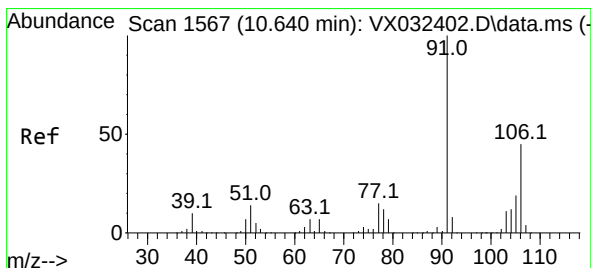
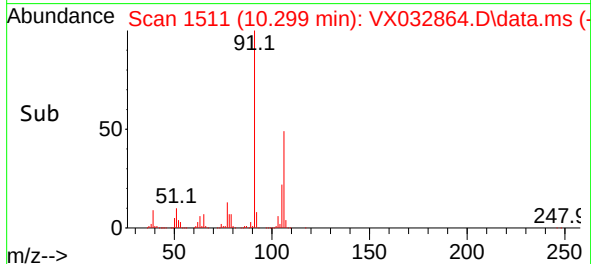
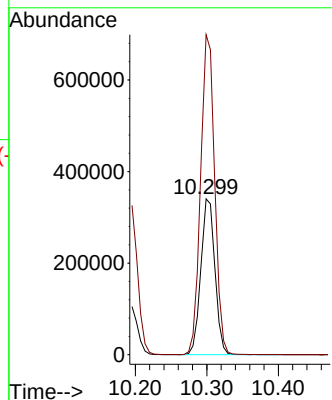
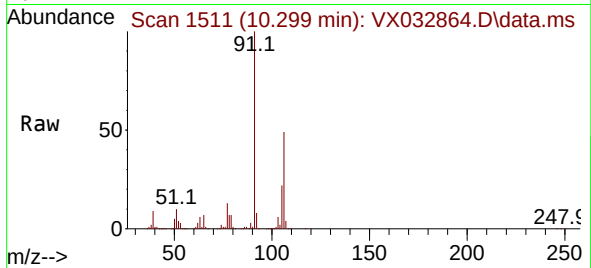
#68
m/p-Xylenes
Concen: 196.630 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:106 Resp: 46538
Ion Ratio Lower Upper
106 100
91 205.1 164.5 246.7

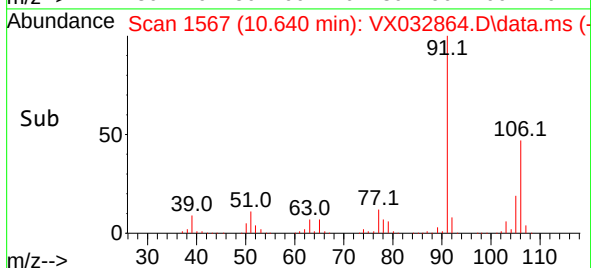
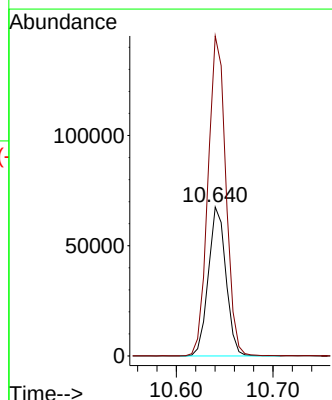
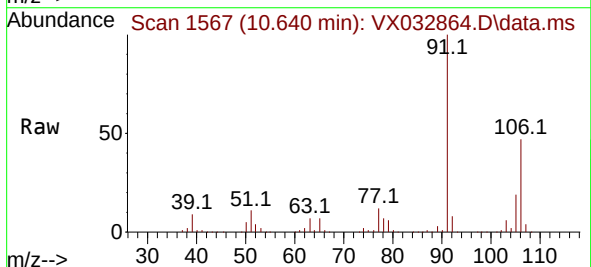
Manual Integrations
APPROVED

