

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028648.D
 Acq On : 12 May 2022 19:12
 Operator : JC/MD
 Sample : N2799-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 02:48:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	240513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168221	51.024	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.040%			
35) Dibromofluoromethane	5.391	113	143932	49.849	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.700%			
50) Toluene-d8	8.653	98	548859	50.419	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.086	95	233689	57.474	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.940%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	26501m	18.729	ug/l	
17) Carbon Disulfide	2.520	76	11847	1.836	ug/l	99
25) 2-Butanone	4.562	43	19950	8.982	ug/l	95
31) Cyclohexane	5.477	56	441233	96.418	ug/l	96
39) Methylcyclohexane	7.385	83	335562	67.471	ug/l	94
40) Benzene	6.044	78	356640	28.614	ug/l	99
52) Toluene	8.726	92	5892197	734.899	ug/l	87
59) 2-Hexanone	9.439	43	8473	2.336	ug/l	62
67) Ethyl Benzene	10.202	91	11544547	690.878	ug/l #	67
68) m/p-Xylenes	10.323	106	15959399	2453.166	ug/l #	53
69) o-Xylene	10.653	106	7111264	1110.242	ug/l	72
73) Isopropylbenzene	10.964	105	1040577	59.389	ug/l	100
78) n-propylbenzene	11.305	91	3064031	151.181	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	4747492	325.180	ug/l	96
84) 1,2,4-Trimethylbenzene	11.762	105	12439963	849.706	ug/l	77
85) sec-Butylbenzene	11.890	105	139660m	8.010	ug/l	
86) p-Isopropyltoluene	12.012	119	81787	5.590	ug/l #	78
95) Naphthalene	13.780	128	4640763	282.662	ug/l	97

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

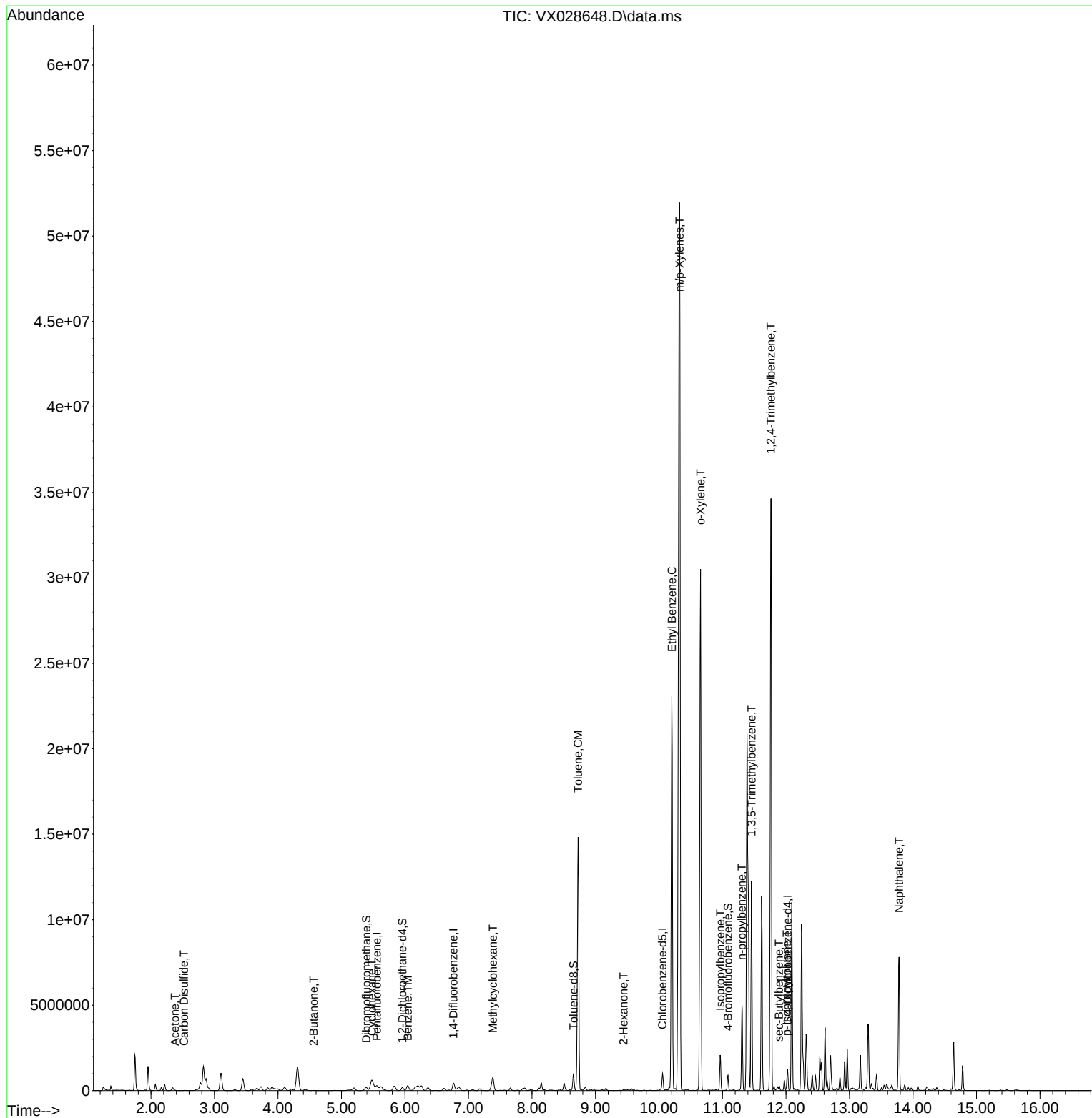
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
Data File : VX028648.D
Acq On : 12 May 2022 19:12
Operator : JC/MD
Sample : N2799-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

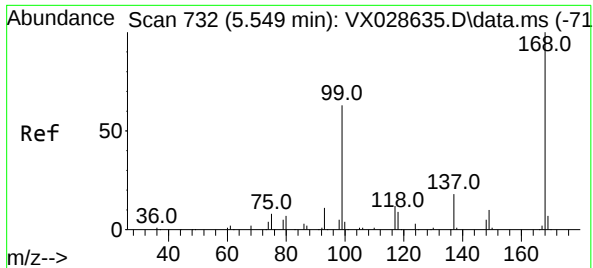
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Quant Time: May 13 02:48:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

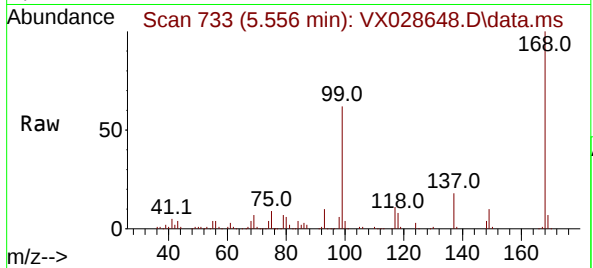
Reviewed By : John Carlone 05/13/2022
Supervised By : Mahesh Dadoda 05/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

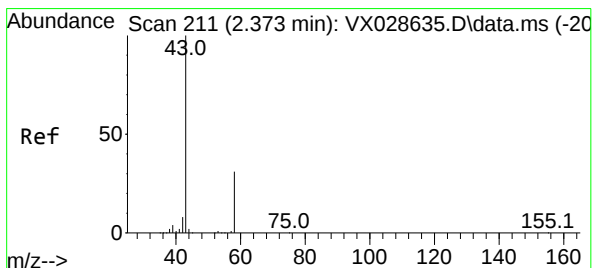
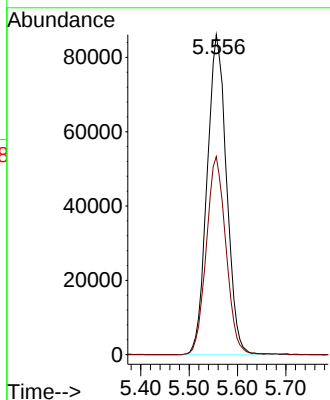
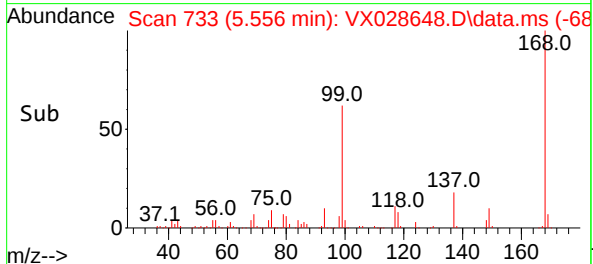
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



