

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048771.D
 Acq On : 01 Jun 2022 04:57
 Operator : SY/MD
 Sample : N3075-03 20X
 Misc : 6.11g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-3

Quant Time: Jun 01 05:48:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.363	168	293553	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.244	114	493879	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	461318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	234327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	201722	45.756	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.520%		
35) Dibromofluoromethane	5.295	113	155684	44.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.380%		
50) Toluene-d8	7.896	98	641186	50.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.540%		
62) 4-Bromofluorobenzene	10.639	95	255135m	53.413	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.820%		
Target Compounds						
					Qvalue	
16) Acetone	2.655	43	5658	2.518	ug/l #	88
25) 2-Butanone	4.755	43	6805m	2.108	ug/l	
31) Cyclohexane	5.356	56	825581	148.597	ug/l #	87
39) Methylcyclohexane	6.752	83	3088139	572.729	ug/l	100
40) Benzene	5.761	78	36743	2.420	ug/l	99
52) Toluene	7.970	92	14401	1.586	ug/l	96
67) Ethyl Benzene	9.571	91	969594	58.920	ug/l	98
68) m/p-Xylenes	9.697	106	188336	29.262	ug/l	96
69) o-Xylene	10.102	106	48349	7.646	ug/l	79
73) Isopropylbenzene	10.488	105	749409	49.538	ug/l	100
78) n-propylbenzene	10.909	91	1628805	90.357	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	1337835	101.692	ug/l	99
83) tert-Butylbenzene	11.423	119	39089	3.096	ug/l	95
84) 1,2,4-Trimethylbenzene	11.472	105	1214096	84.785	ug/l	100
85) sec-Butylbenzene	11.648	105	452806	28.666	ug/l	97
86) p-Isopropyltoluene	11.796	119	504451	37.187	ug/l	97
89) n-Butylbenzene	12.208	91	1091055	79.028	ug/l #	37
95) Naphthalene	14.089	128	2868129	150.155	ug/l	99

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

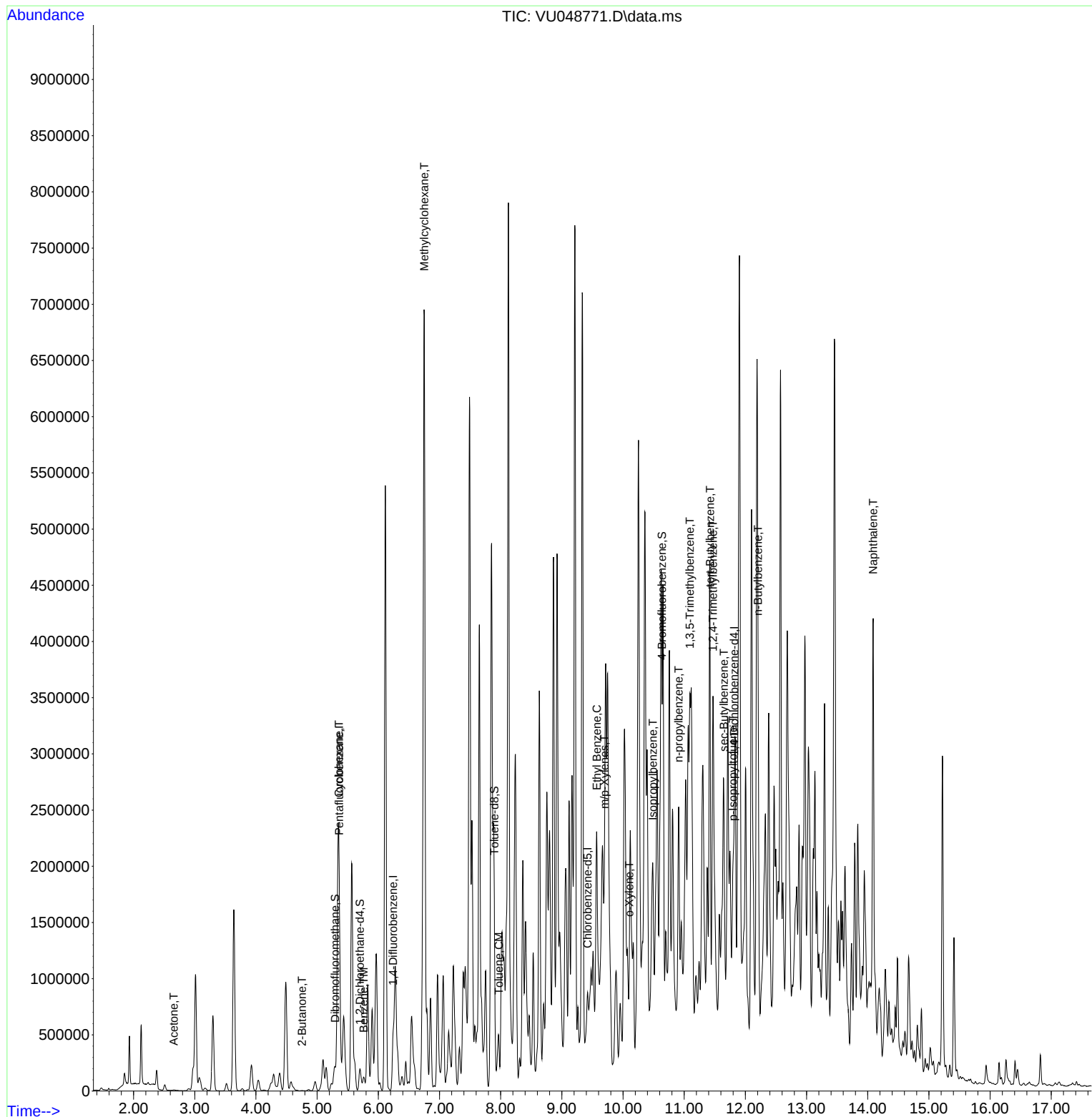
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048771.D
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Operator : SY/MD
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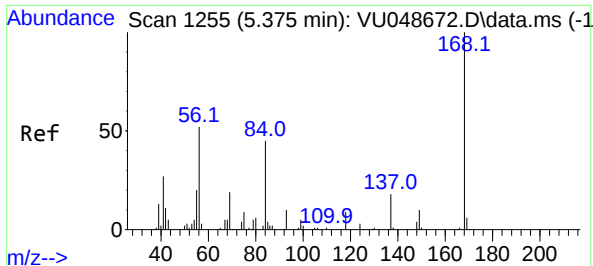
Instrument :
MSVOA_U
ClientSampleId :
SS-3

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Quant Title : SW846 8260
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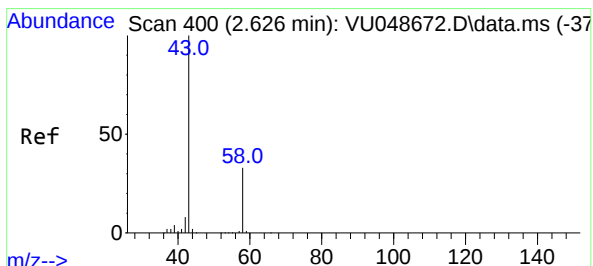
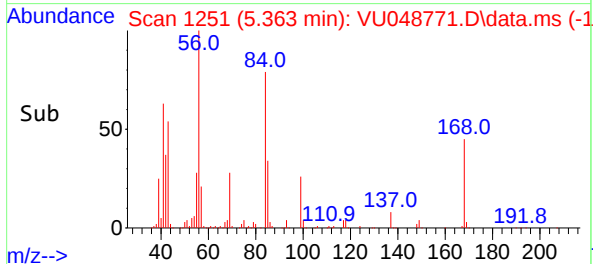
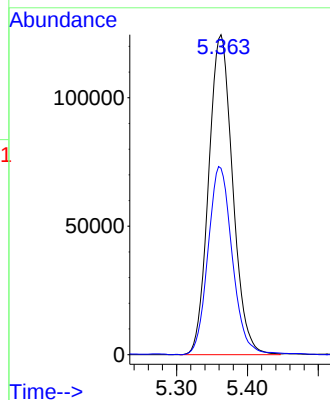
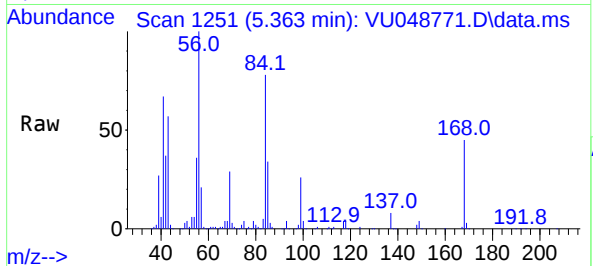
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Instrument :
MSVOA_U
ClientSampleId :
SS-3

