

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030350.D
 Acq On : 02 Aug 2022 14:20
 Operator : JC/MD
 Sample : N3861-14 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2-INCH

Quant Time: Aug 03 01:06:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/03/2022
 Supervised By :Mahesh Dadoda 08/03/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	154756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161057	51.778	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.560%			
35) Dibromofluoromethane	5.391	113	128586	49.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.580%			
50) Toluene-d8	8.653	98	495909	49.588	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.180%			
62) 4-Bromofluorobenzene	11.079	95	183958	49.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.120%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	14940	9.382	ug/l	93
22) Diisopropyl ether	3.758	45	8284	0.878	ug/l #	56
25) 2-Butanone	4.568	43	9231	3.449	ug/l #	84
31) Cyclohexane	5.477	56	142486	31.550	ug/l	94
39) Methylcyclohexane	7.385	83	61944	12.913	ug/l	91
40) Benzene	6.044	78	81318	6.955	ug/l	98
52) Toluene	8.720	92	14503	2.033	ug/l	92
67) Ethyl Benzene	10.195	91	189986	17.354	ug/l	96
68) m/p-Xylenes	10.305	106	21064	4.221	ug/l	95
69) o-Xylene	10.647	106	3322	0.675	ug/l	97
73) Isopropylbenzene	10.964	105	405137	31.207	ug/l	100
78) n-propylbenzene	11.305	91	1186280	76.560	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	19923	1.833	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	10407	0.960	ug/l	95
85) sec-Butylbenzene	11.890	105	40793	2.958	ug/l	99
86) p-Isopropyltoluene	12.012	119	3516m	0.319	ug/l	
89) n-Butylbenzene	12.335	91	61183	5.956	ug/l #	75
95) Naphthalene	13.780	128	166121	12.608	ug/l	99

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

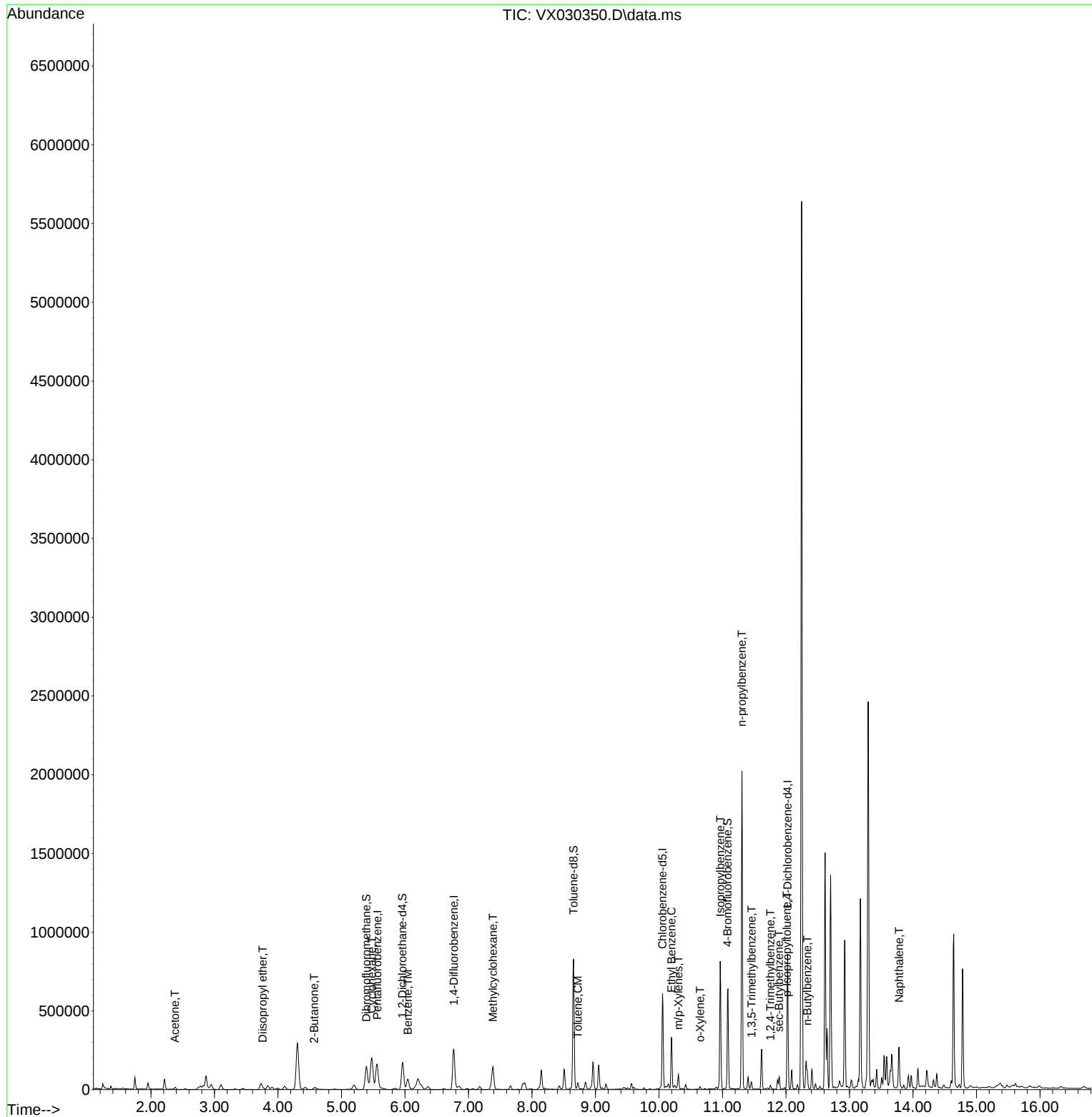
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
Data File : VX030350.D
Acq On : 02 Aug 2022 14:20
Operator : JC/MD
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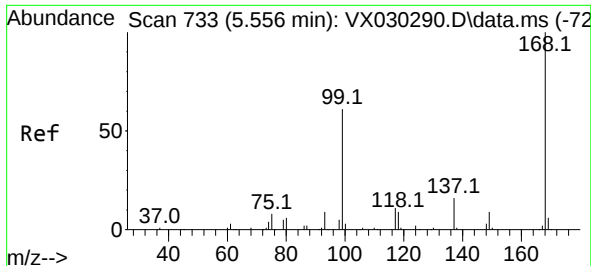
Instrument :
MSVOA_X
ClientSampleId :
2-INCH

Quant Time: Aug 03 01:06:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

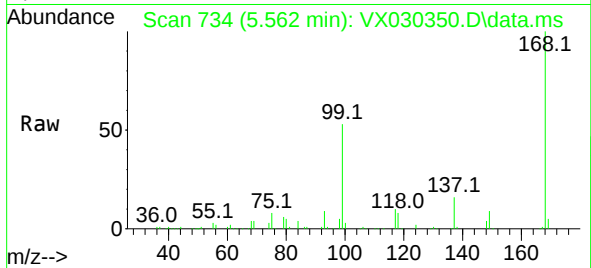
Reviewed By : John Carlone 08/03/2022
Supervised By : Mahesh Dadoda 08/03/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

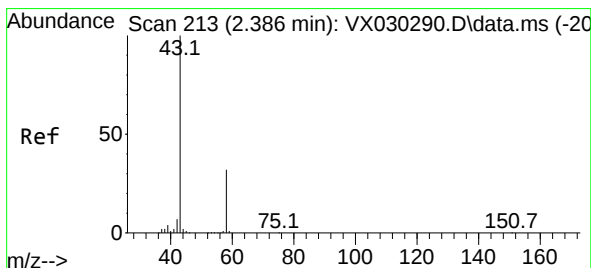
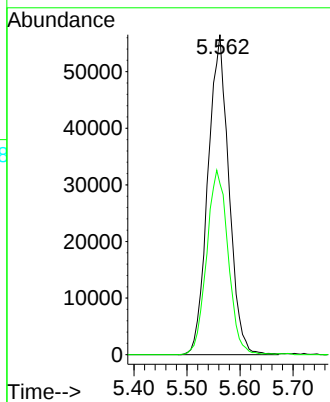
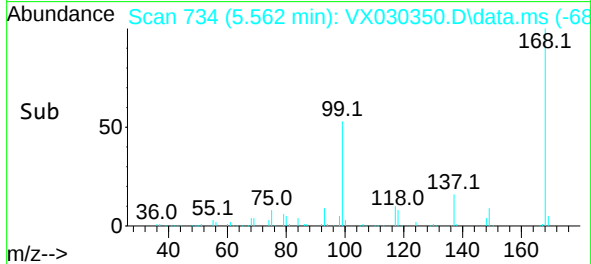
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