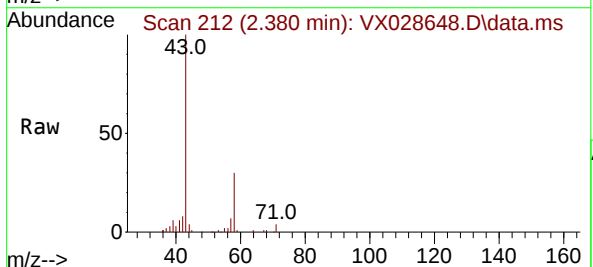
Tgt Ion:168 Resp: 24051
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5

Manual Integrations
APPROVED

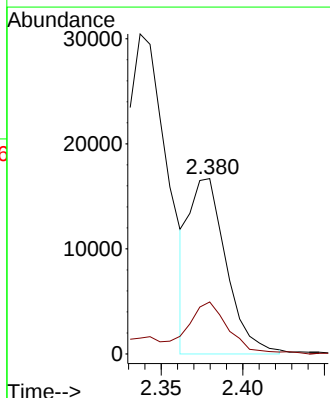
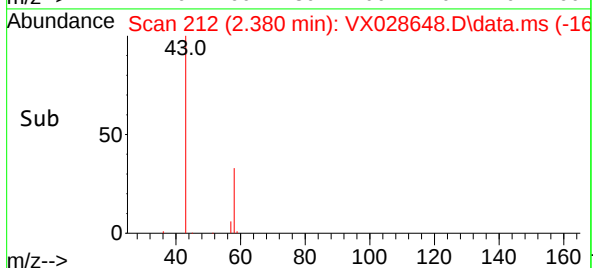
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

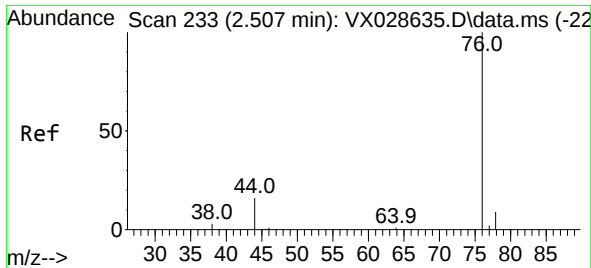


#16
Acetone
Concen: 18.729 ug/l m
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12



Tgt Ion: 43 Resp: 26501
Ion Ratio Lower Upper
43 100
58 29.6 28.8 43.2





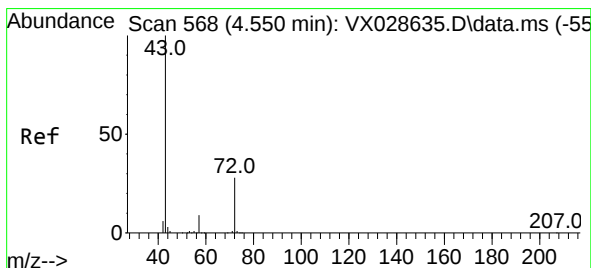
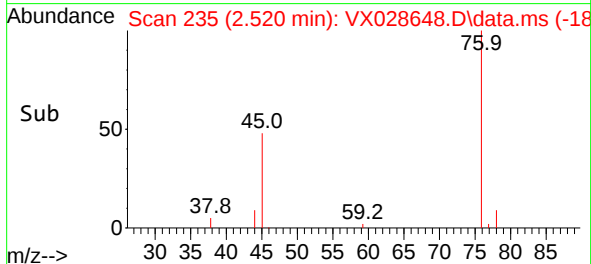
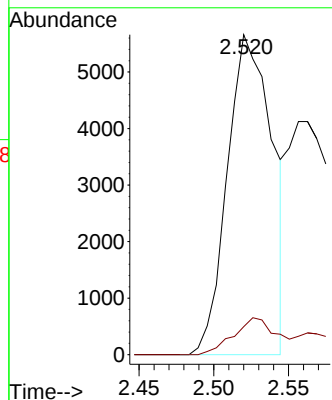
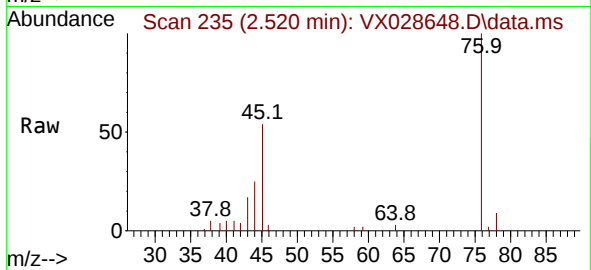
#17
Carbon Disulfide
Concen: 1.836 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion: 76 Resp: 1184
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

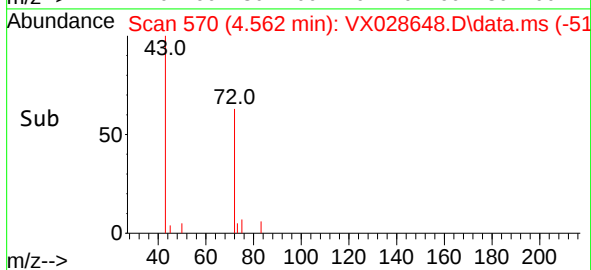
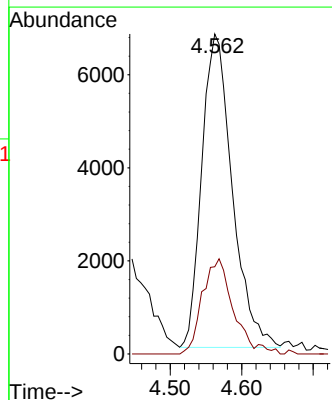
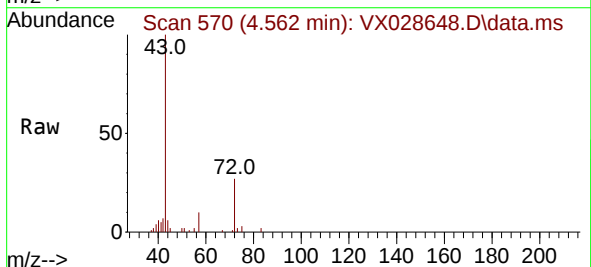
Manual Integrations
APPROVED

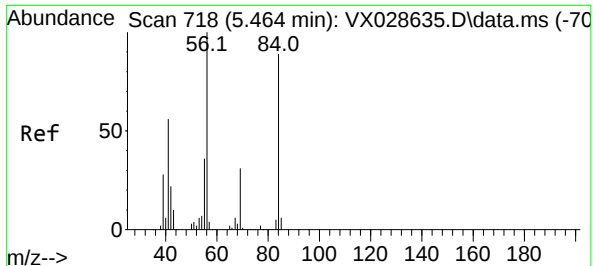
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#25
2-Butanone
Concen: 8.982 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

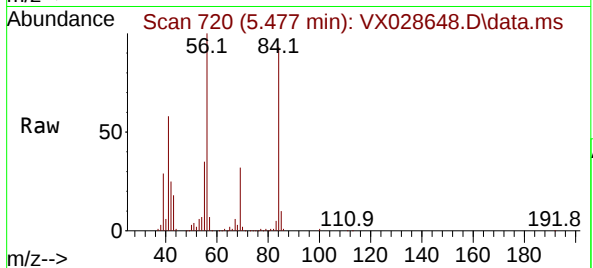
Tgt Ion: 43 Resp: 19950
Ion Ratio Lower Upper
43 100
72 27.9 24.4 36.6