Tgt Ion:168 Resp: 29355
Ion Ratio Lower Upper
168 100
99 58.2 49.3 73.9

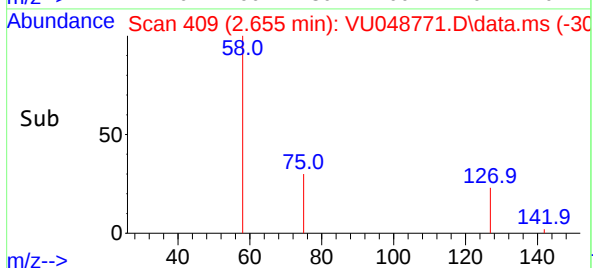
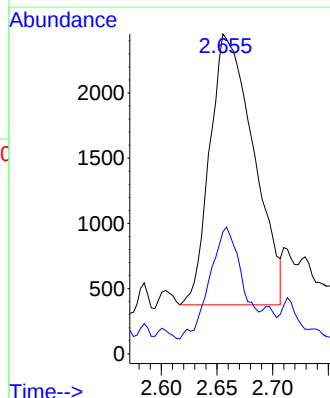
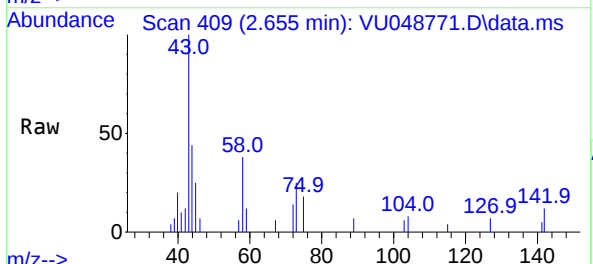
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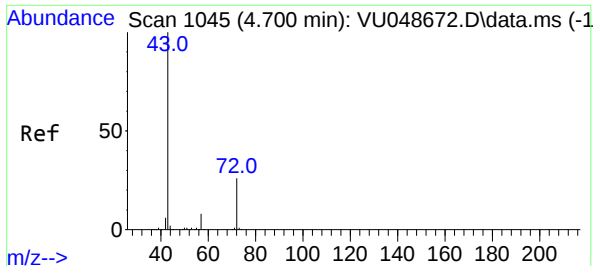
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#16
Acetone
Concen: 2.518 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.029 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

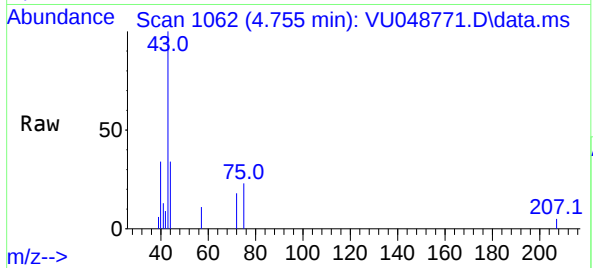
Tgt Ion: 43 Resp: 5658
Ion Ratio Lower Upper
43 100
58 39.5 26.3 39.5#





#25
2-Butanone
Concen: 2.108 ug/l m
RT: 4.755 min Scan# 110
Delta R.T. 0.055 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

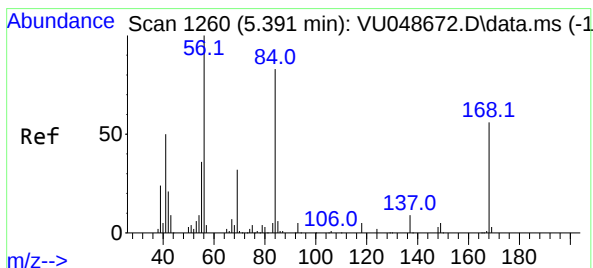
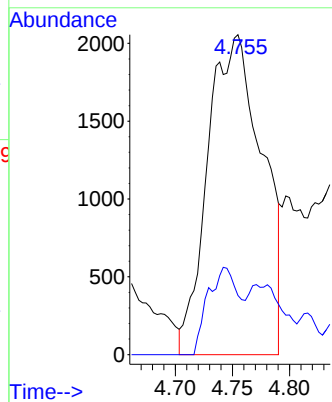
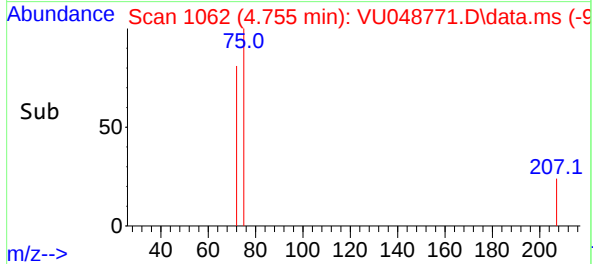
Instrument :
MSVOA_U
ClientSampleId :
SS-3



Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
72 18.5 21.1 31.7

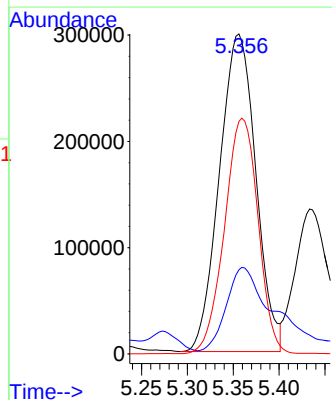
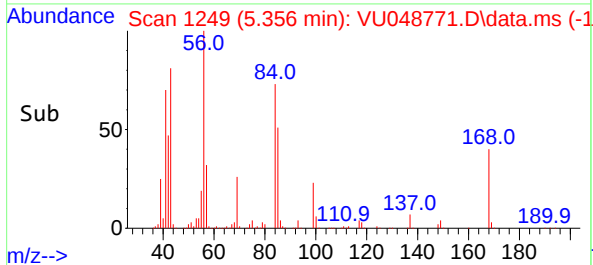
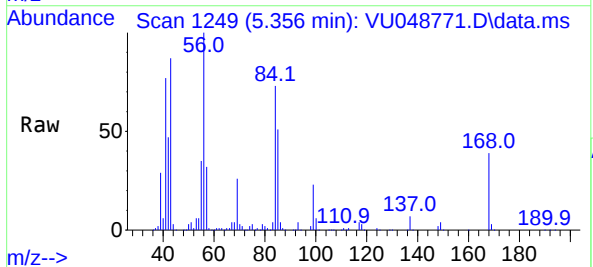
Manual Integrations
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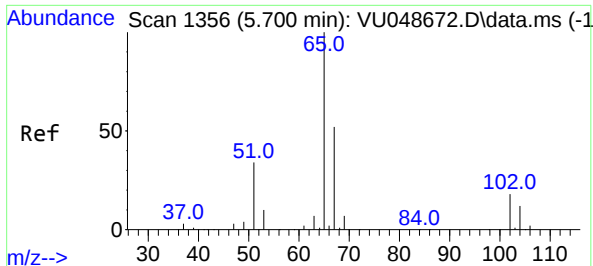
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#31
Cyclohexane
Concen: 148.597 ug/l
RT: 5.356 min Scan# 1249
Delta R.T. -0.035 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

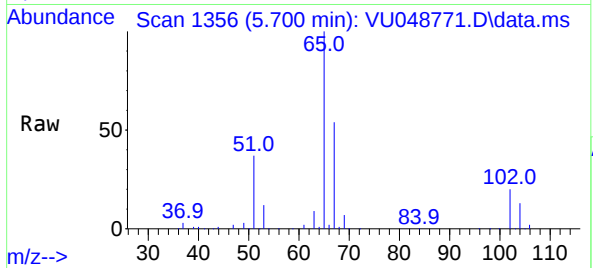
Tgt Ion: 56 Resp: 825581
Ion Ratio Lower Upper
56 100
69 22.5 25.6 38.4#
84 73.1 66.2 99.4