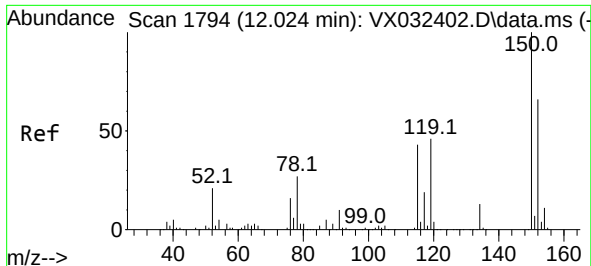
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#69
o-Xylene
Concen: 37.196 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

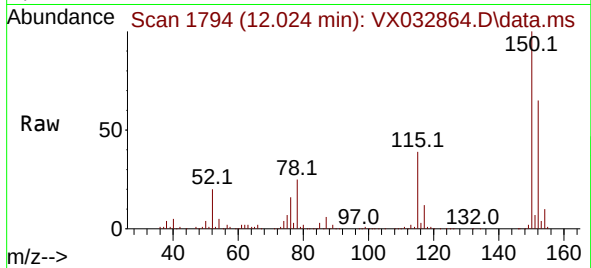
Tgt Ion:106 Resp: 85594
Ion Ratio Lower Upper
106 100
91 218.4 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

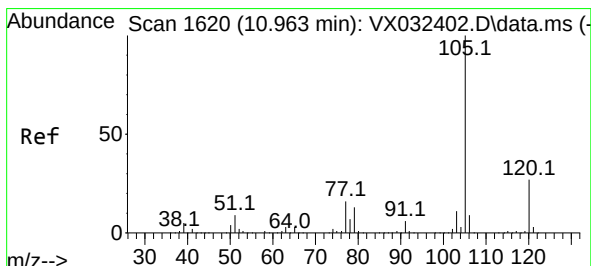
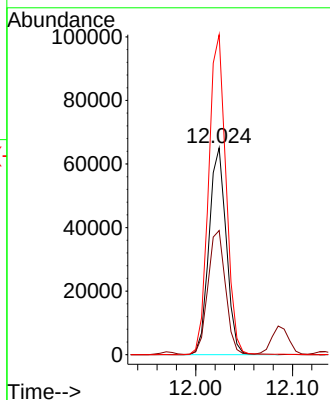
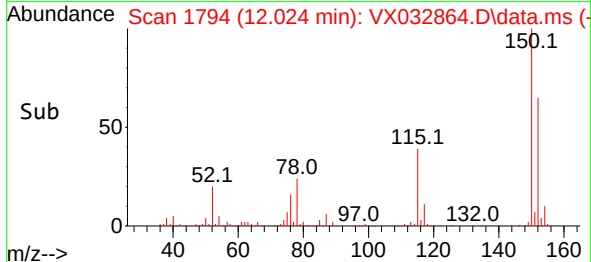
Instrument :
MSVOA_X
ClientSampleId :
MW-4



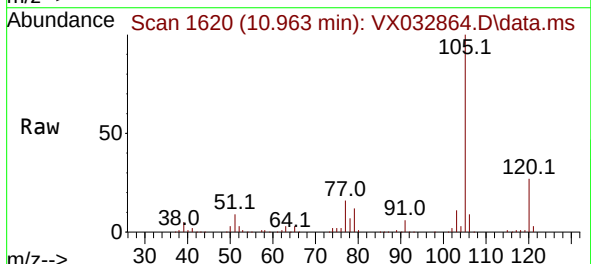
Tgt Ion:152 Resp: 8041
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 156.0 0.0 351.8

Manual Integrations
APPROVED

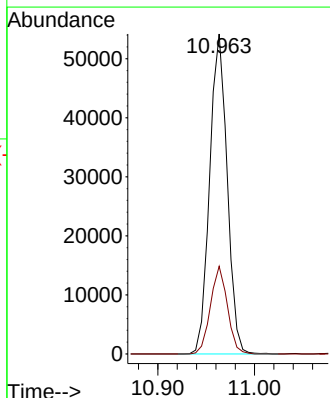
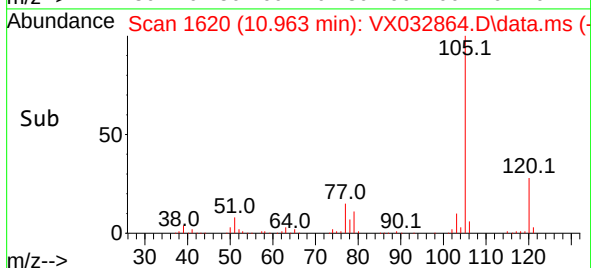
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