Tgt Ion:168 Resp: 154750
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0

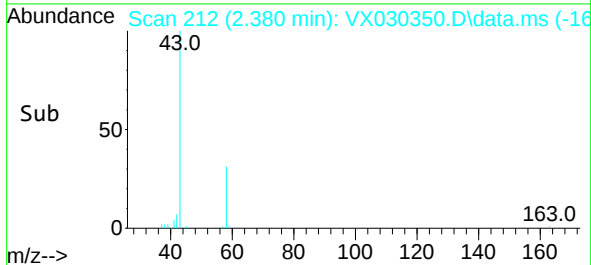
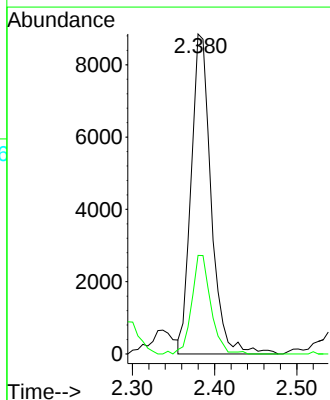
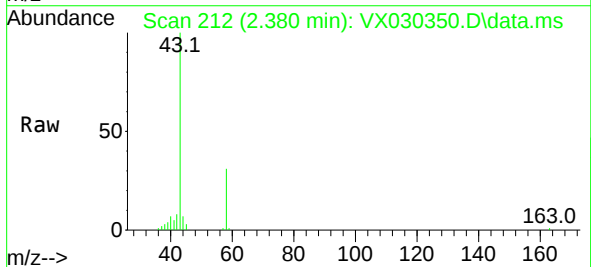
Manual Integrations
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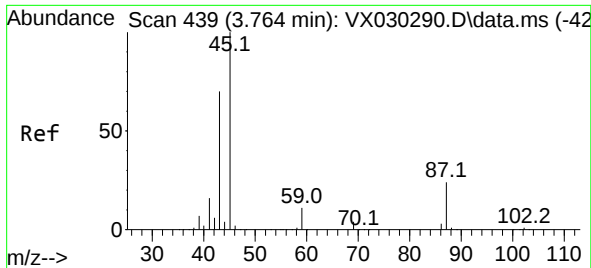
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#16
Acetone
Concen: 9.382 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

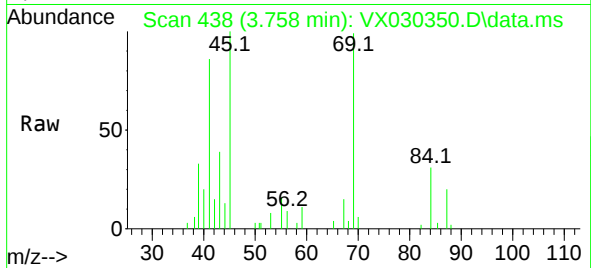
Tgt Ion: 43 Resp: 14940
Ion Ratio Lower Upper
43 100
58 30.8 27.7 41.5





#22
Diisopropyl ether
Concen: 0.878 ug/l
RT: 3.758 min Scan# 41
Delta R.T. -0.011 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

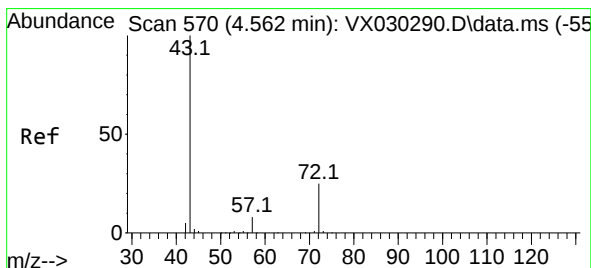
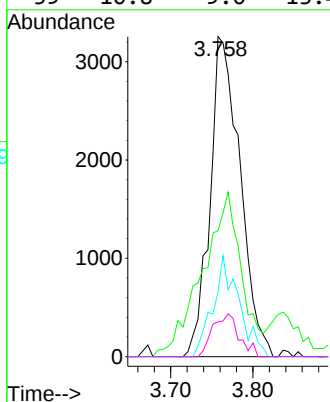
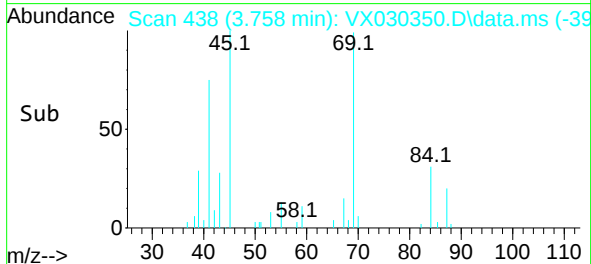
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



Tgt Ion: 45 Resp: 8284
Ion Ratio Lower Upper
45 100
43 28.1 65.4 98.0
87 20.4 22.3 33.5
59 10.8 9.0 13.4

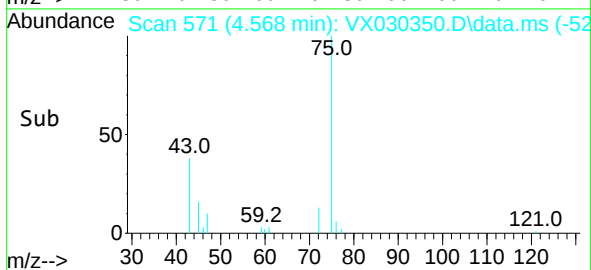
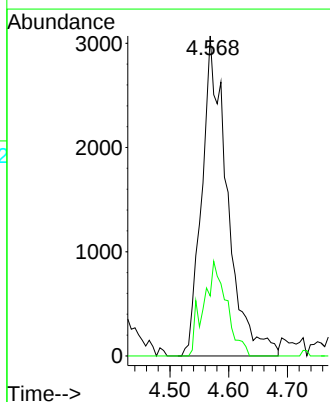
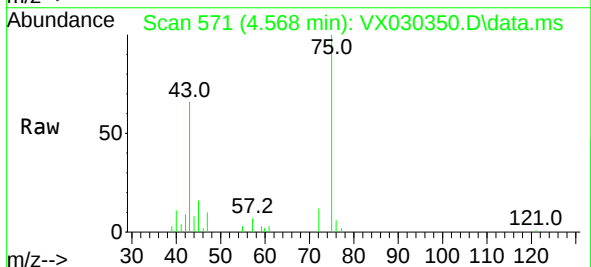
Manual Integrations
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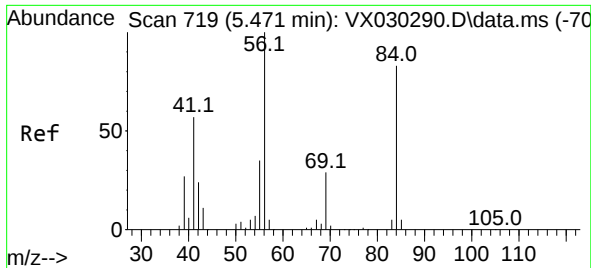
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#25
2-Butanone
Concen: 3.449 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

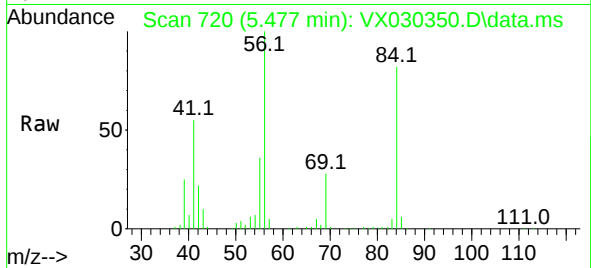
Tgt Ion: 43 Resp: 9231
Ion Ratio Lower Upper
43 100
72 18.7 21.7 32.5