#31
Cyclohexane
Concen: 96.418 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

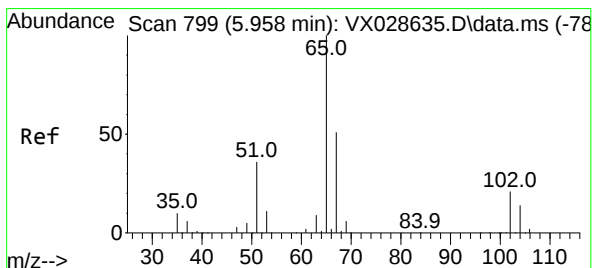
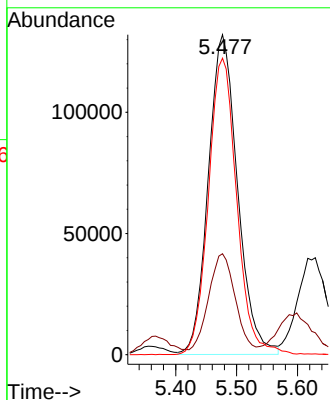
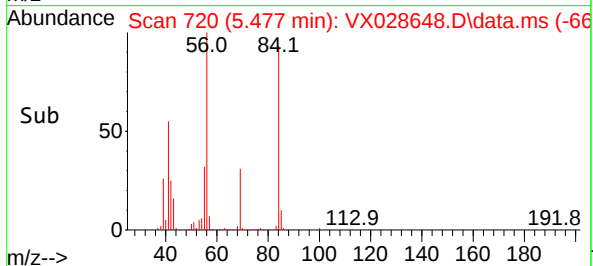
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion: 56 Resp: 441233
Ion Ratio Lower Upper
56 100
69 29.4 26.7 40.1
84 93.2 77.2 115.8

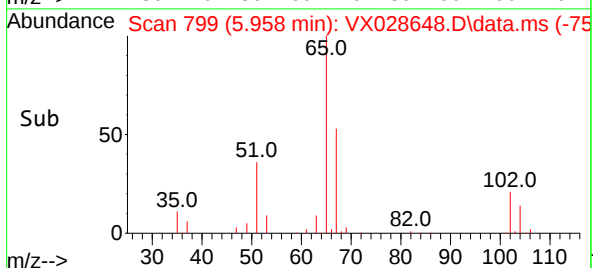
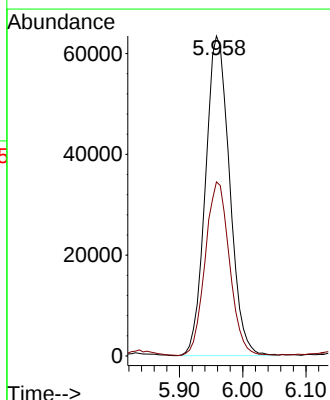
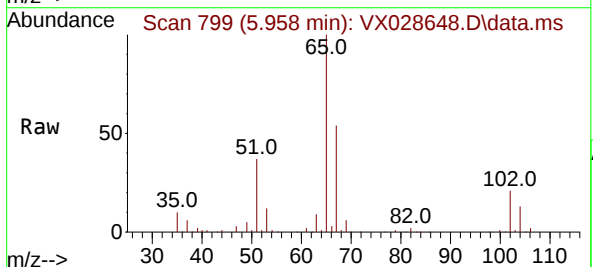
Manual Integrations
APPROVED

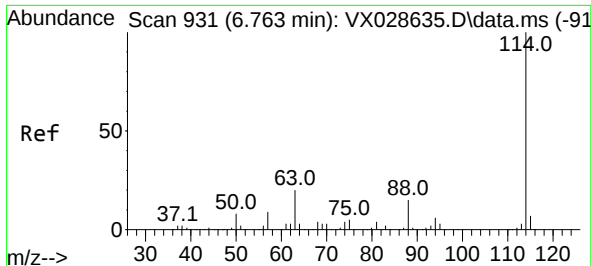
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#33
1,2-Dichloroethane-d4
Concen: 51.024 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 65 Resp: 168221
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.4





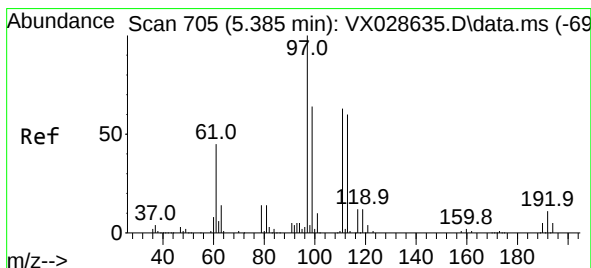
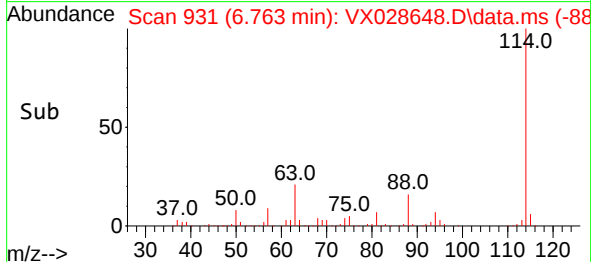
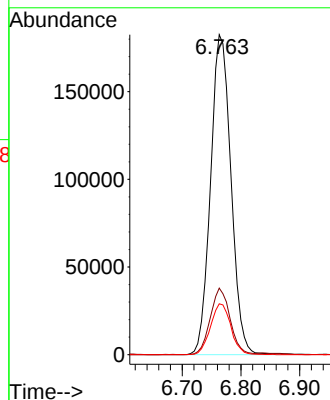
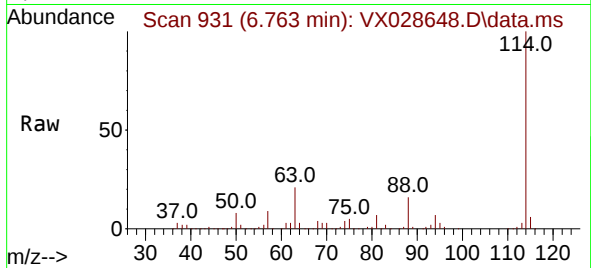
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion:114 Resp: 44069
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.8
88 15.9 0.0 32.4

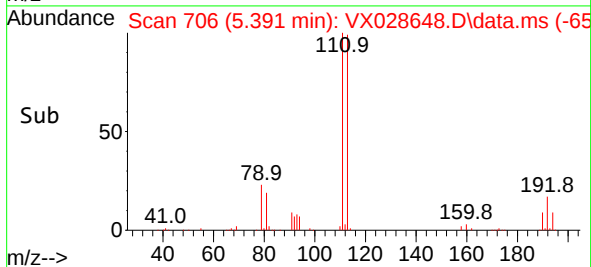
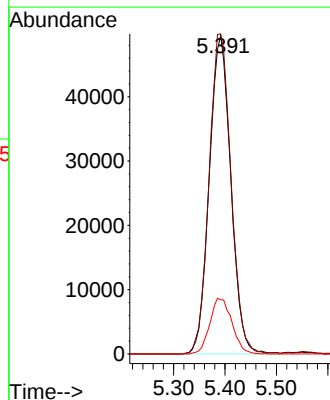
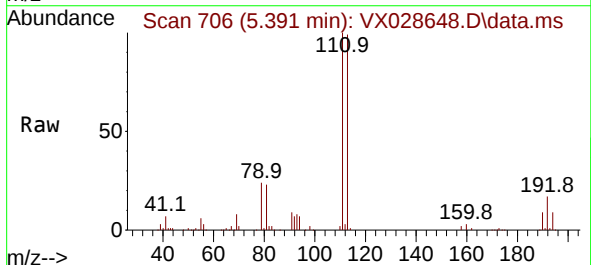
Manual Integrations
APPROVED