#33
1,2-Dichloroethane-d4
Concen: 45.756 ug/l
RT: 5.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

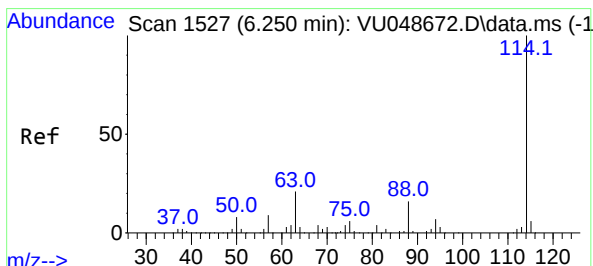
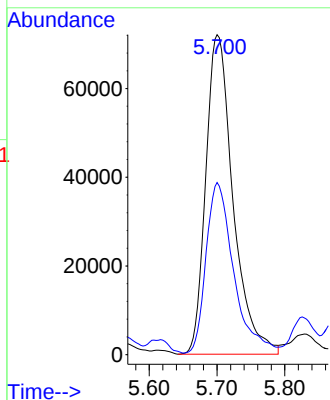
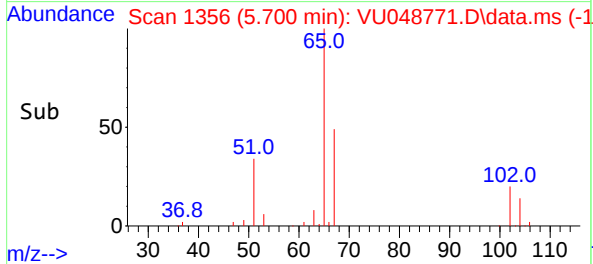
Instrument :
MSVOA_U
ClientSampleId :
SS-3



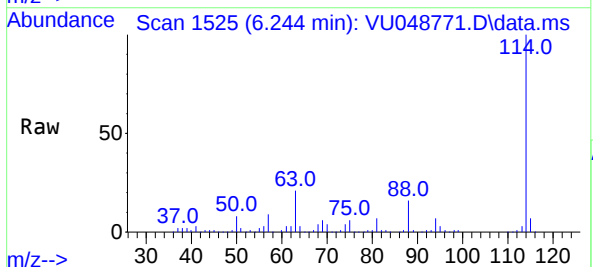
Tgt Ion: 65 Resp: 20172
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0

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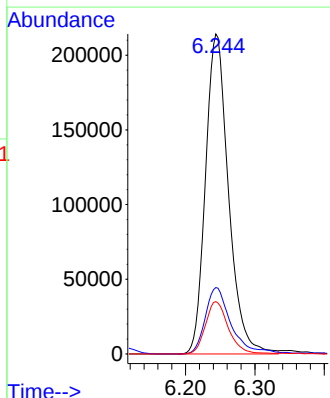
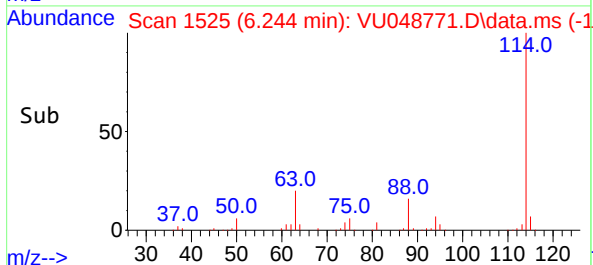
Reviewed By :John Carlone 06/01/2022
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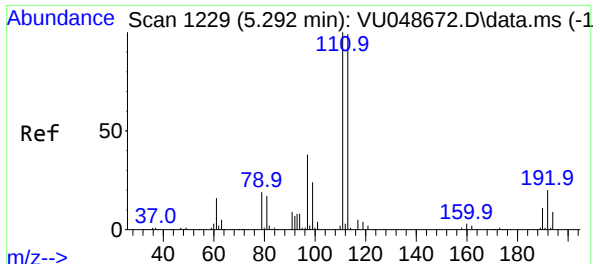


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.244 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57



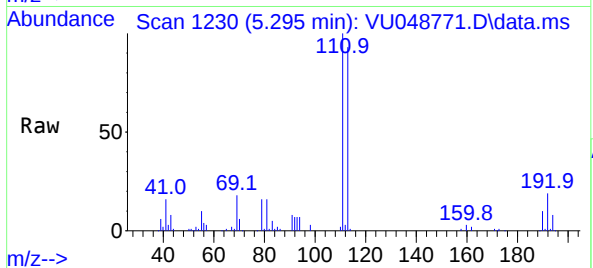
Tgt Ion:114 Resp: 493879
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.3 0.0 32.2





#35
Dibromofluoromethane
Concen: 44.185 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

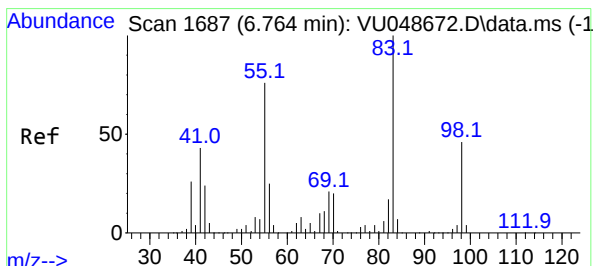
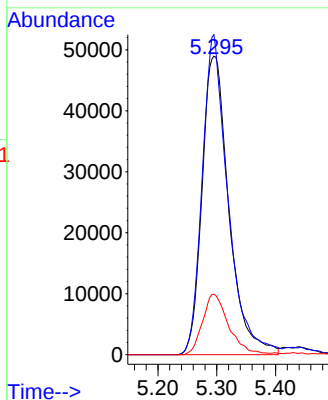
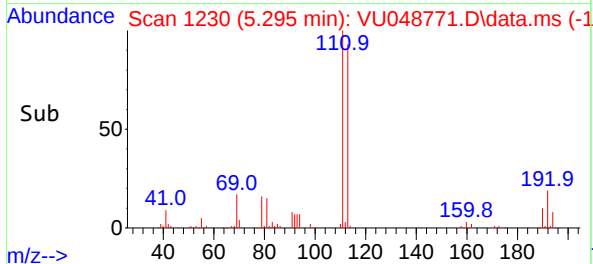
Instrument :
MSVOA_U
ClientSampleId :
SS-3



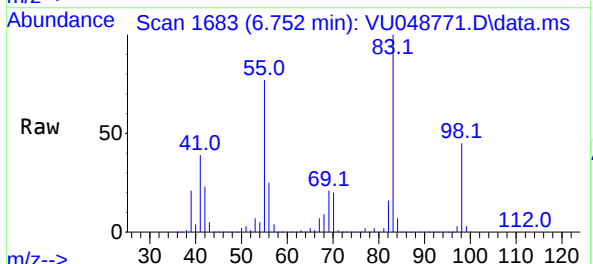
Tgt Ion:113 Resp: 155684
Ion Ratio Lower Upper
113 100
111 102.6 80.7 121.1
192 19.6 15.9 23.9

Manual Integrations
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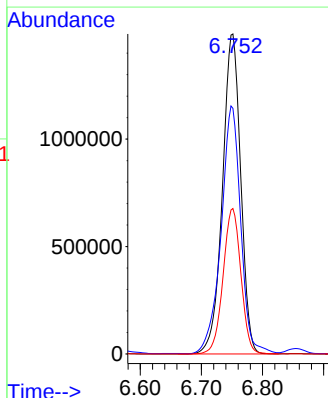
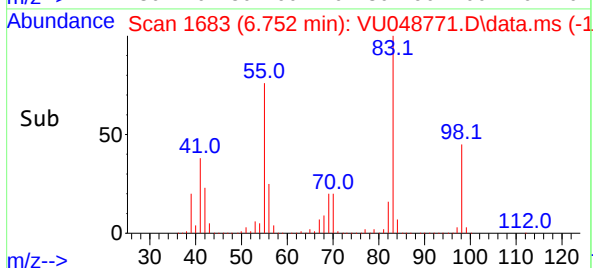
Reviewed By :John Carlone 06/01/2022
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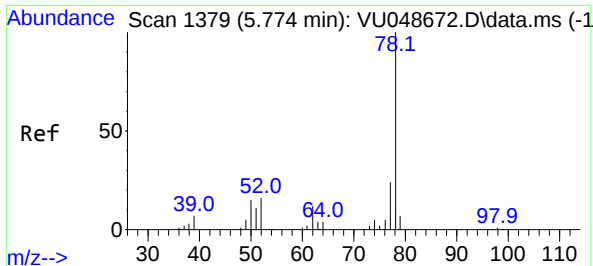