#31
Cyclohexane
Concen: 31.550 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

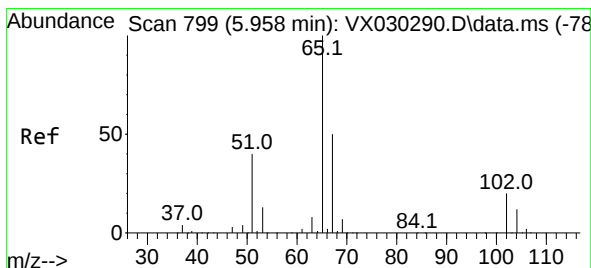
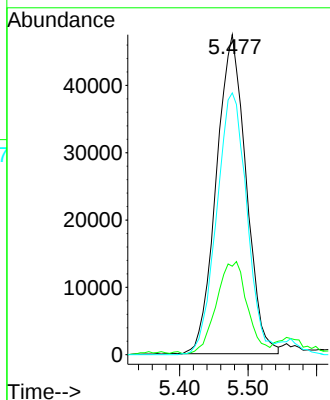
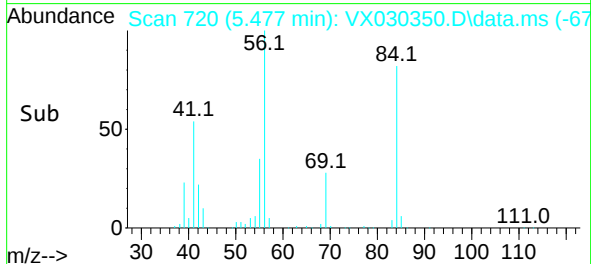
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



Tgt Ion: 56 Resp: 142480
Ion Ratio Lower Upper
56 100
69 26.8 25.4 38.0
84 82.1 68.9 103.3

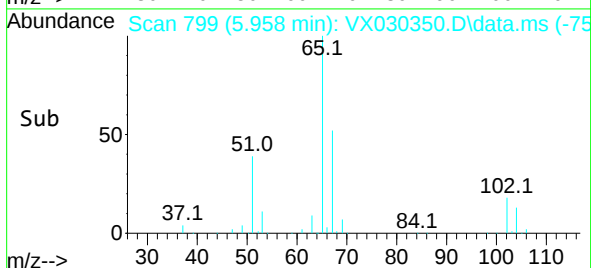
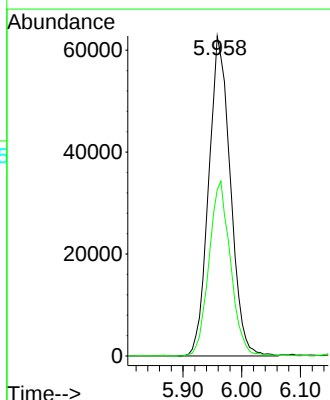
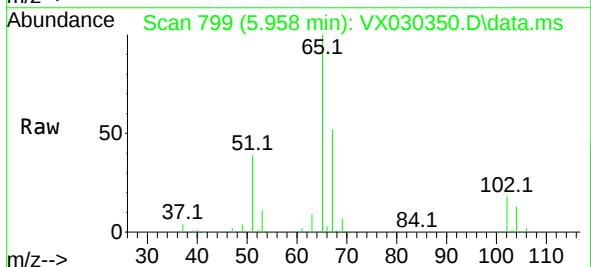
Manual Integrations
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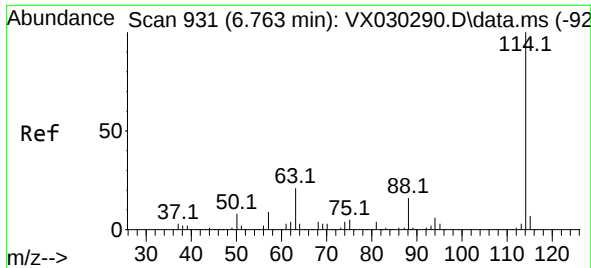
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#33
1,2-Dichloroethane-d4
Concen: 51.778 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

Tgt Ion: 65 Resp: 161057
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6





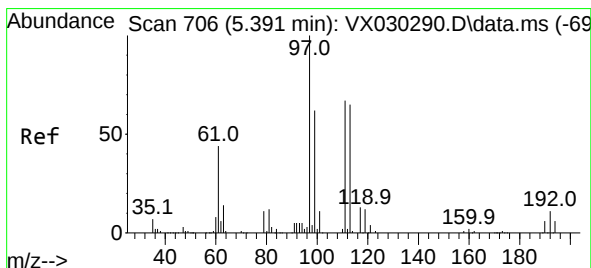
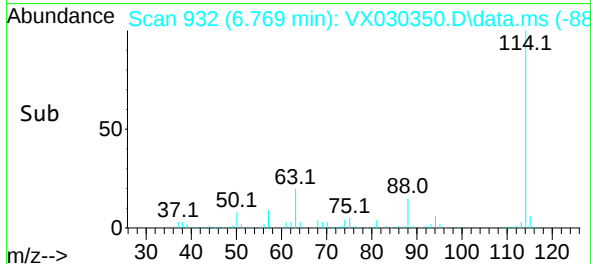
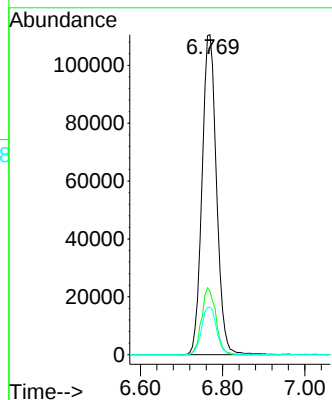
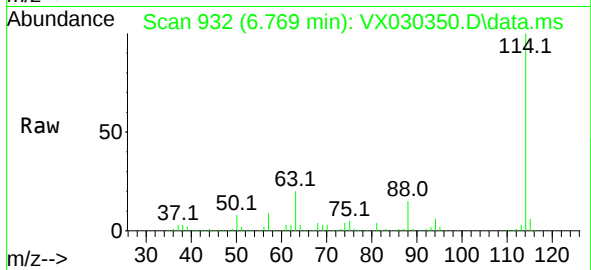
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

Instrument :
MSVOA_X
ClientSampleId :
2-INCH

Tgt Ion:114 Resp: 270130
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 14.7 0.0 31.8

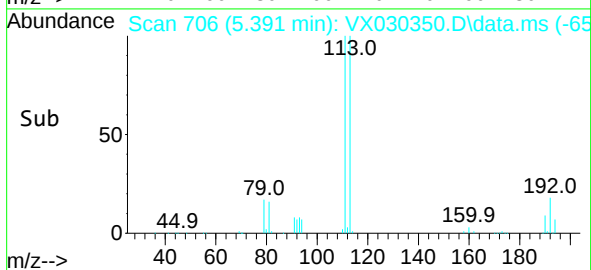
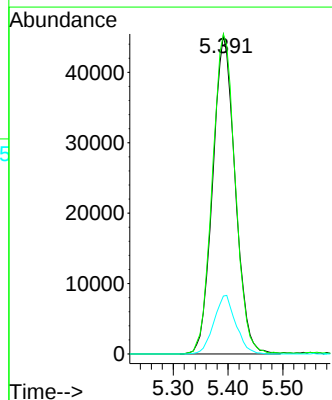
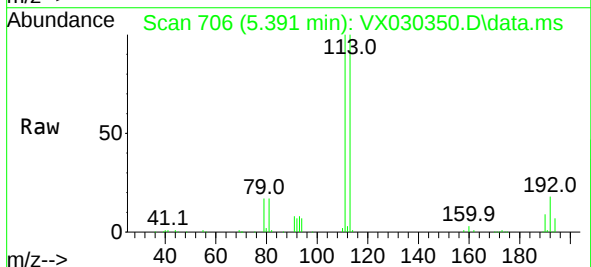
Manual Integrations
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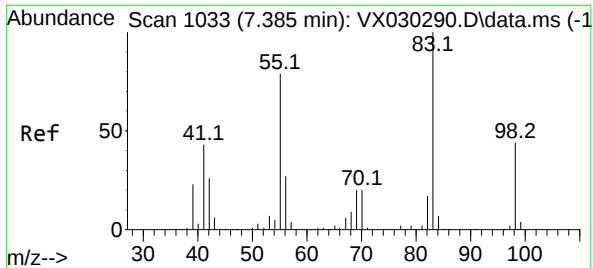
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#35
Dibromofluoromethane
Concen: 49.794 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