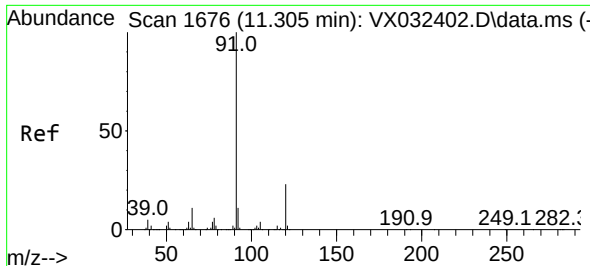


#73
Isopropylbenzene
Concen: 10.664 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42



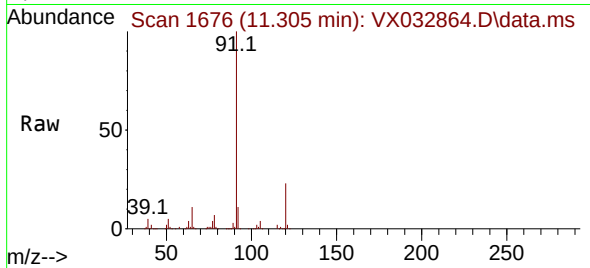
Tgt Ion:105 Resp: 67952
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3





#78
n-propylbenzene
Concen: 23.308 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

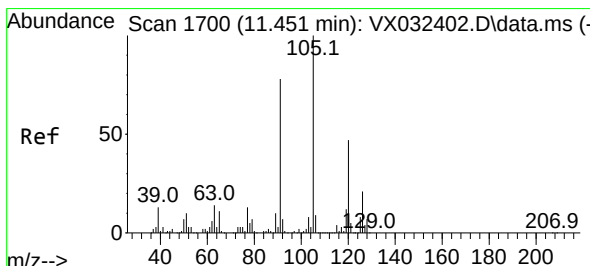
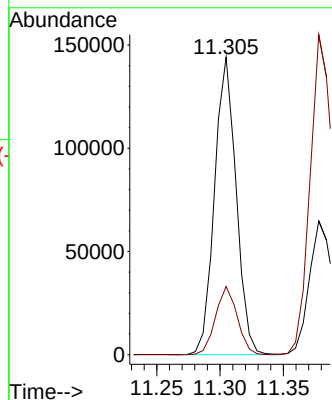
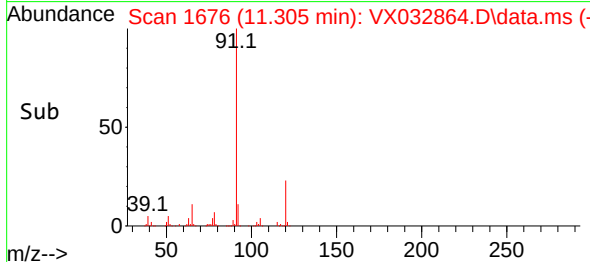
Instrument :
MSVOA_X
ClientSampleId :
MW-4



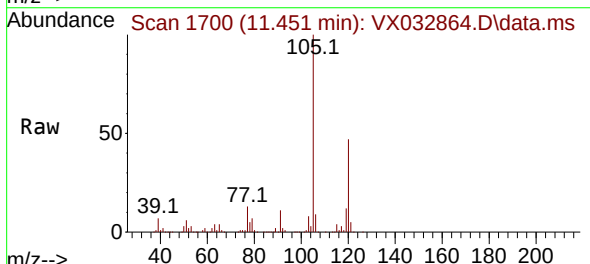
Tgt Ion: 91 Resp: 171120
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8