#39
Methylcyclohexane
Concen: 572.729 ug/l
RT: 6.752 min Scan# 1683
Delta R.T. -0.013 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57



Tgt Ion: 83 Resp: 3088139
Ion Ratio Lower Upper
83 100
55 76.6 61.0 91.6
98 45.5 36.8 55.2





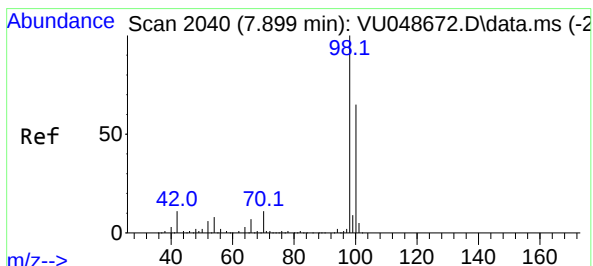
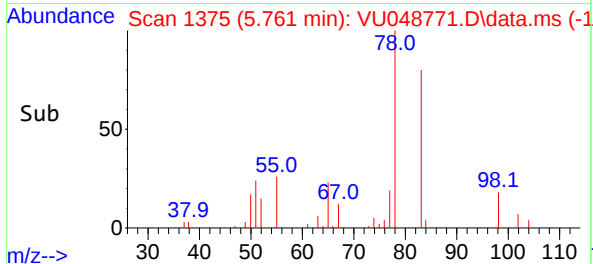
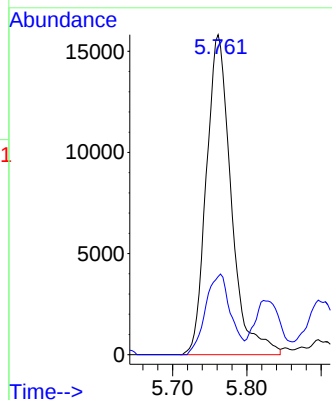
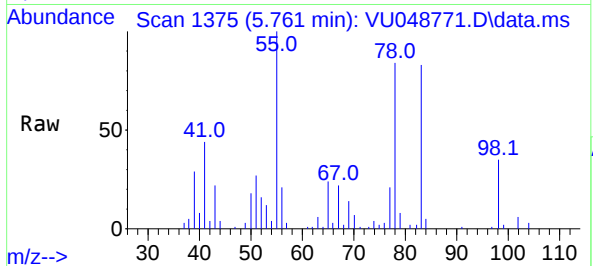
#40
Benzene
Concen: 2.420 ug/l
RT: 5.761 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 78 Resp: 3674
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

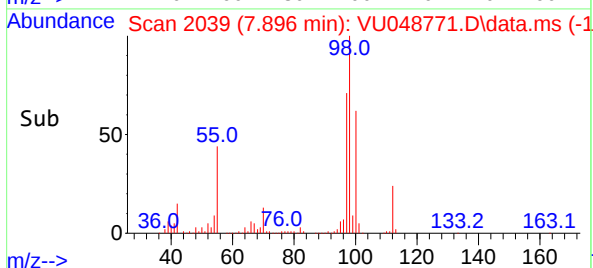
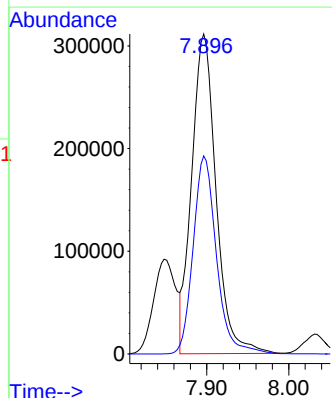
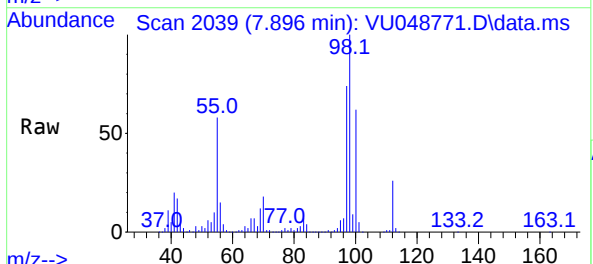
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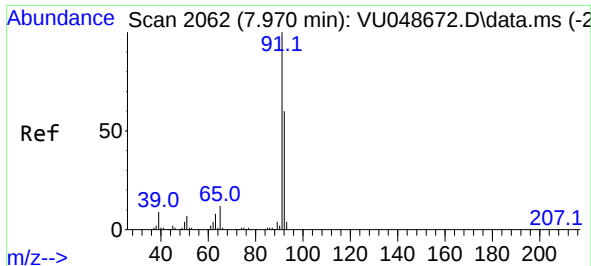
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#50
Toluene-d8
Concen: 50.766 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

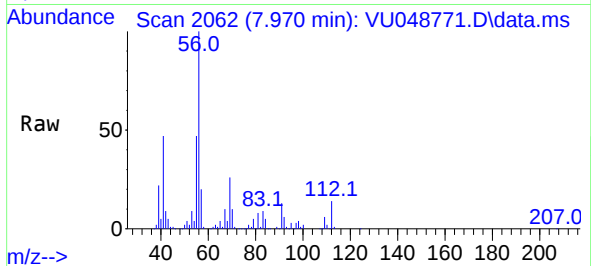
Tgt Ion: 98 Resp: 641186
Ion Ratio Lower Upper
98 100
100 59.5 52.2 78.4





#52
Toluene
Concen: 1.586 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

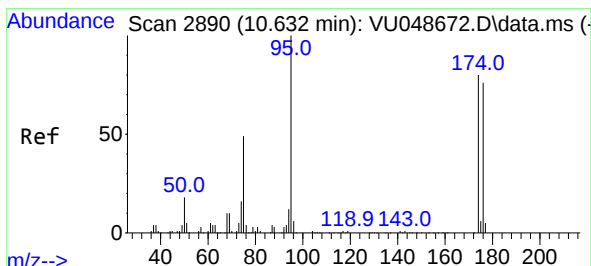
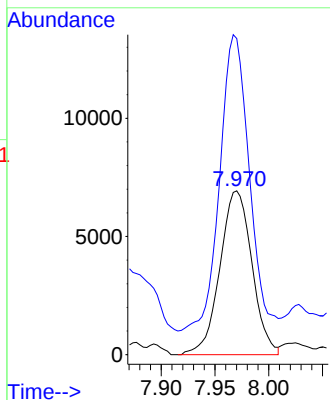
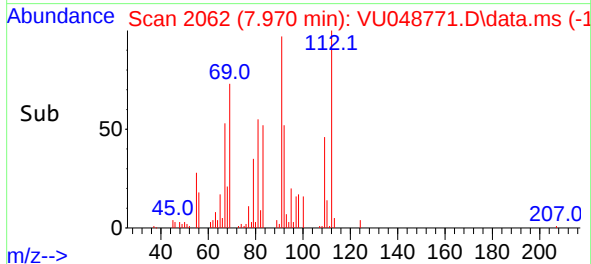
Instrument :
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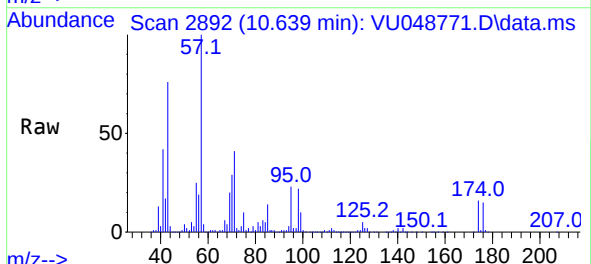
Tgt Ion: 92 Resp: 1440
Ion Ratio Lower Upper
92 100
91 163.3 135.0 202.4