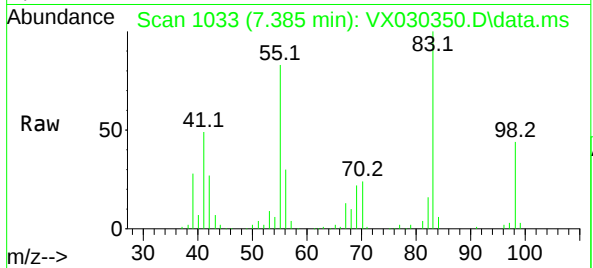
Tgt Ion:113 Resp: 128586
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 17.9 14.8 22.2





#39
Methylcyclohexane
Concen: 12.913 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.001 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

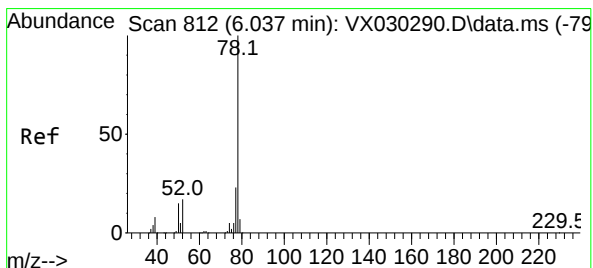
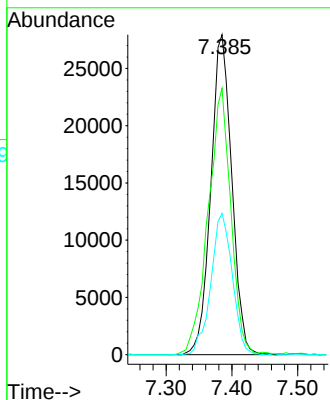
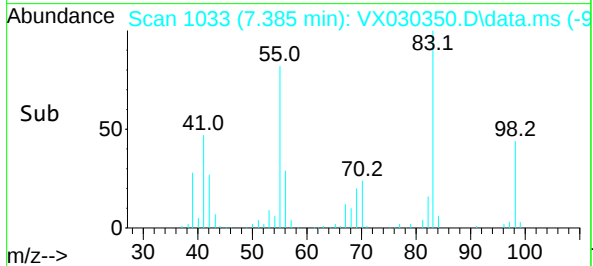
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



Tgt Ion: 83 Resp: 61944
Ion Ratio Lower Upper
83 100
55 82.9 57.7 86.5
98 44.1 36.5 54.7

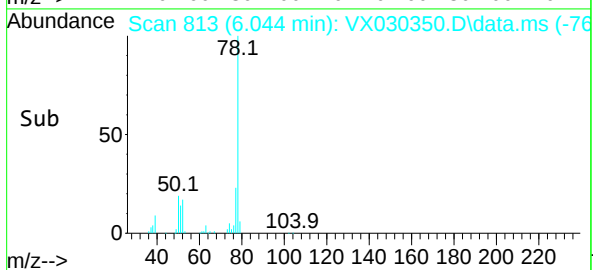
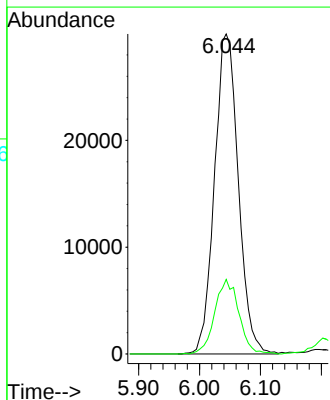
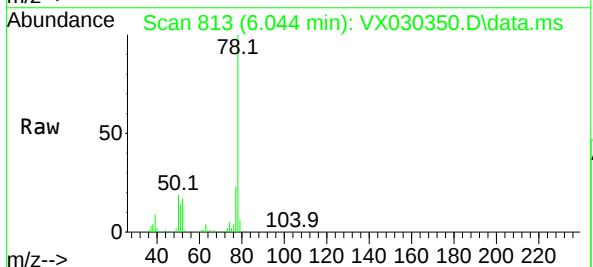
Manual Integrations
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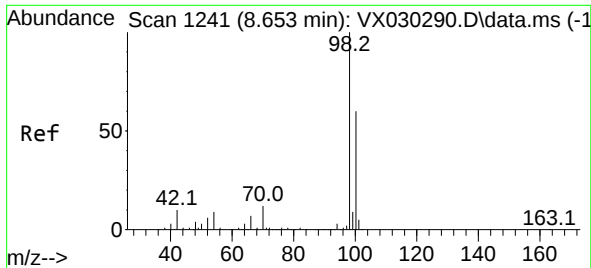
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#40
Benzene
Concen: 6.955 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

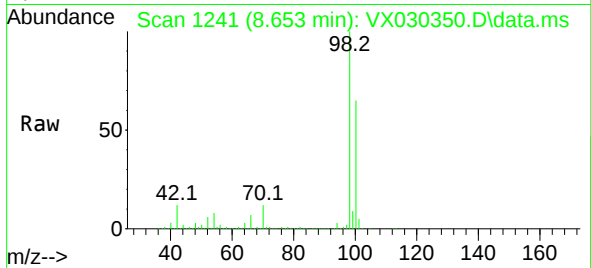
Tgt Ion: 78 Resp: 81318
Ion Ratio Lower Upper
78 100
77 23.3 18.0 27.0





#50
Toluene-d8
Concen: 49.588 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

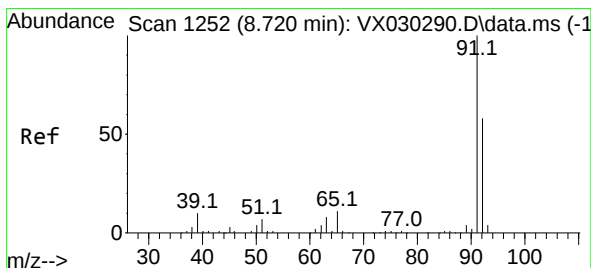
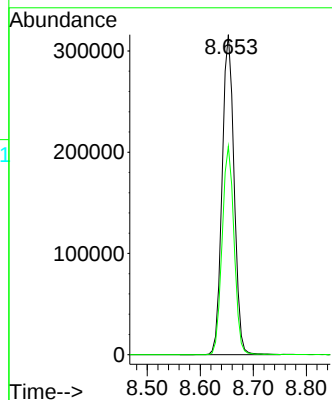
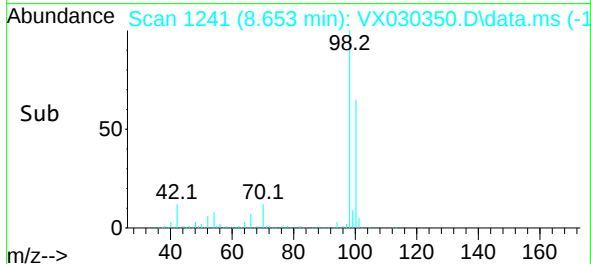
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