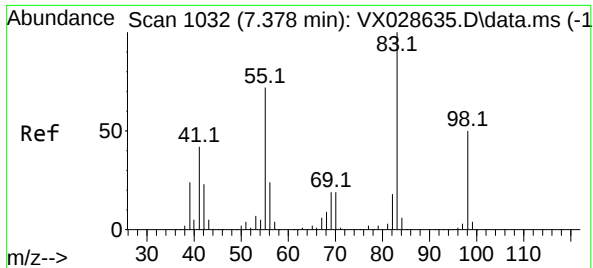
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#35
Dibromofluoromethane
Concen: 49.849 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

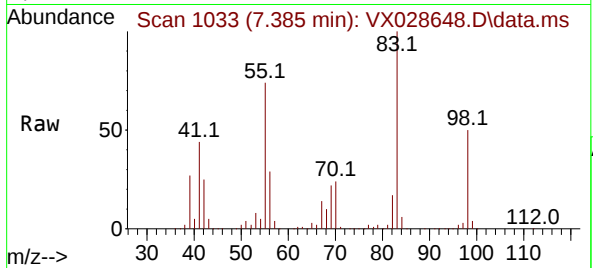
Tgt Ion:113 Resp: 143932
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 17.9 16.9 25.3





#39
Methylcyclohexane
Concen: 67.471 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

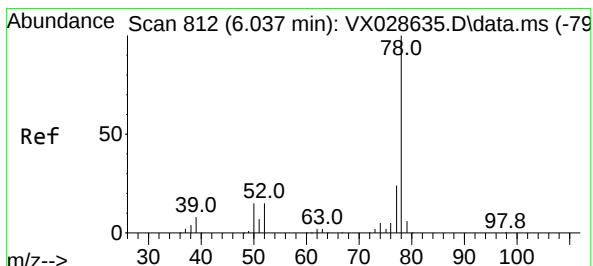
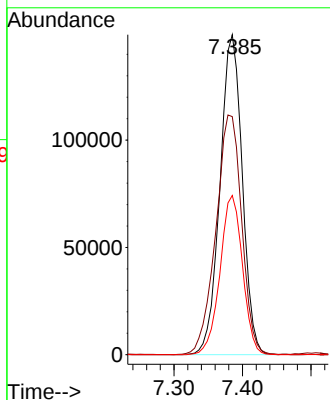
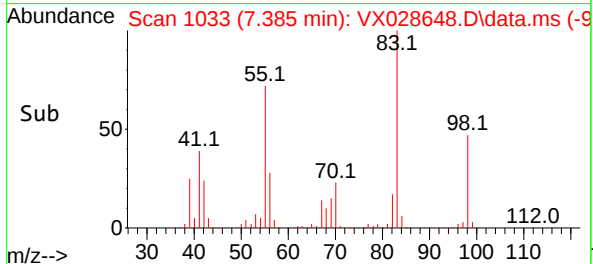
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion: 83 Resp: 335562
Ion Ratio Lower Upper
83 100
55 74.3 54.6 81.8
98 49.7 37.4 56.2

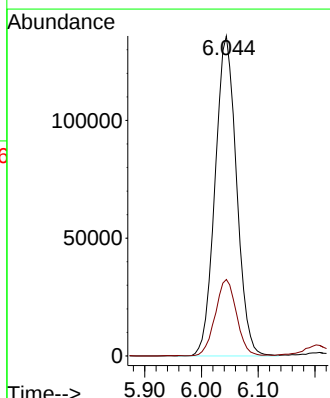
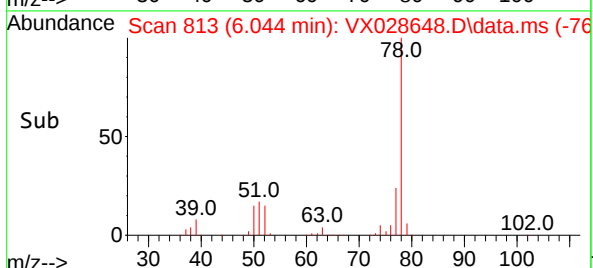
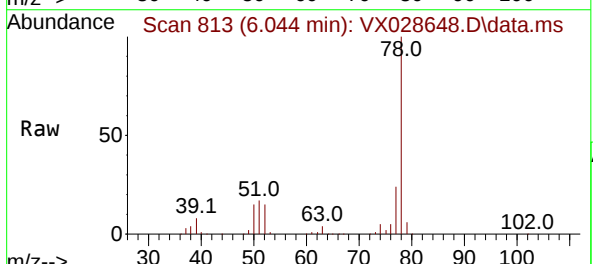
Manual Integrations
APPROVED

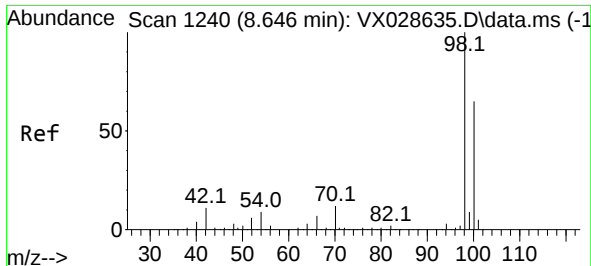
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 28.614 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

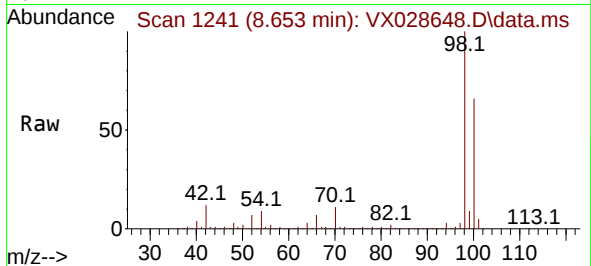
Tgt Ion: 78 Resp: 356640
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#50
Toluene-d8
Concen: 50.419 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

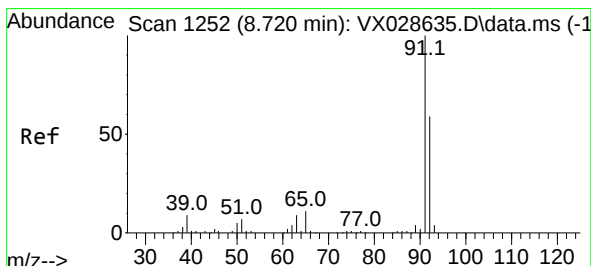
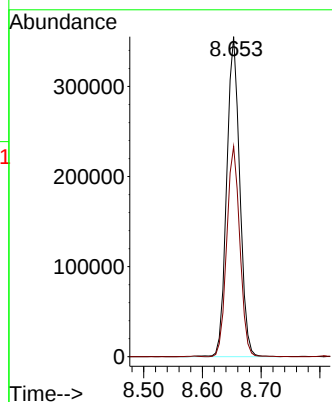
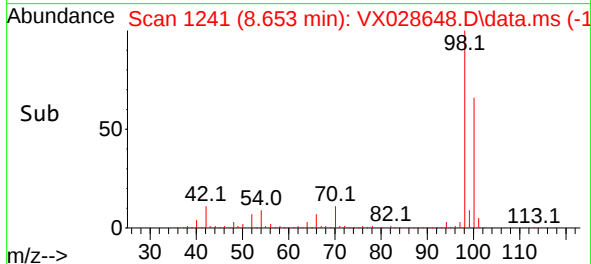
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



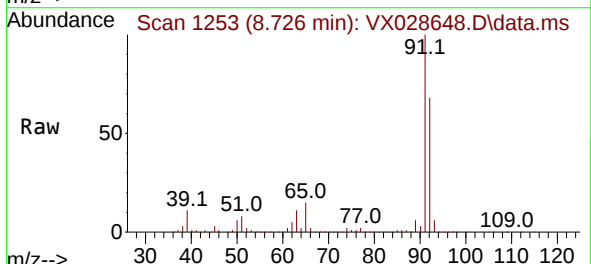
Tgt Ion: 98 Resp: 54885
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