Manual Integrations
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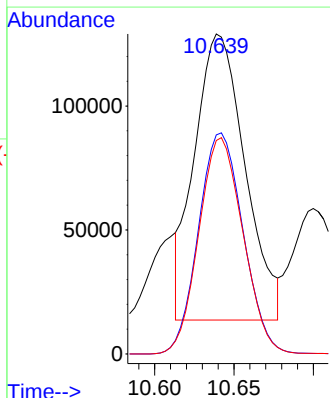
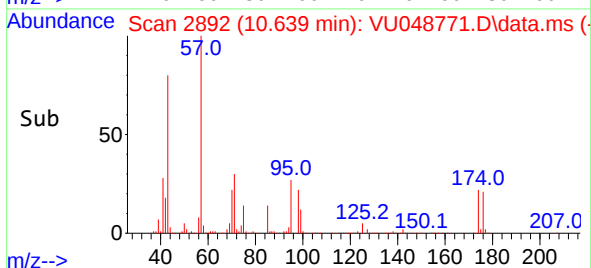
Reviewed By :John Carlone 06/01/2022
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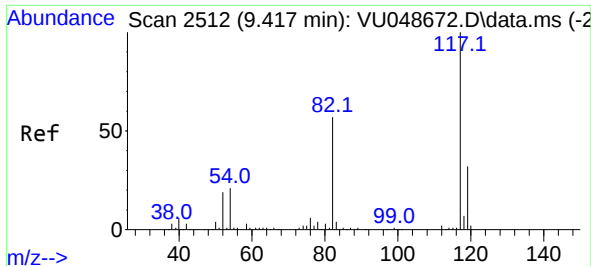


#62
4-Bromofluorobenzene
Concen: 53.413 ug/l m
RT: 10.639 min Scan# 2892
Delta R.T. 0.007 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57



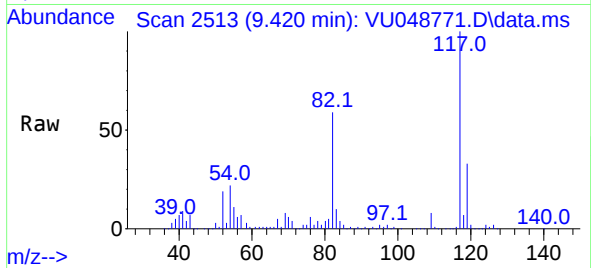
Tgt Ion: 95 Resp: 255135
Ion Ratio Lower Upper
95 100
174 68.5 0.0 159.4
176 66.3 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

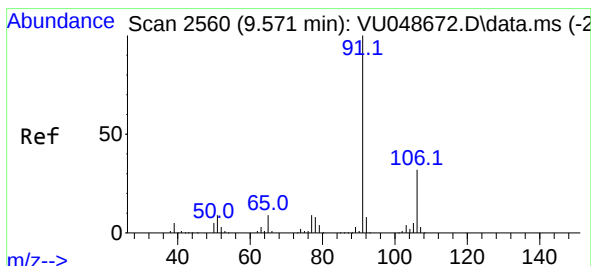
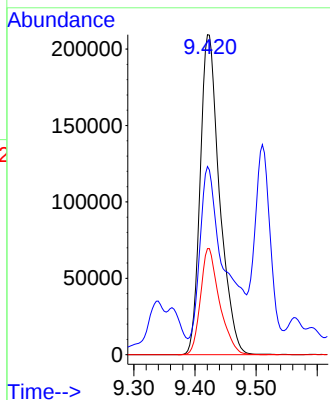
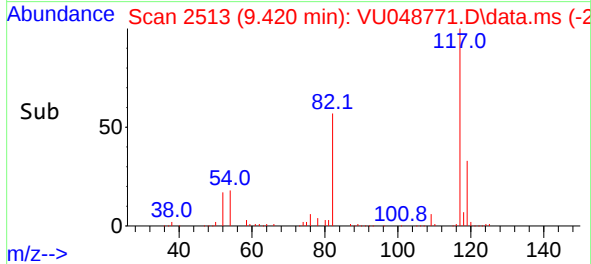
Instrument :
MSVOA_U
ClientSampleId :
SS-3



Tgt Ion:117 Resp: 461318
Ion Ratio Lower Upper
117 100
82 48.5 45.3 67.9
119 33.2 25.4 38.2

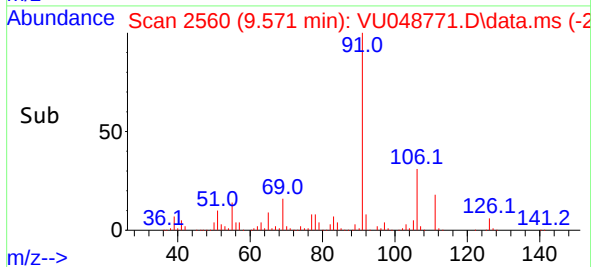
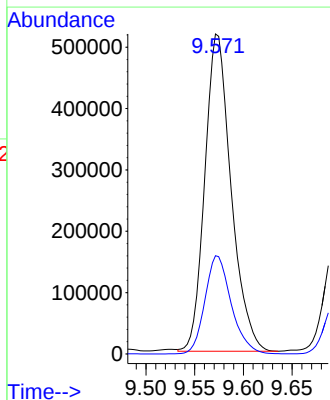
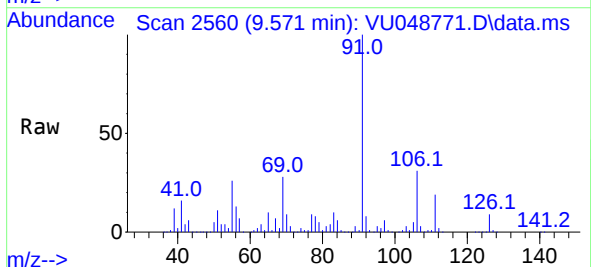
Manual Integrations
APPROVED

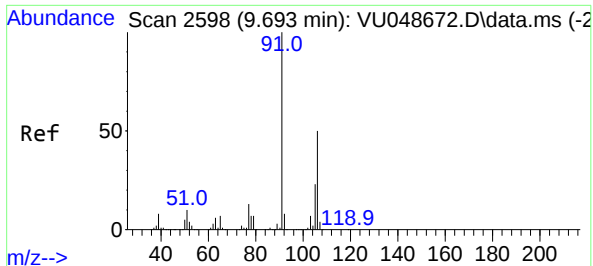
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#67
Ethyl Benzene
Concen: 58.920 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 91 Resp: 969594
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2





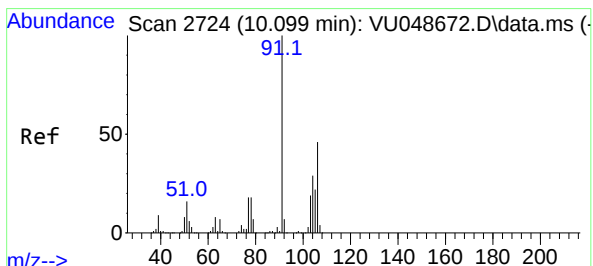
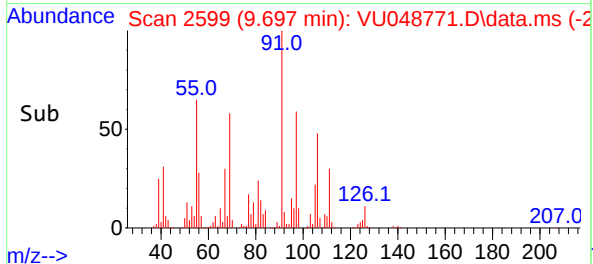
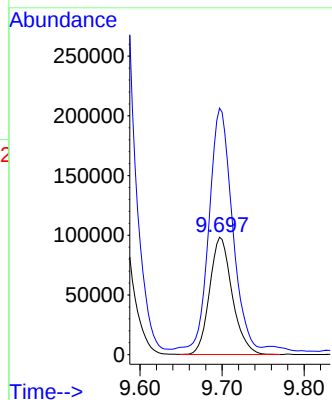
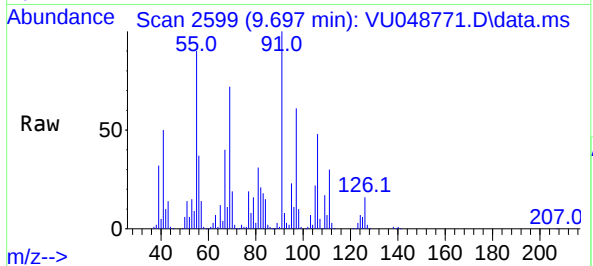
#68
m/p-Xylenes
Concen: 29.262 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Instrument :
MSVOA_U
ClientSampleId :
SS-3