Tgt Ion: 98 Resp: 495909
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

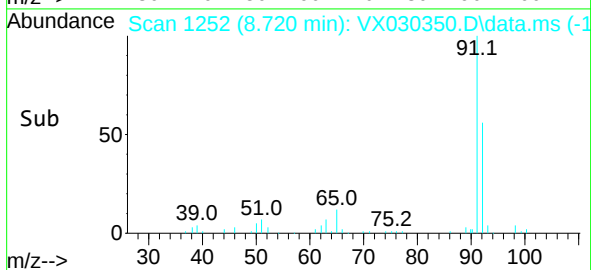
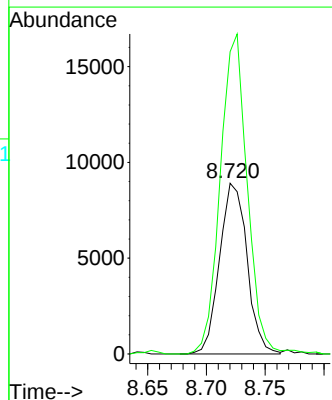
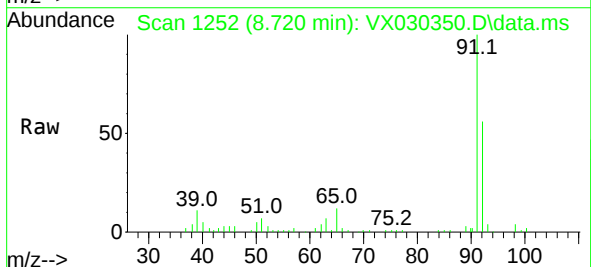
Manual Integrations
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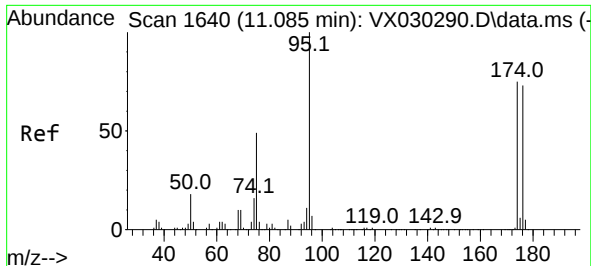
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#52
Toluene
Concen: 2.033 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

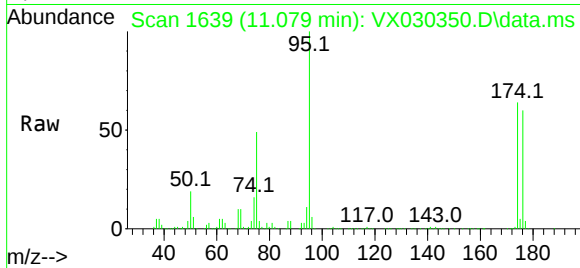
Tgt Ion: 92 Resp: 14503
Ion Ratio Lower Upper
92 100
91 184.7 139.2 208.8





#62
4-Bromofluorobenzene
Concen: 49.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

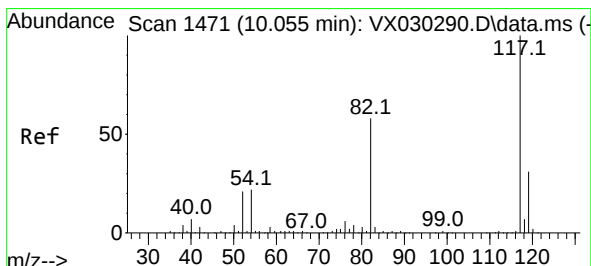
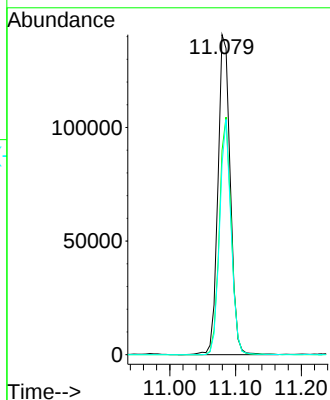
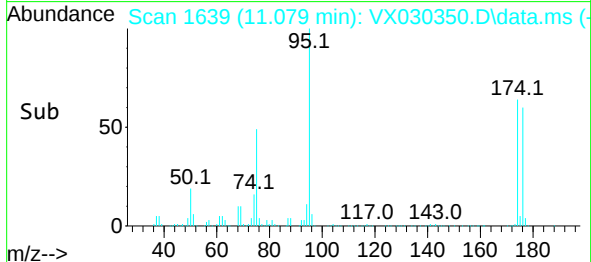
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



Tgt Ion: 95 Resp: 183958
Ion Ratio Lower Upper
95 100
174 70.9 0.0 149.0
176 67.9 0.0 146.0

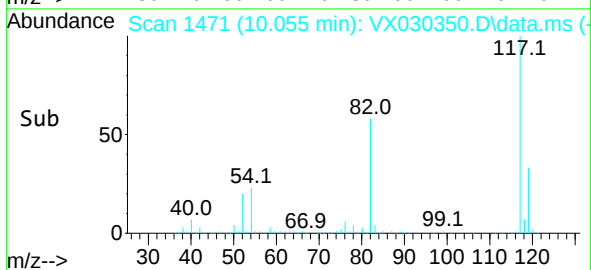
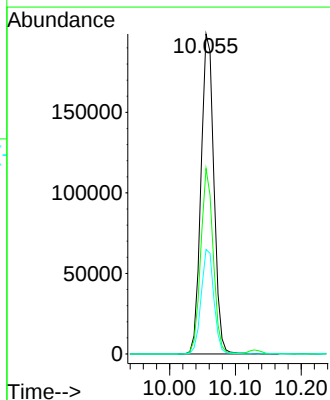
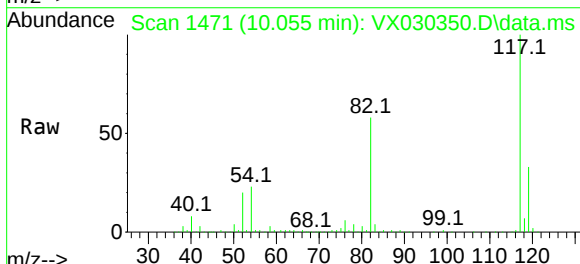
Manual Integrations
APPROVED

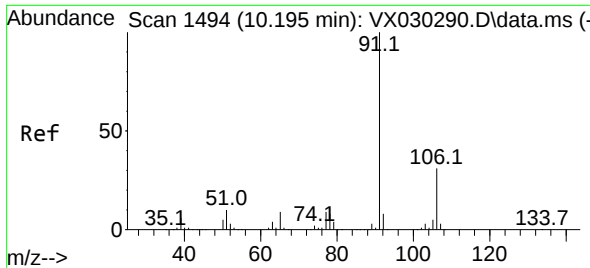
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

Tgt Ion:117 Resp: 271174
Ion Ratio Lower Upper
117 100
82 58.0 42.7 64.1
119 32.6 25.4 38.2





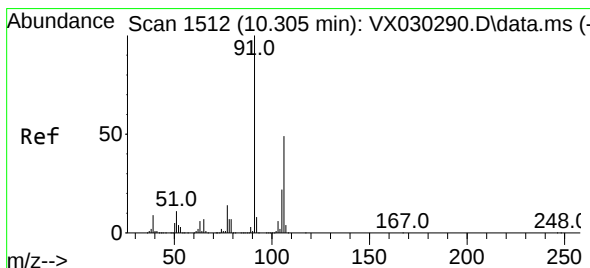
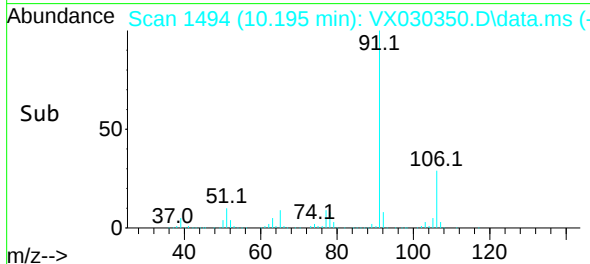
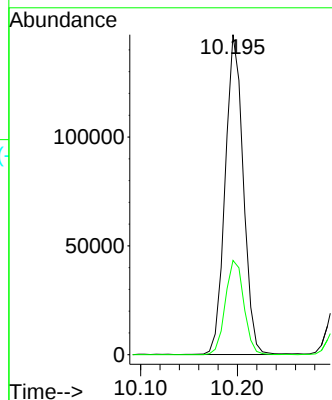
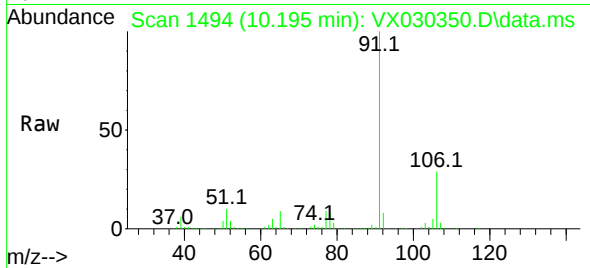
#67
Ethyl Benzene
Concen: 17.354 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