Manual Integrations
APPROVED

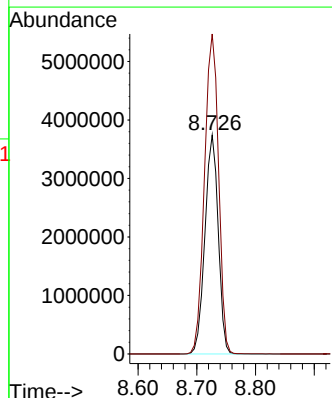
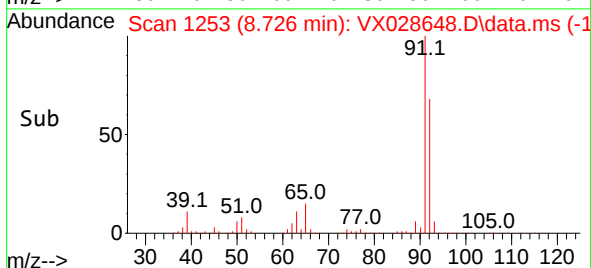
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

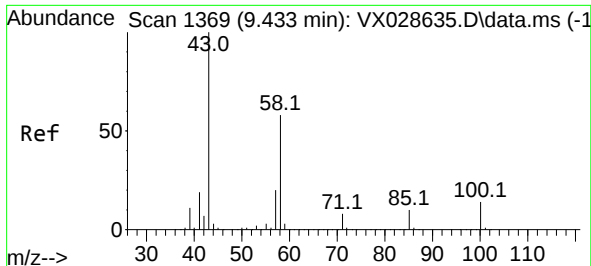


#52
Toluene
Concen: 734.899 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12



Tgt Ion: 92 Resp: 5892197
Ion Ratio Lower Upper
92 100
91 154.6 137.5 206.3





#59

2-Hexanone

Concen: 2.336 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

Tgt Ion: 43 Resp: 847

Ion Ratio Lower Upper

43 100

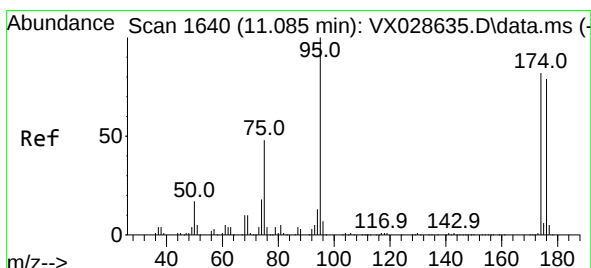
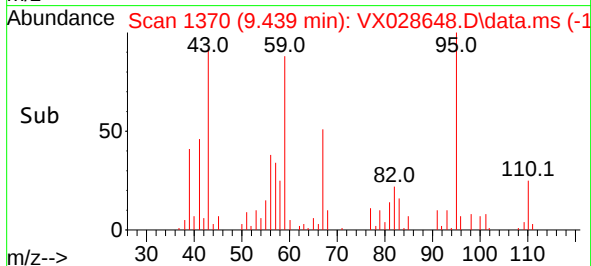
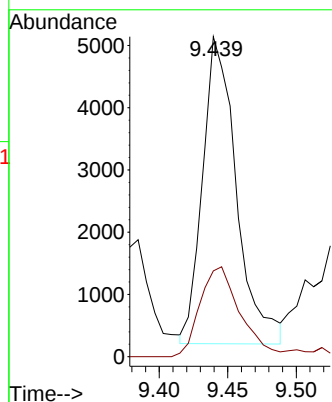
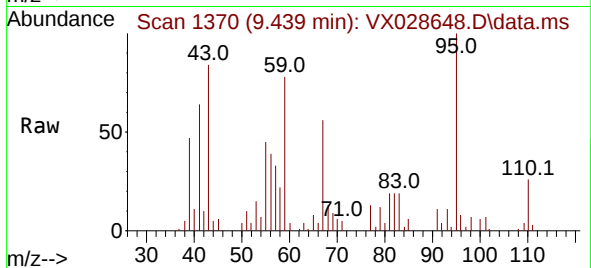
58 34.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#62

4-Bromofluorobenzene

Concen: 57.474 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

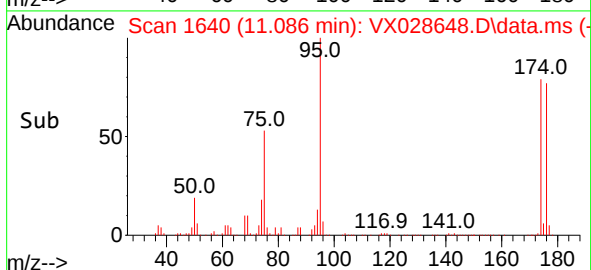
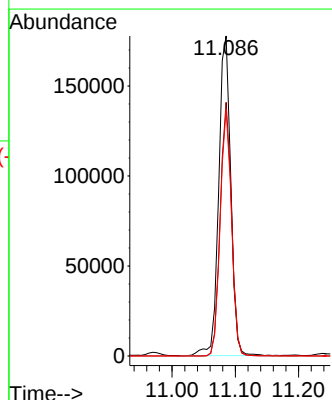
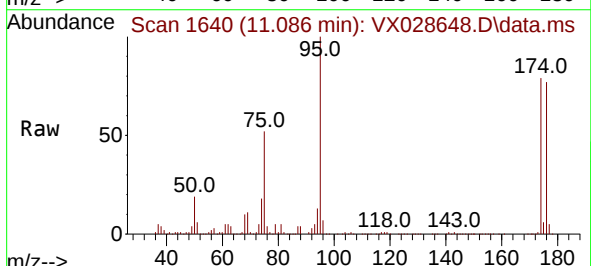
Tgt Ion: 95 Resp: 233689

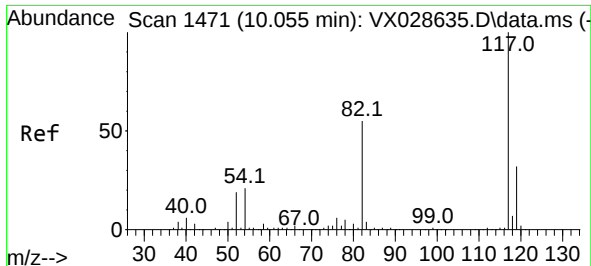
Ion Ratio Lower Upper

95 100

174 74.6 0.0 163.0

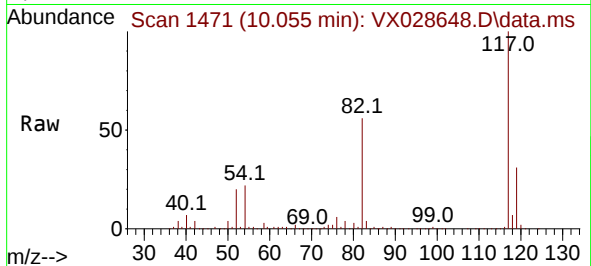
176 71.9 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

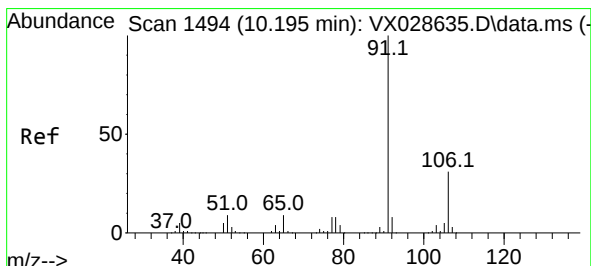
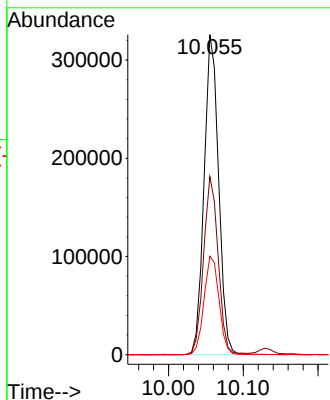
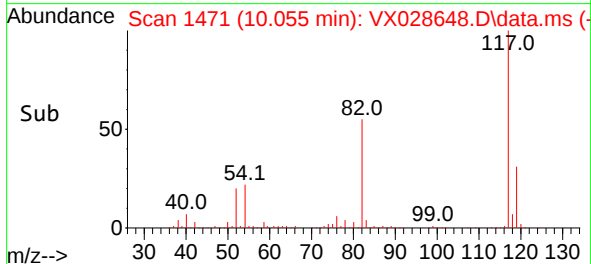
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