Tgt Ion:106 Resp: 188336
Ion Ratio Lower Upper
106 100
91 208.4 162.4 243.6

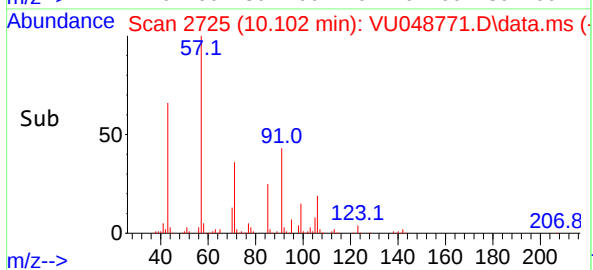
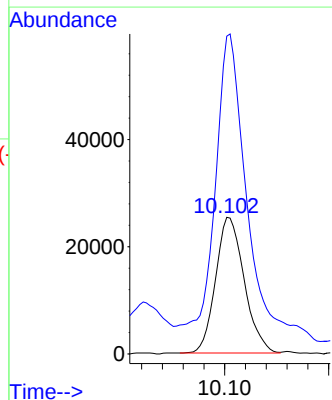
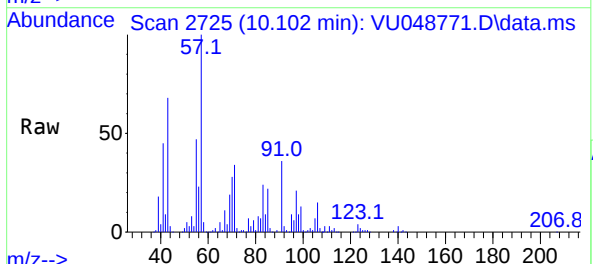
Manual Integrations
APPROVED

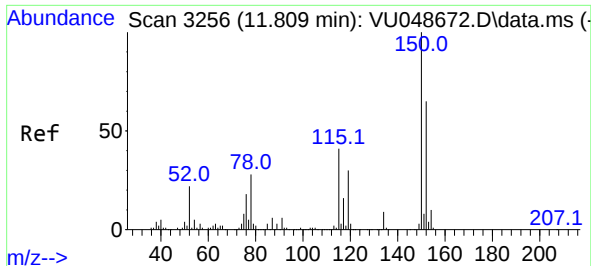
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#69
o-Xylene
Concen: 7.646 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

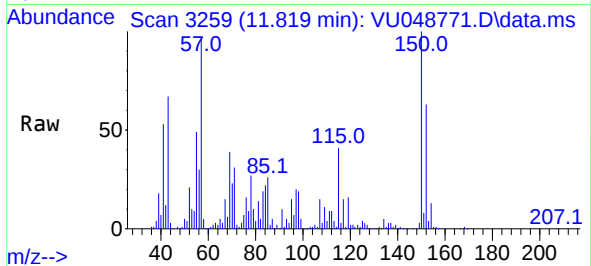
Tgt Ion:106 Resp: 48349
Ion Ratio Lower Upper
106 100
91 248.7 107.7 323.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 31
Delta R.T. 0.010 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

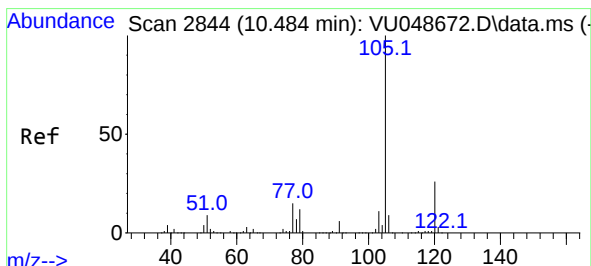
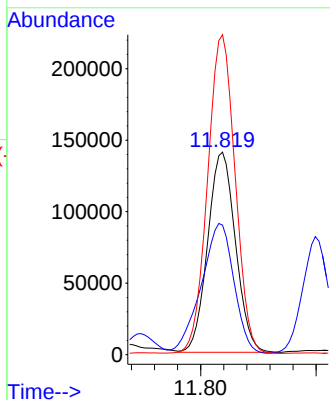
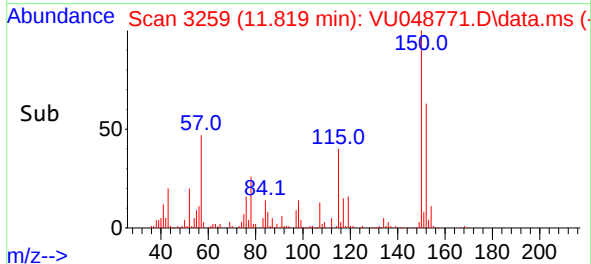
Instrument :
MSVOA_U
ClientSampleId :
SS-3



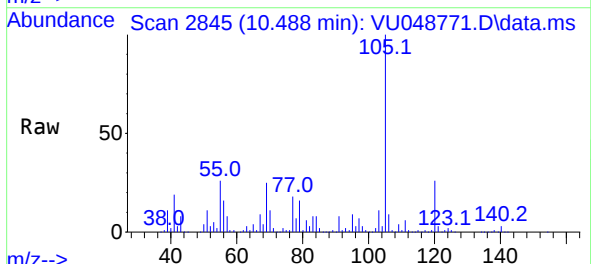
Tgt Ion:152 Resp: 23432
Ion Ratio Lower Upper
152 100
115 77.0 41.8 125.4
150 157.5 0.0 341.0

Manual Integrations
APPROVED

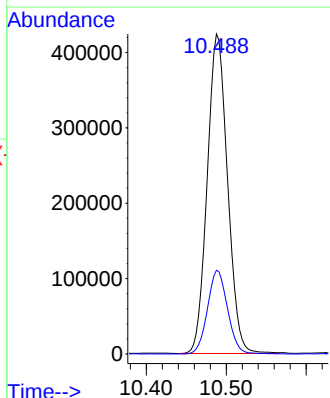
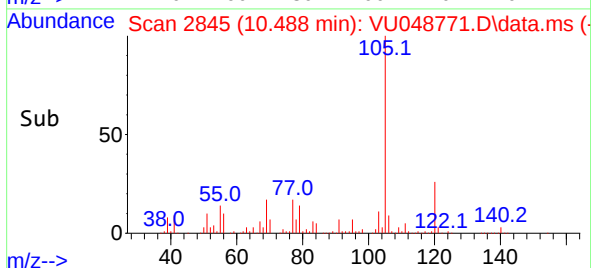
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

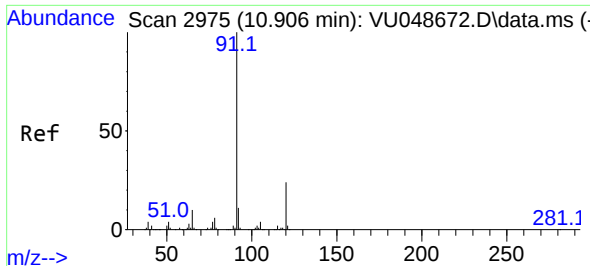


#73
Isopropylbenzene
Concen: 49.538 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57