Instrument :
MSVOA_X
ClientSampleId :
2-INCH

Tgt Ion: 91 Resp: 189980
Ion Ratio Lower Upper
91 100
106 29.5 25.5 38.3

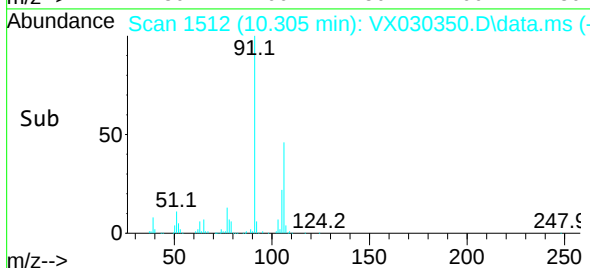
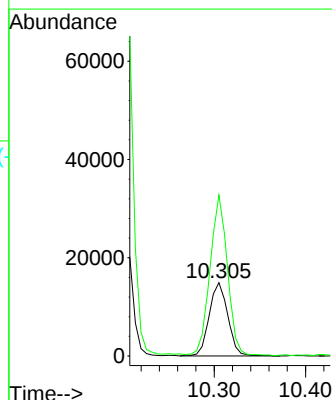
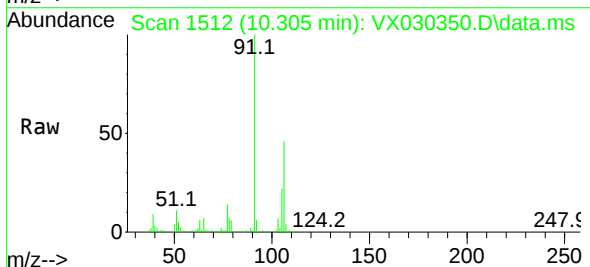
Manual Integrations
APPROVED

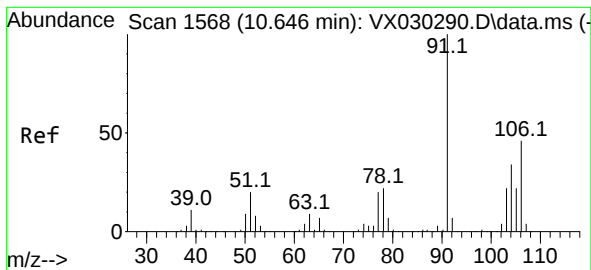
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#68
m/p-Xylenes
Concen: 4.221 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

Tgt Ion:106 Resp: 21064
Ion Ratio Lower Upper
106 100
91 205.4 158.2 237.4





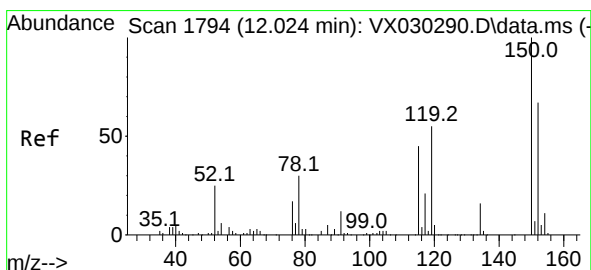
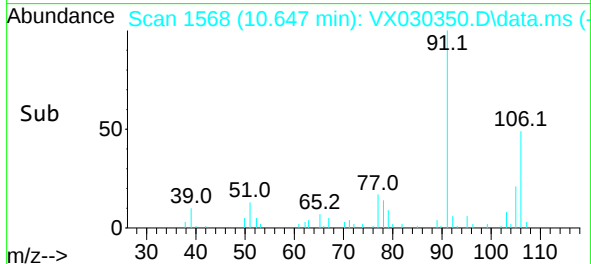
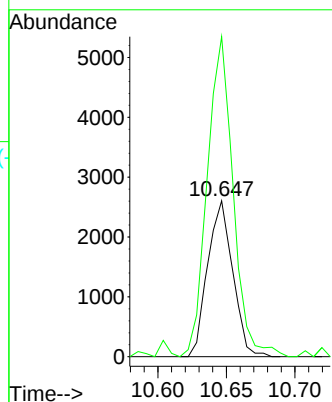
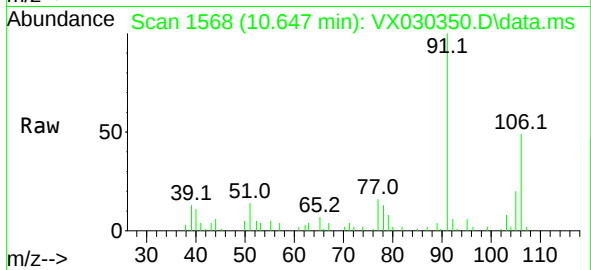
#69
o-Xylene
Concen: 0.675 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

Instrument :
MSVOA_X
ClientSampleId :
2-INCH

Tgt Ion:106 Resp: 332
Ion Ratio Lower Upper
106 100
91 211.9 103.8 311.6

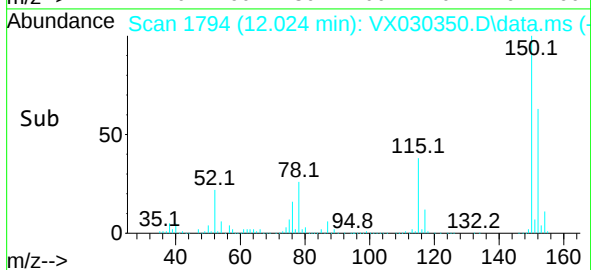
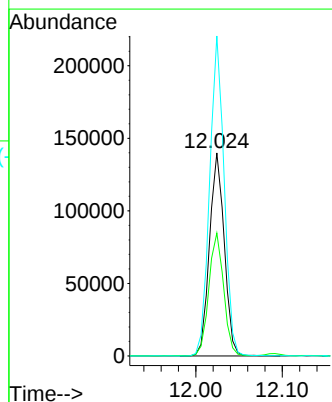
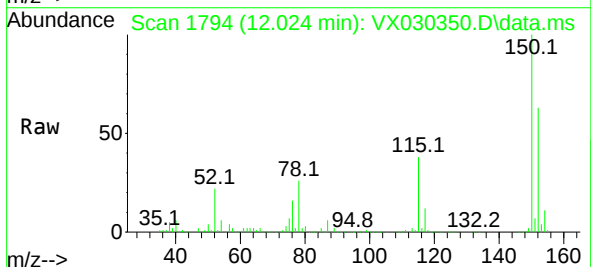
Manual Integrations
APPROVED

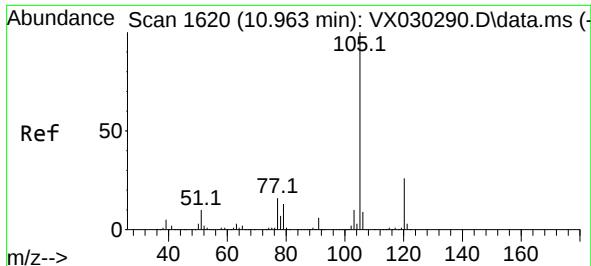
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

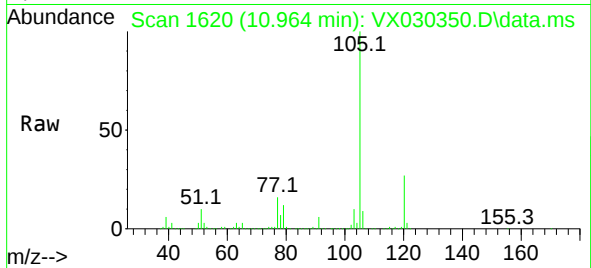
Tgt Ion:152 Resp: 166297
Ion Ratio Lower Upper
152 100
115 60.2 40.5 121.5
150 154.2 0.0 347.0