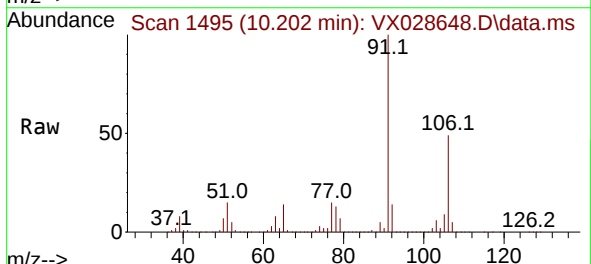
Tgt Ion:117 Resp: 43945
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 30.8 24.8 37.2

Manual Integrations
APPROVED

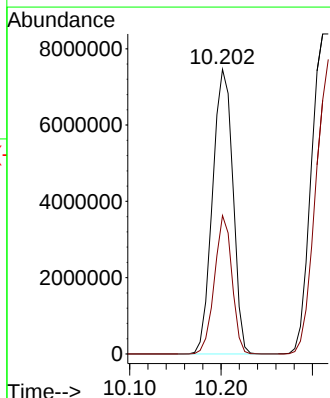
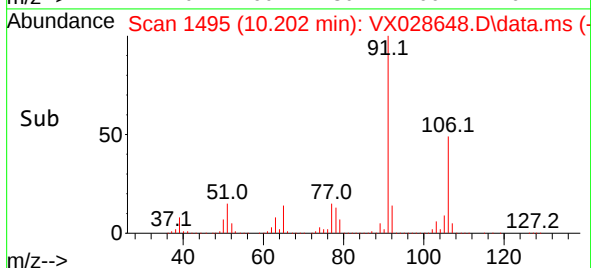
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

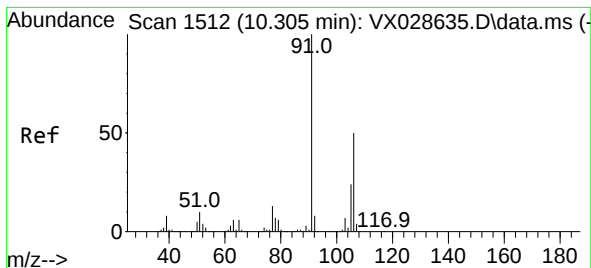


#67
Ethyl Benzene
Concen: 690.878 ug/l
RT: 10.202 min Scan# 1495
Delta R.T. 0.007 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12



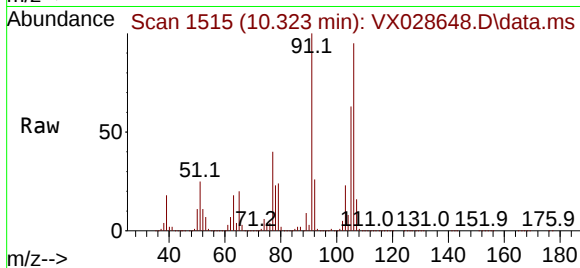
Tgt Ion: 91 Resp:11544547
Ion Ratio Lower Upper
91 100
106 48.6 24.6 36.8#





#68
m/p-Xylenes
Concen: 2453.166 ug/l
RT: 10.323 min Scan# 1515
Delta R.T. 0.018 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

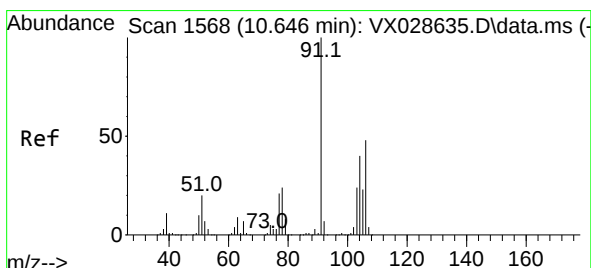
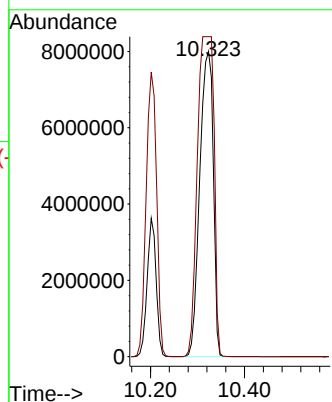
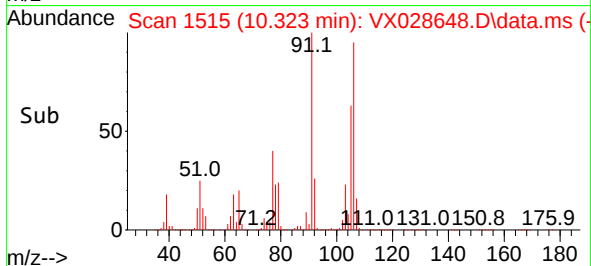
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion:106 Resp:15959399
Ion Ratio Lower Upper
106 100
91 129.6 160.4 240.6

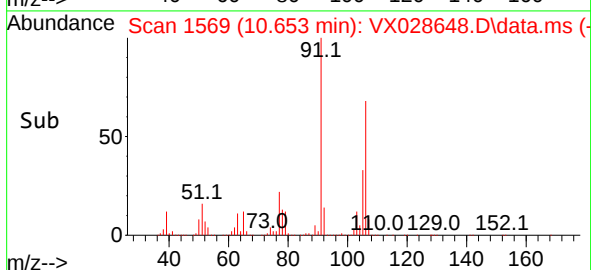
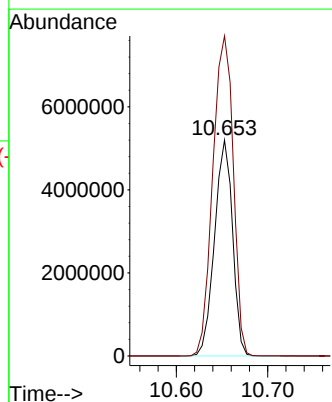
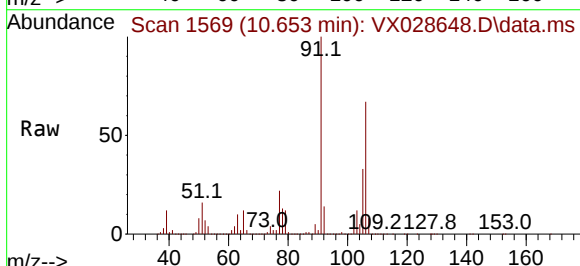
Manual Integrations
APPROVED

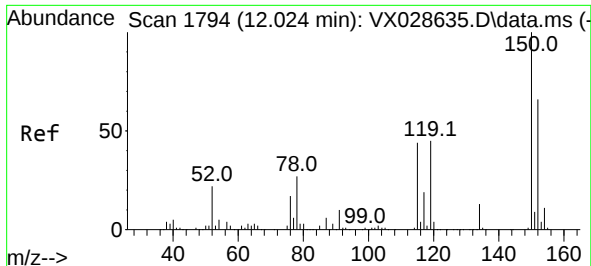
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#69
o-Xylene
Concen: 1110.242 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