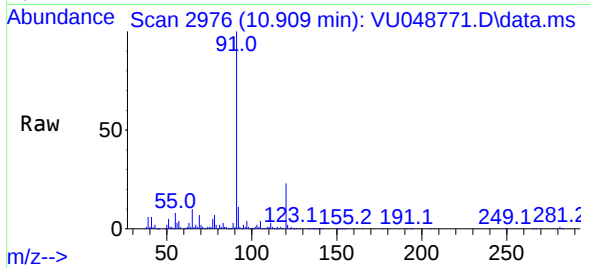
Tgt Ion:105 Resp: 749409
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6





#78
n-propylbenzene
Concen: 90.357 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

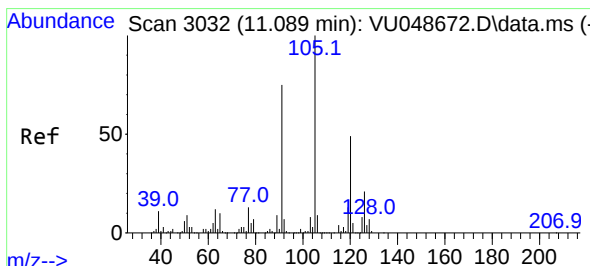
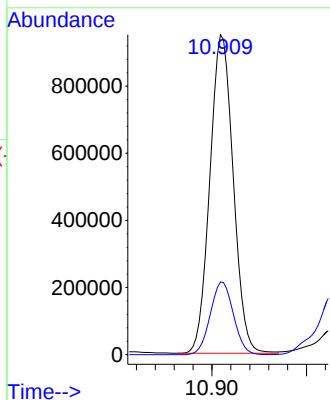
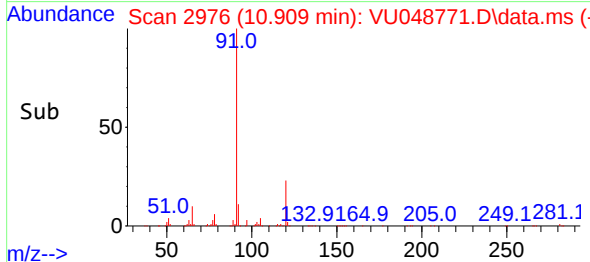
Instrument :
MSVOA_U
ClientSampleId :
SS-3



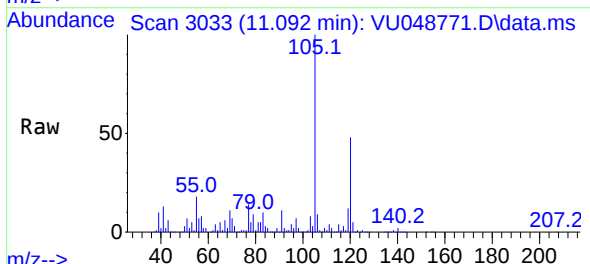
Tgt Ion: 91 Resp: 162880
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7

Manual Integrations
APPROVED

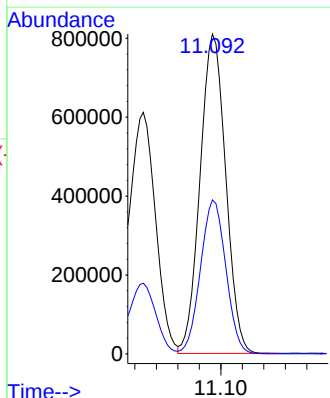
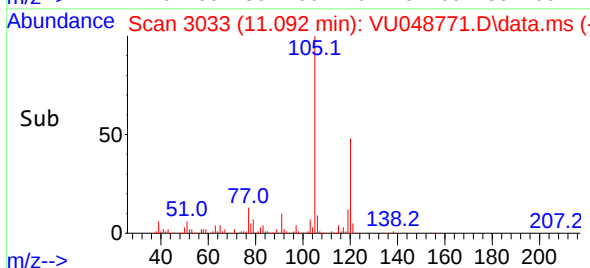
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

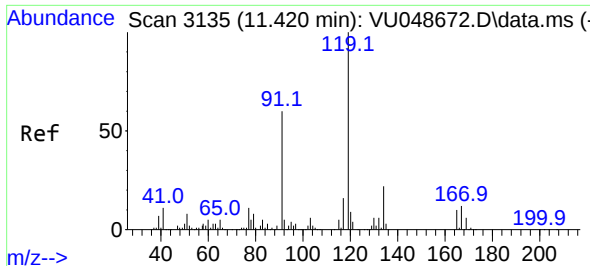


#80
1,3,5-Trimethylbenzene
Concen: 101.692 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57



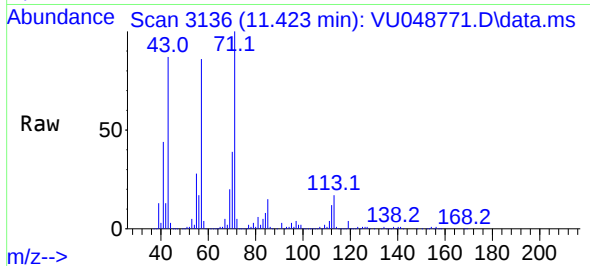
Tgt Ion:105 Resp: 1337835
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#83
tert-Butylbenzene
Concen: 3.096 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

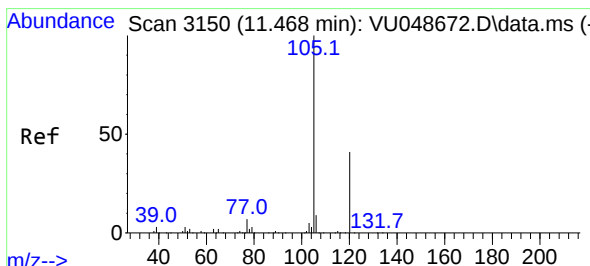
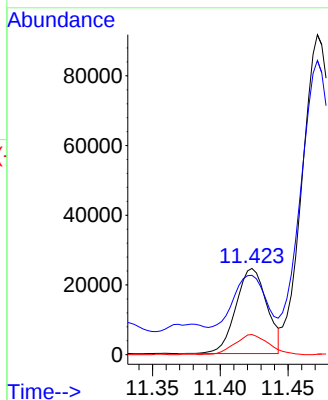
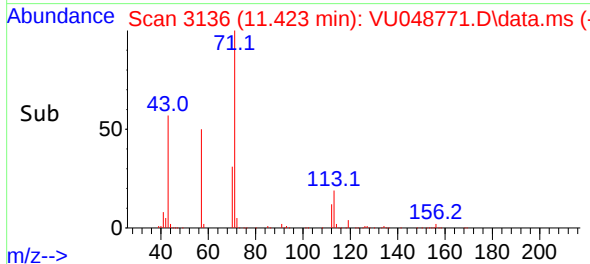
Instrument :
MSVOA_U
ClientSampleId :
SS-3



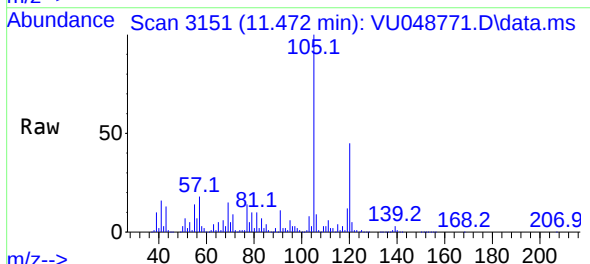
Tgt Ion:119 Resp: 39089
Ion Ratio Lower Upper
119 100
91 60.4 28.7 86.1
134 25.6 10.8 32.4

Manual Integrations
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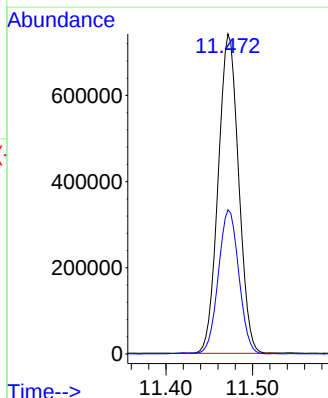
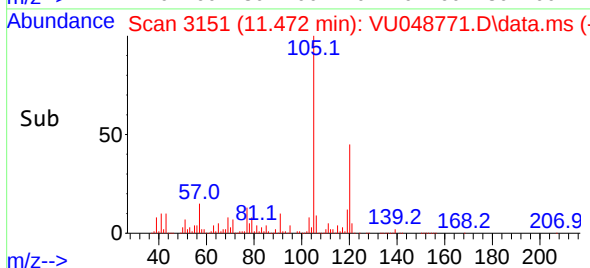
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