Manual Integrations
APPROVED

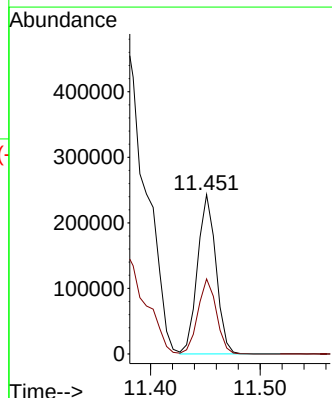
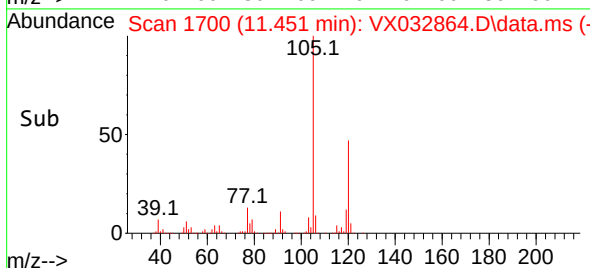
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

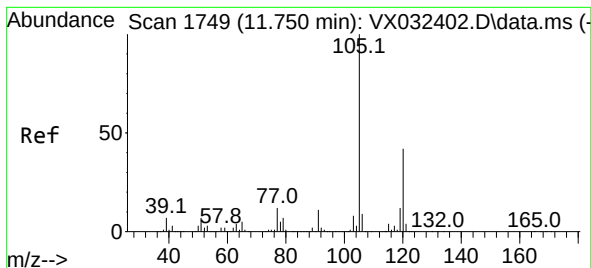


#80
1,3,5-Trimethylbenzene
Concen: 52.143 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42



Tgt Ion:105 Resp: 283984
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 194.292 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX032864.D

Acq: 16 Nov 2022 13:42

Instrument :

MSVOA_X

ClientSampleId :

MW-4

Tgt Ion:105 Resp: 105244

Ion Ratio Lower Upper

105 100

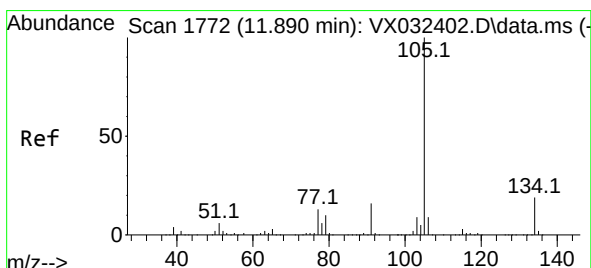
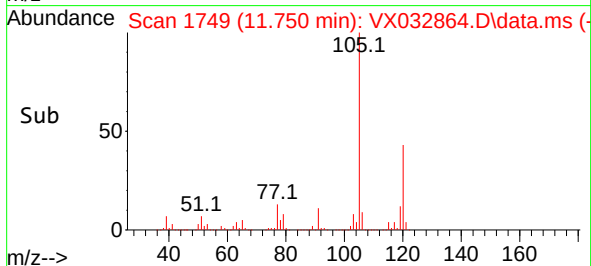
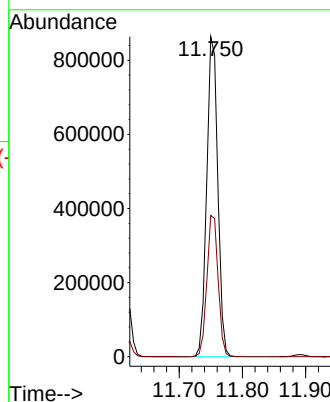
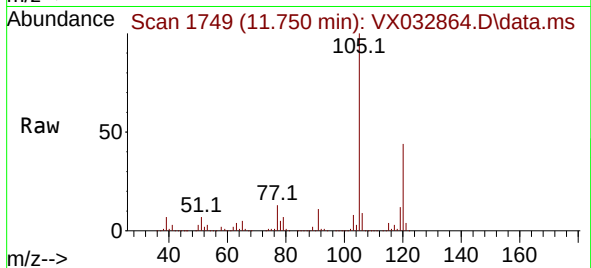
120 44.8 21.9 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#85