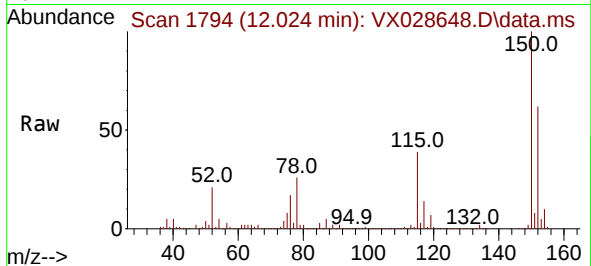
Tgt Ion:106 Resp: 7111264
Ion Ratio Lower Upper
106 100
91 168.4 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

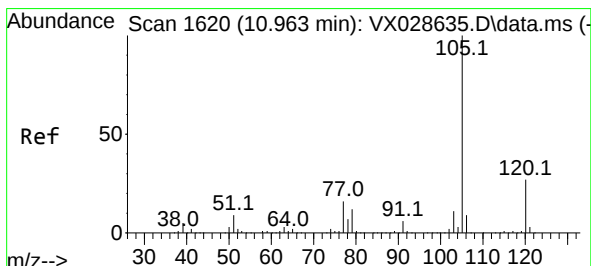
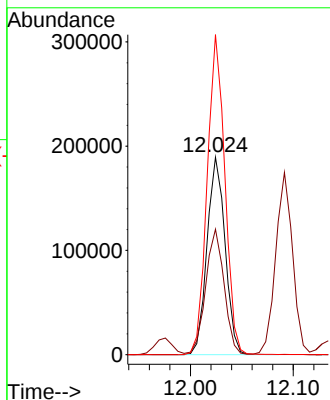
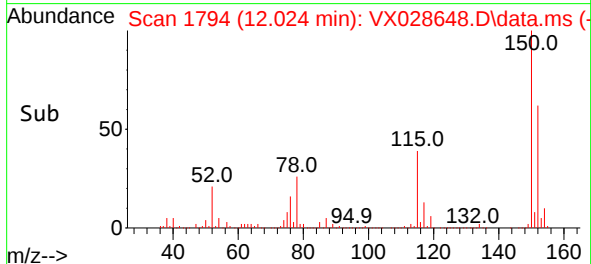
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



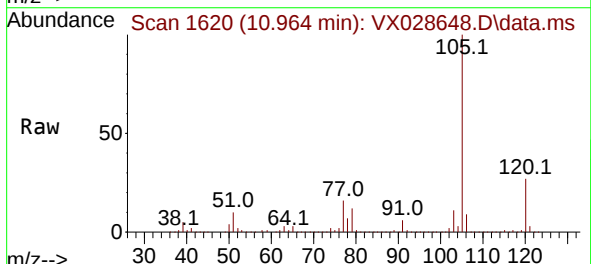
Tgt Ion:152 Resp: 231045
Ion Ratio Lower Upper
152 100
115 64.2 37.5 112.7
150 158.6 0.0 338.2

Manual Integrations
APPROVED

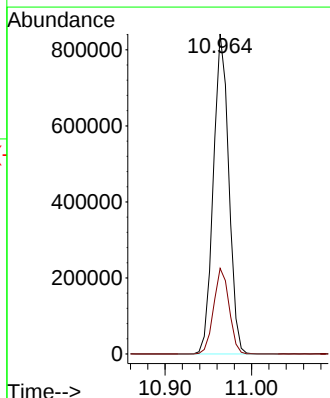
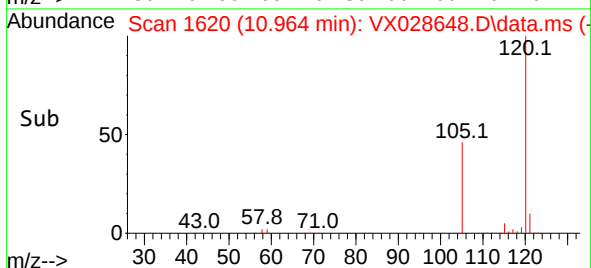
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

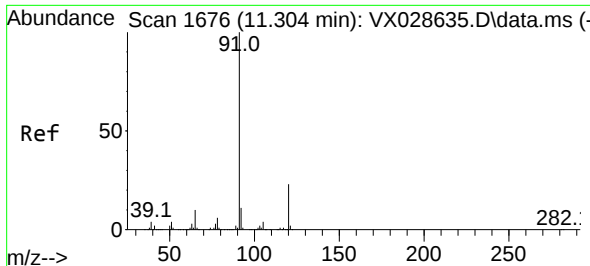


#73
Isopropylbenzene
Concen: 59.389 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12



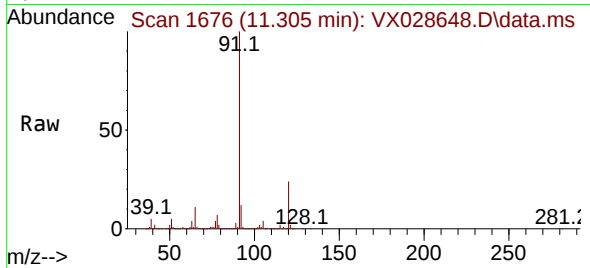
Tgt Ion:105 Resp: 1040577
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5





#78
n-propylbenzene
Concen: 151.181 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

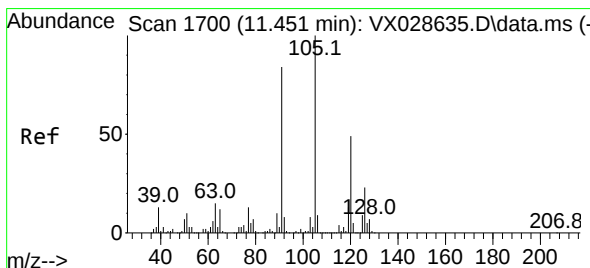
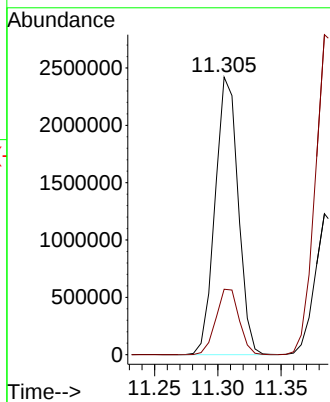
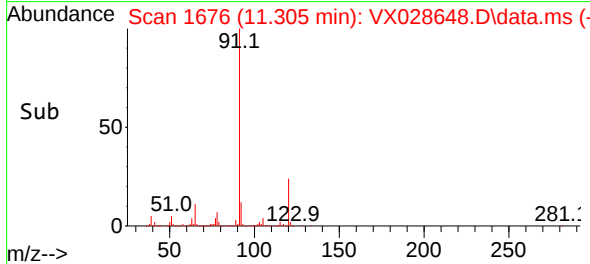
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



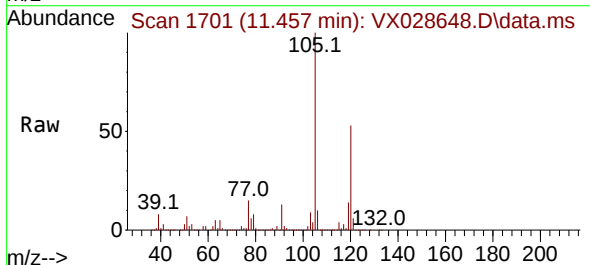
Tgt Ion: 91 Resp: 306403
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8

Manual Integrations
APPROVED

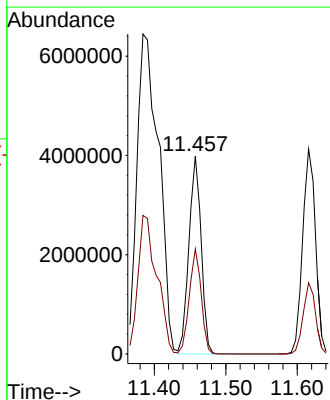
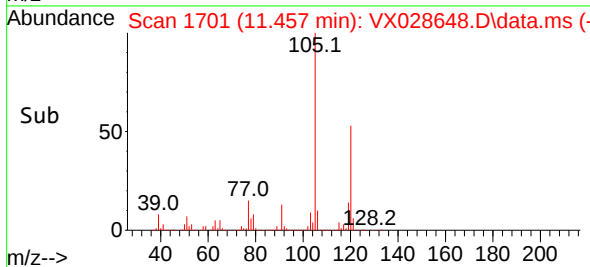
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