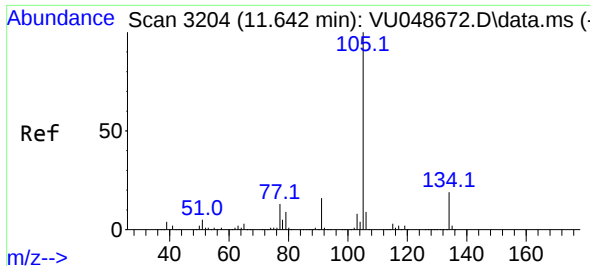


#84
1,2,4-Trimethylbenzene
Concen: 84.785 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57



Tgt Ion:105 Resp: 1214096
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





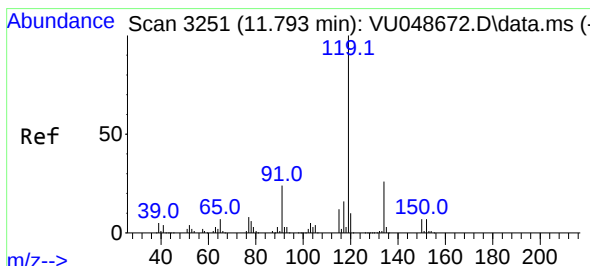
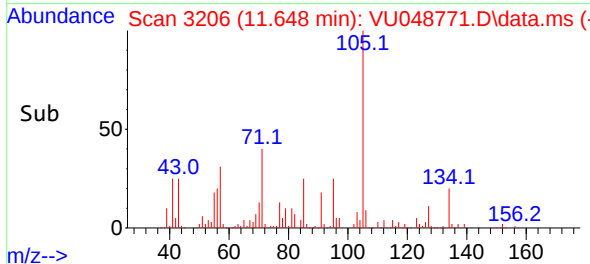
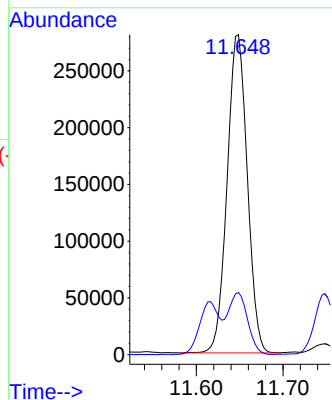
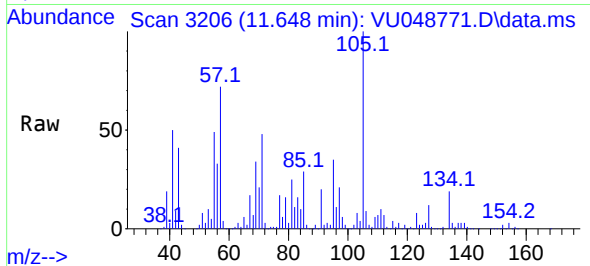
#85
 sec-Butylbenzene
 Concen: 28.666 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VU048771.D
 Acq: 01 Jun 2022 04:57

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-3

Tgt Ion:105 Resp: 452800
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.6 28.6

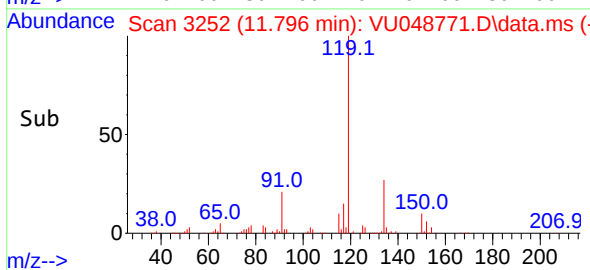
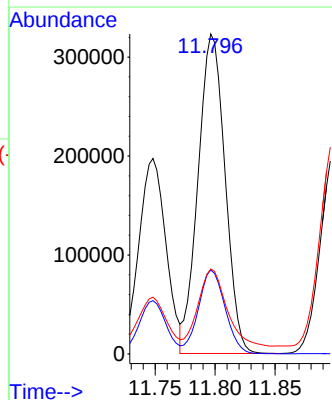
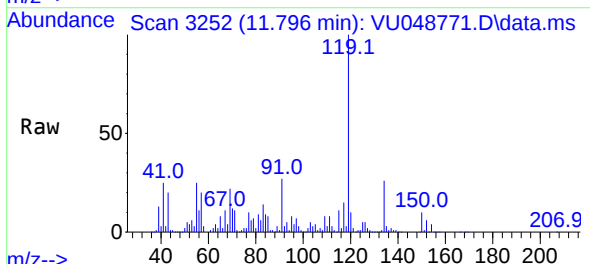
Manual Integrations
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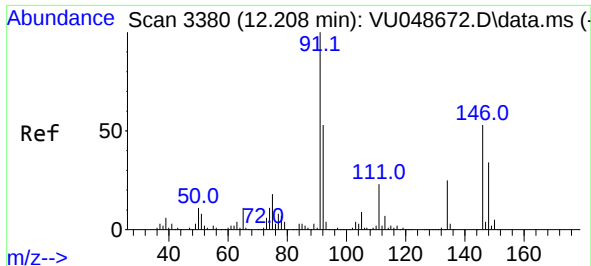
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/02/2022



#86
 p-Isopropyltoluene
 Concen: 37.187 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU048771.D
 Acq: 01 Jun 2022 04:57

Tgt Ion:119 Resp: 504451
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 26.3 12.0 36.0





#89

n-Butylbenzene

Concen: 79.028 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

SS-3

Tgt Ion: 91 Resp: 109105

Ion Ratio Lower Upper

91 100

92 34.2 25.9 77.8

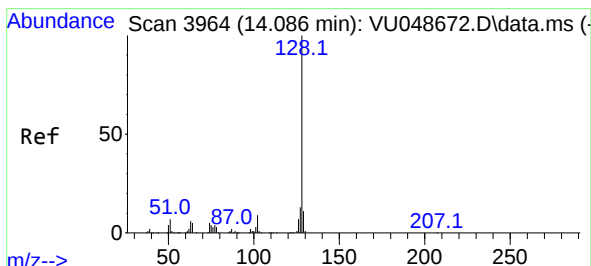
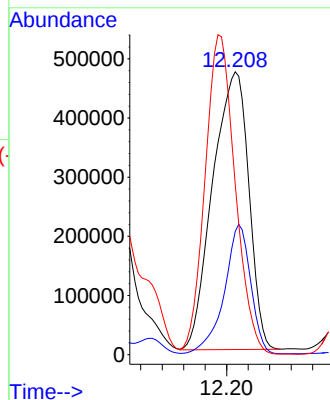
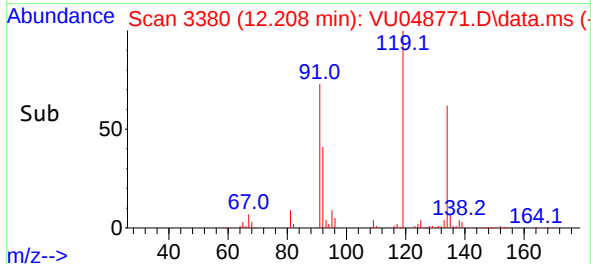
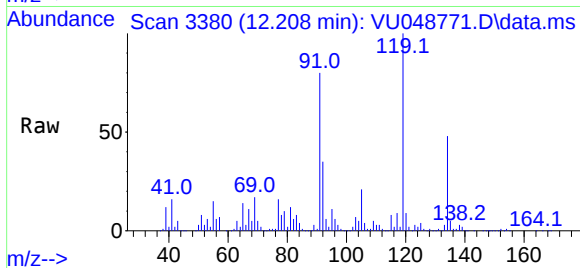
134 96.4 12.5 37.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/02/2022



#95

Naphthalene

Concen: 150.155 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Tgt Ion:128 Resp: 2868129

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.3 8.7 13.1