#73
Isopropylbenzene
Concen: 31.207 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

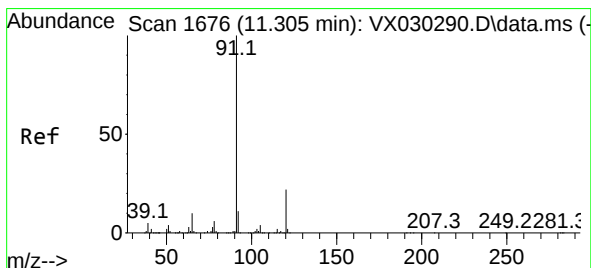
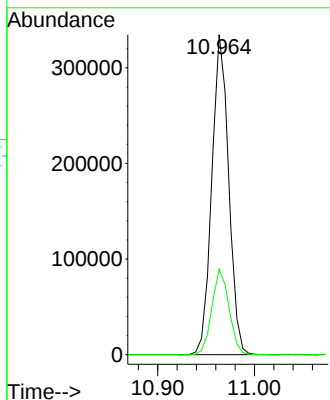
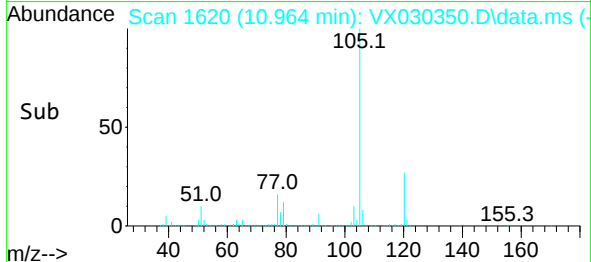
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



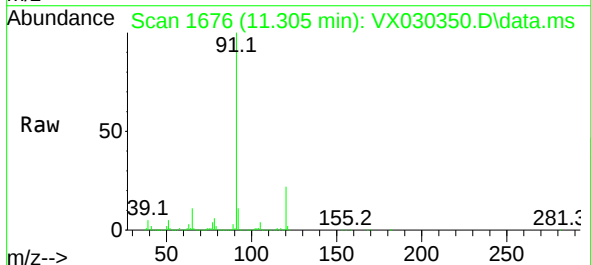
Tgt Ion:105 Resp: 40513
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
APPROVED

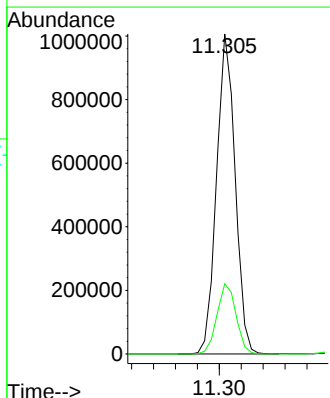
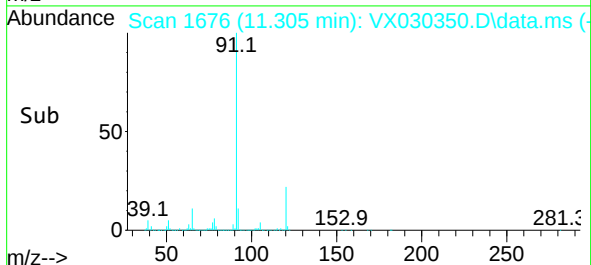
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022

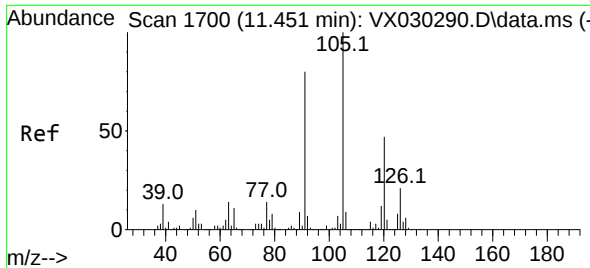


#78
n-propylbenzene
Concen: 76.560 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20



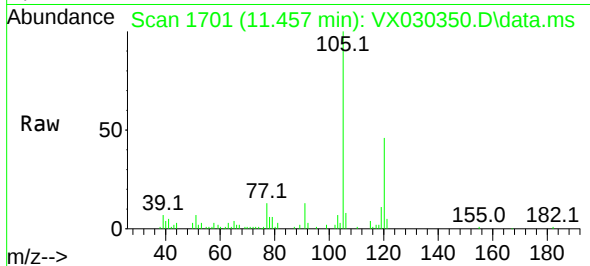
Tgt Ion: 91 Resp: 1186280
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 1.833 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

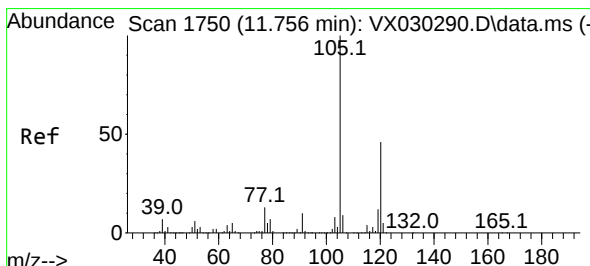
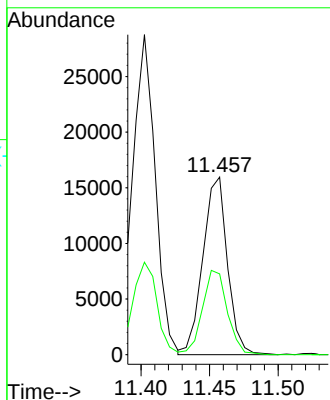
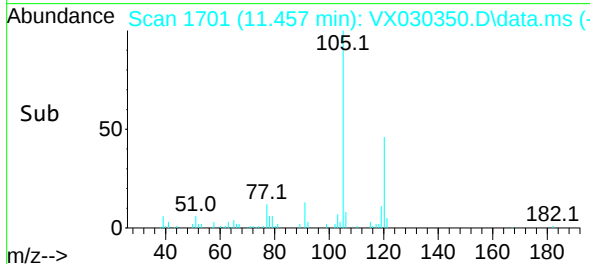
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



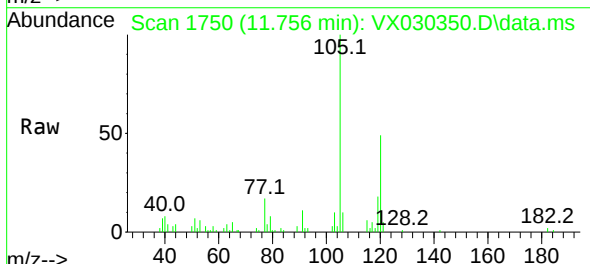
Tgt Ion:105 Resp: 1992
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.2

Manual Integrations
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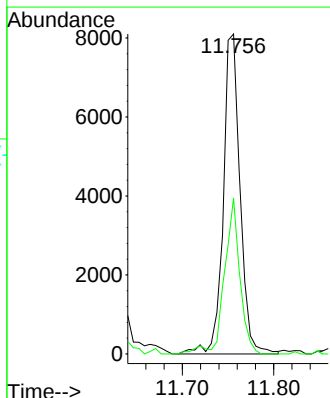
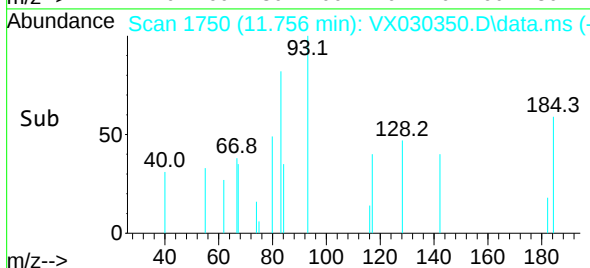
Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022