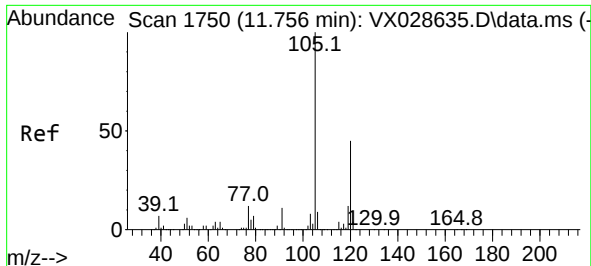


#80
1,3,5-Trimethylbenzene
Concen: 325.180 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12



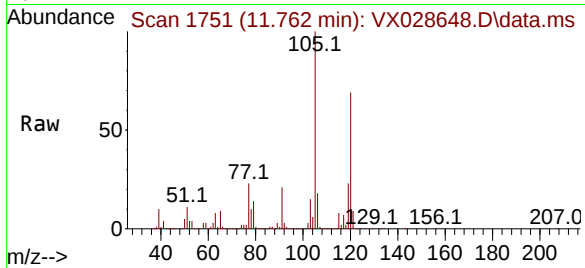
Tgt Ion:105 Resp: 4747492
Ion Ratio Lower Upper
105 100
120 51.5 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 849.706 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

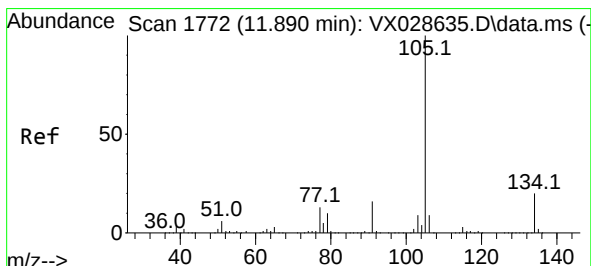
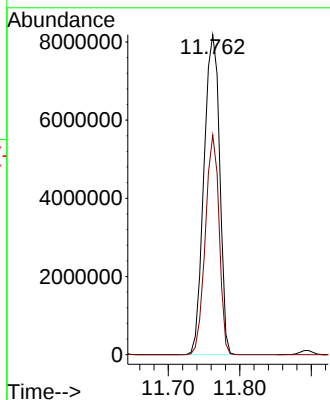
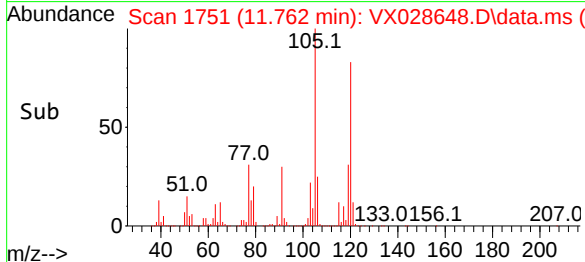
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion:105 Resp:1243996
Ion Ratio Lower Upper
105 100
120 60.5 22.6 67.8

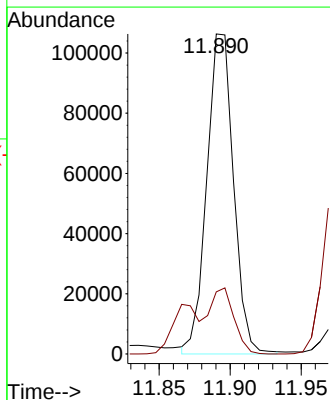
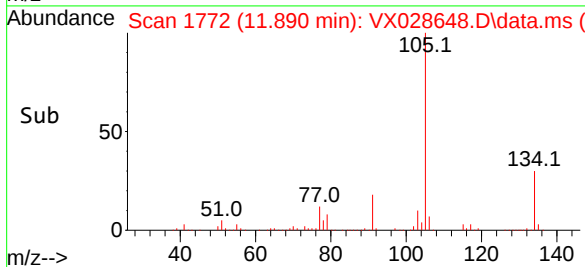
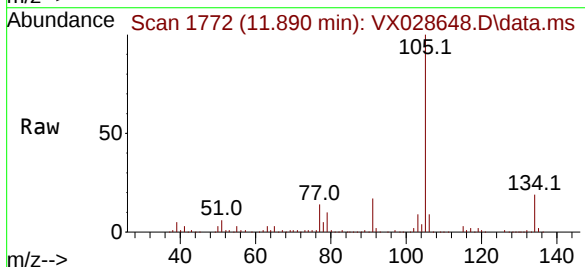
Manual Integrations
APPROVED

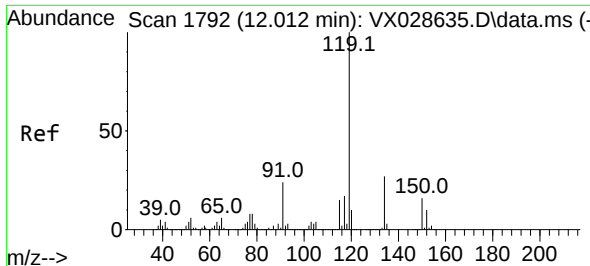
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#85
sec-Butylbenzene
Concen: 8.010 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion:105 Resp: 139660
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





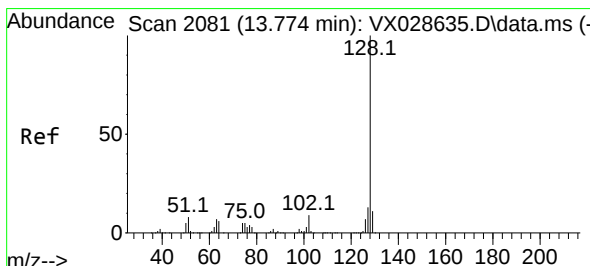
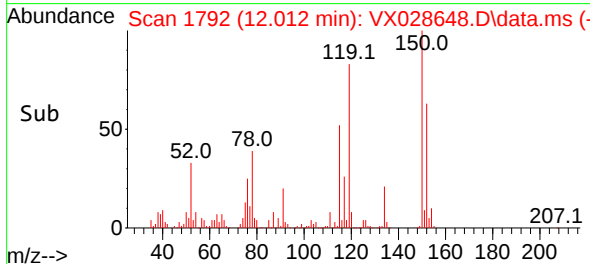
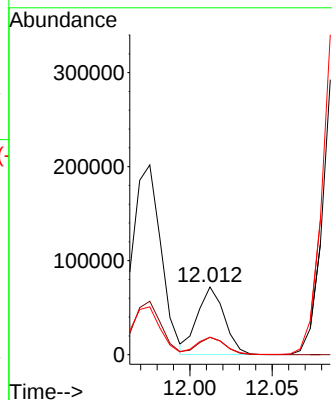
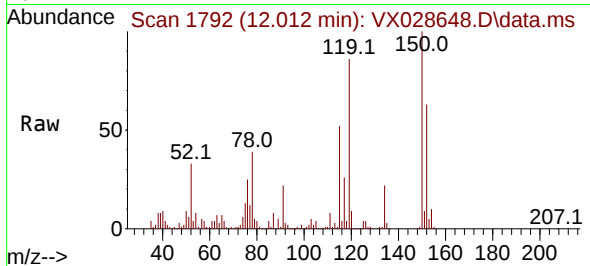
#86
p-Isopropyltoluene
Concen: 5.590 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion:119 Resp: 8178
Ion Ratio Lower Upper
119 100
134 26.5 13.0 39.0
91 0.0 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#95
Naphthalene
Concen: 282.662 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion:128 Resp: 4640763
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 12.1 8.7 13.1