sec-Butylbenzene

Concen: 1.203 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032864.D

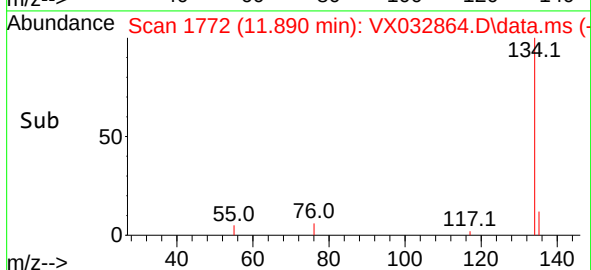
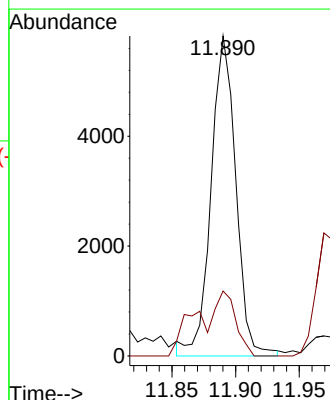
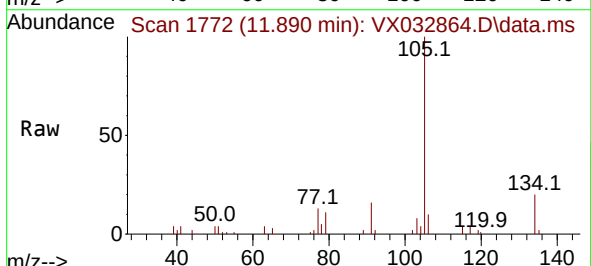
Acq: 16 Nov 2022 13:42

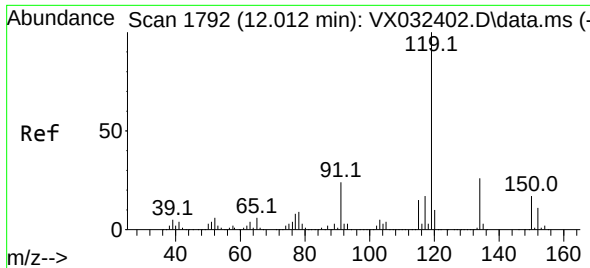
Tgt Ion:105 Resp: 7868

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#





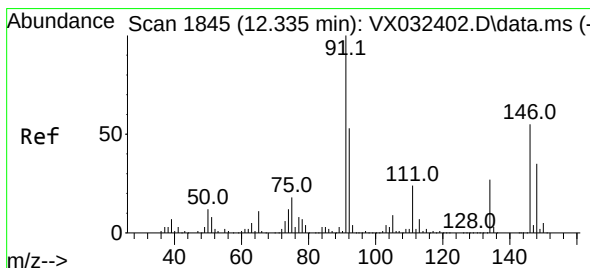
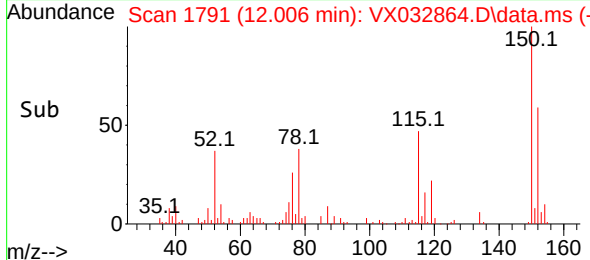
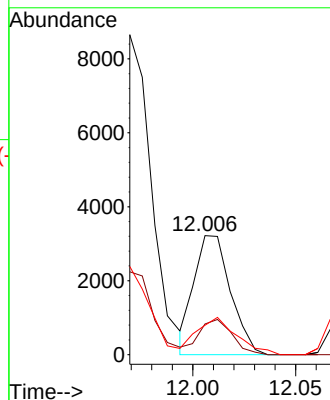
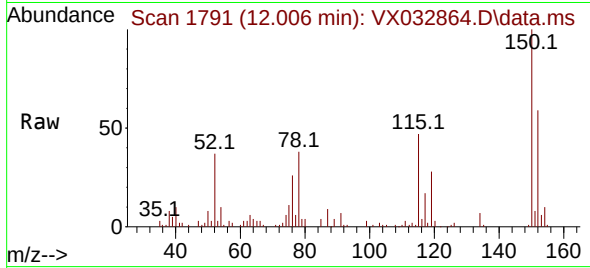
#86
p-Isopropyltoluene
Concen: 0.717 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 119 Resp: 3978
Ion Ratio Lower Upper
119 100
134 27.1 12.9 38.7
91 0.0 12.5 37.5