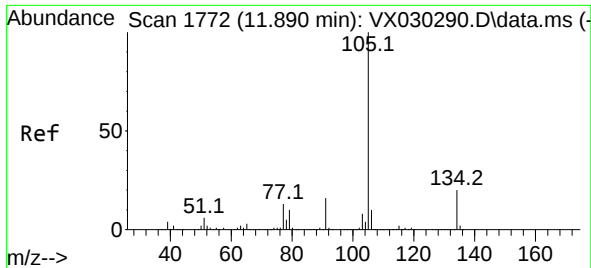


#84
1,2,4-Trimethylbenzene
Concen: 0.960 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20



Tgt Ion:105 Resp: 10407
Ion Ratio Lower Upper
105 100
120 42.5 22.9 68.8





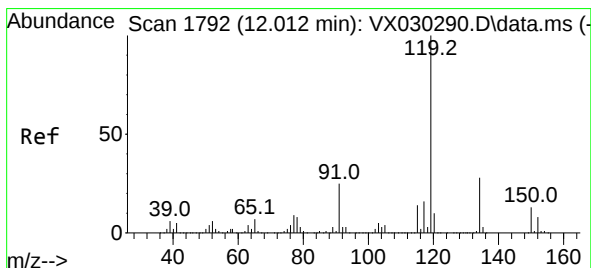
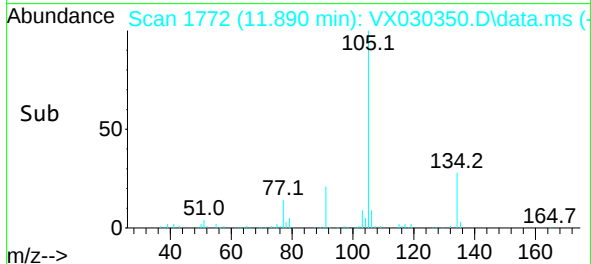
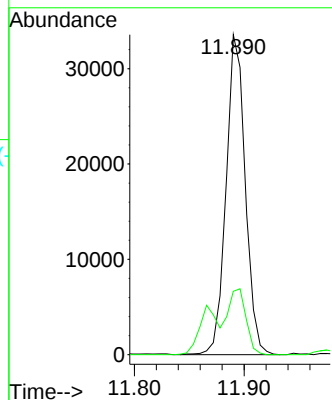
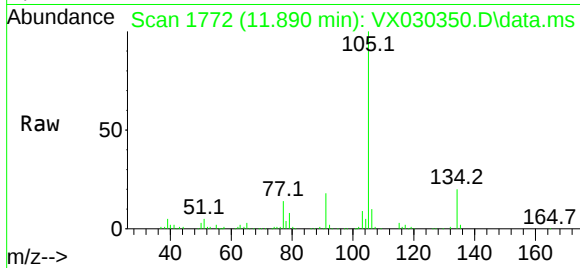
#85
 sec-Butylbenzene
 Concen: 2.958 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030350.D
 Acq: 02 Aug 2022 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 2-INCH

Tgt Ion:105 Resp: 40793
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

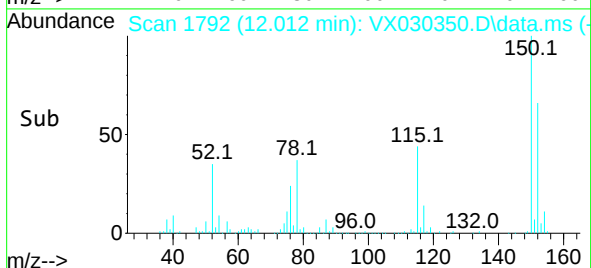
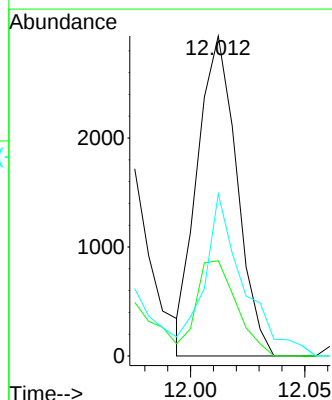
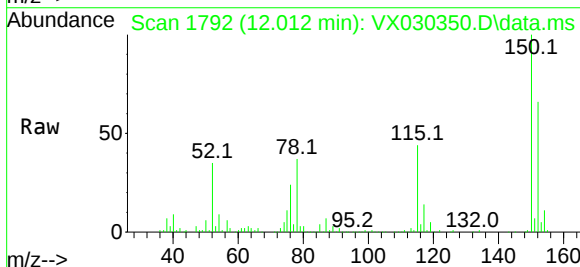
Manual Integrations
 APPROVED

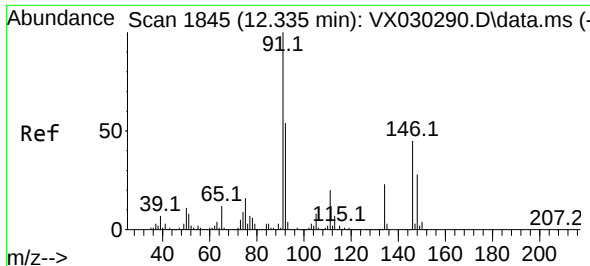
Reviewed By :John Carlone 08/03/2022
 Supervised By :Mahesh Dadoda 08/03/2022



#86
 p-Isopropyltoluene
 Concen: 0.319 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030350.D
 Acq: 02 Aug 2022 14:20

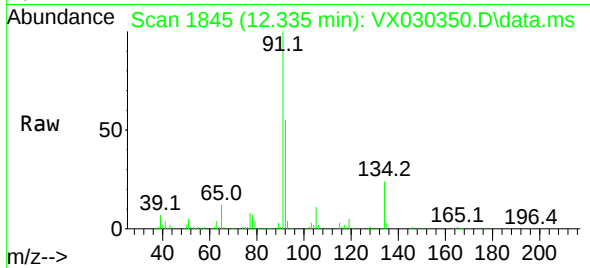
Tgt Ion:119 Resp: 3516
 Ion Ratio Lower Upper
 119 100
 134 94.7 13.9 41.6#
 91 0.0 11.8 35.3#





#89
n-Butylbenzene
Concen: 5.956 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

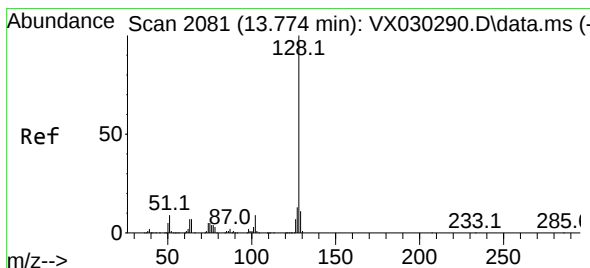
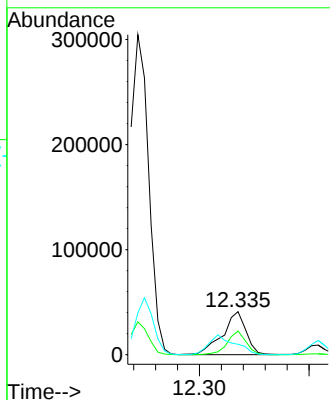
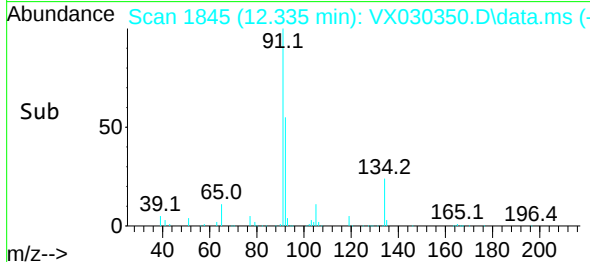
Instrument :
MSVOA_X
ClientSampleId :
2-INCH



Tgt Ion: 91 Resp: 6118
Ion Ratio Lower Upper
91 100
92 43.7 26.2 78.5
134 51.5 12.6 37.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/03/2022
Supervised By :Mahesh Dadoda 08/03/2022



#95
Naphthalene
Concen: 12.608 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030350.D
Acq: 02 Aug 2022 14:20

Tgt Ion:128 Resp: 166121
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 11.4 8.6 13.0