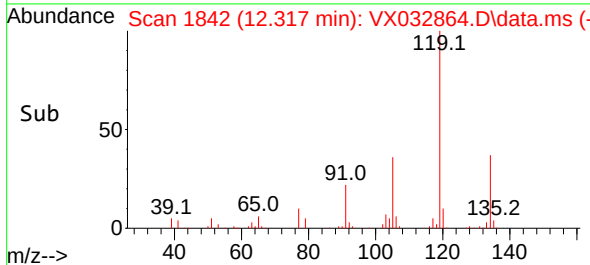
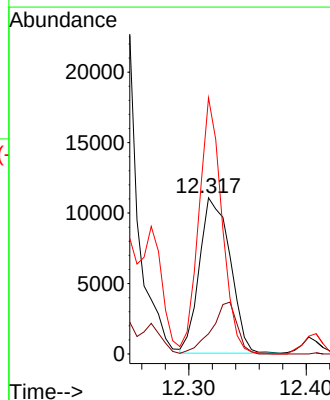
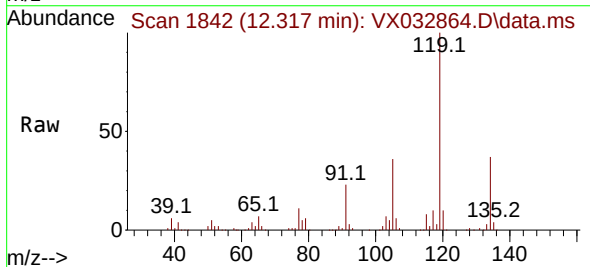
Manual Integrations
APPROVED

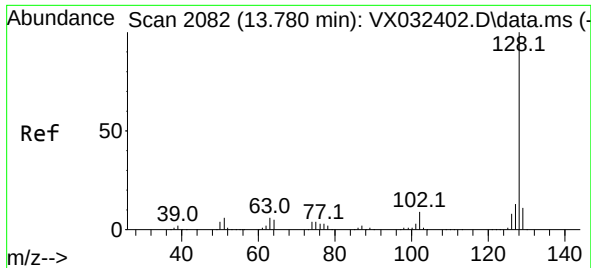
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#89
n-Butylbenzene
Concen: 4.151 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

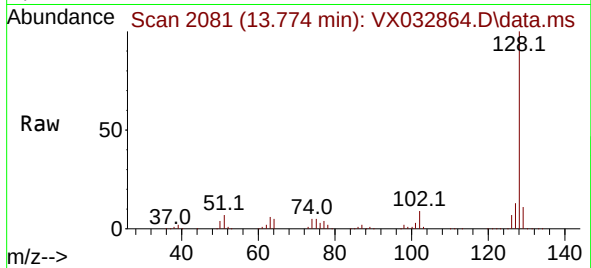
Tgt Ion: 91 Resp: 20048
Ion Ratio Lower Upper
91 100
92 27.8 26.2 78.6
134 123.7 12.9 38.6#





#95
Naphthalene
Concen: 31.906 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032864.D
Acq: 16 Nov 2022 13:42

Instrument :
MSVOA_X
ClientSampleId :
MW-4



Tgt Ion:128 Resp: 201430
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

