

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048770.D
 Acq On : 01 Jun 2022 04:33
 Operator : SY/MD
 Sample : N3075-02 20X
 Misc : 6.34g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-2

Quant Time: Jun 01 05:47:56 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	5.366	168	256545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	439416	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	410171	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	222531	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	192395	49.936	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.880%		
35) Dibromofluoromethane	5.292	113	147491	47.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.100%		
50) Toluene-d8	7.896	98	618595	55.048	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	110.100%		
62) 4-Bromofluorobenzene	10.645	95	234811m	55.251	ug/l	0.01
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.500%		
Target Compounds					Qvalue	
16) Acetone	2.668	43	6602	3.362	ug/l	97
31) Cyclohexane	5.362	56	4101354	844.693	ug/l #	92
39) Methylcyclohexane	6.758	83	9099988	1896.872	ug/l	98
40) Benzene	5.764	78	3875673	286.924	ug/l	99
52) Toluene	7.970	92	380708	47.120	ug/l	99
67) Ethyl Benzene	9.578	91	9158348	625.932	ug/l	99
68) m/p-Xylenes	9.703	106	4287427	749.216	ug/l	99
69) o-Xylene	10.105	106	358313	63.732	ug/l	96
73) Isopropylbenzene	10.491	105	1729559	120.388	ug/l	99
78) n-propylbenzene	10.912	91	3742385	218.611	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	5695057	455.840	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	15481348	1123.675	ug/l	97
85) sec-Butylbenzene	11.651	105	668469	44.562	ug/l	97
86) p-Isopropyltoluene	11.799	119	925530	71.846	ug/l	97
89) n-Butylbenzene	12.205	91	1936592m	145.809	ug/l	
95) Naphthalene	14.089	128	4918480	269.106	ug/l	99

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

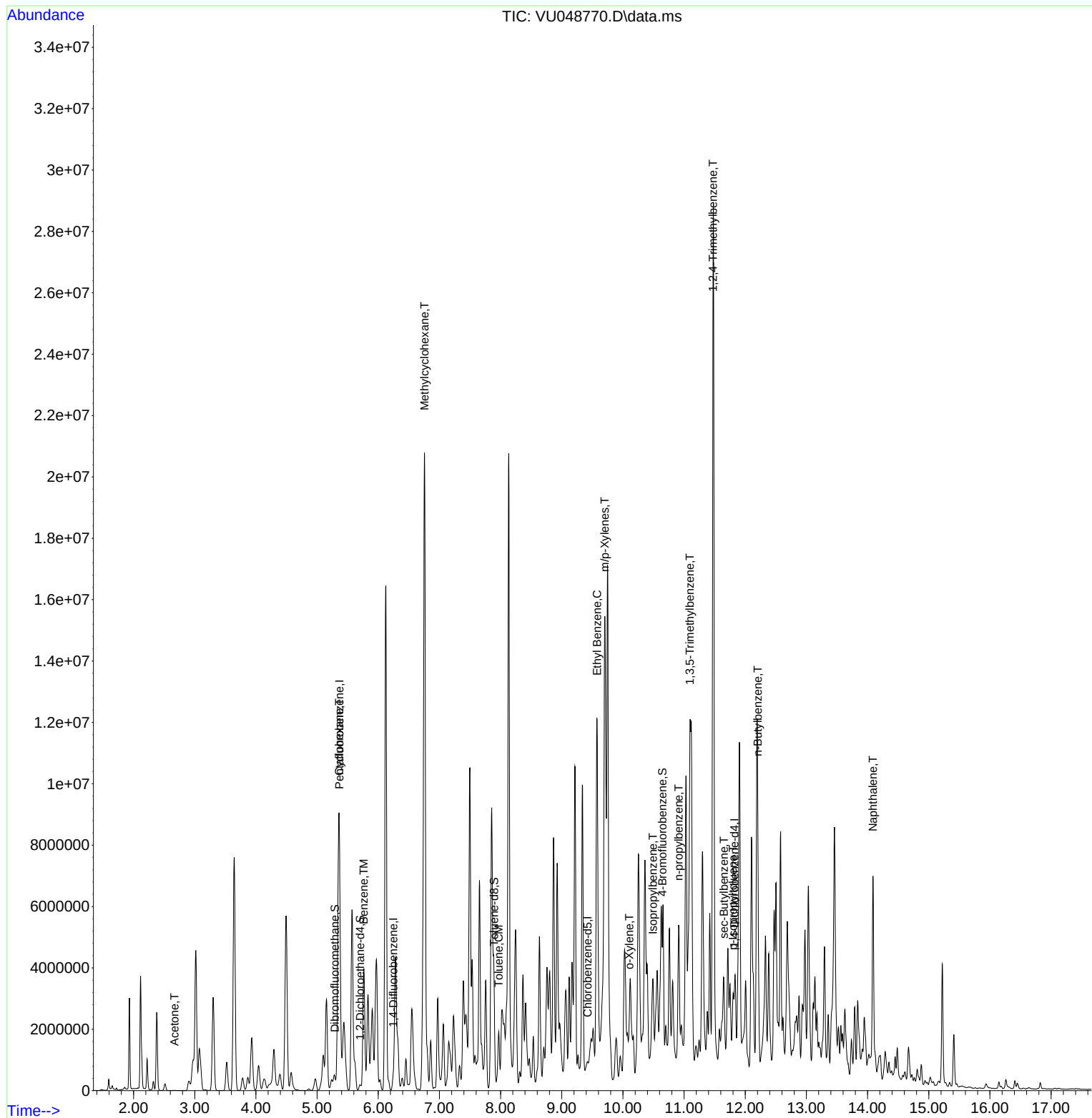
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048770.D
Acq On : 01 Jun 2022 04:33
Operator : SY/MD
Sample : N3075-02 20X
Misc : 6.34g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 46 Sample Multiplier: 1

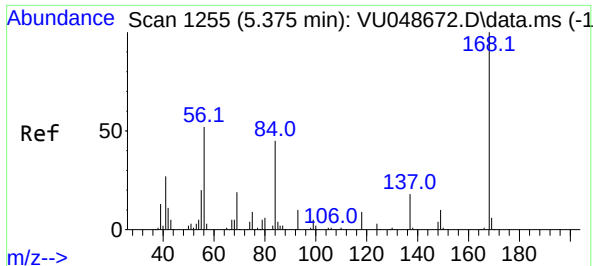
Instrument :
MSVOA_U
ClientSampleId :
SS-2

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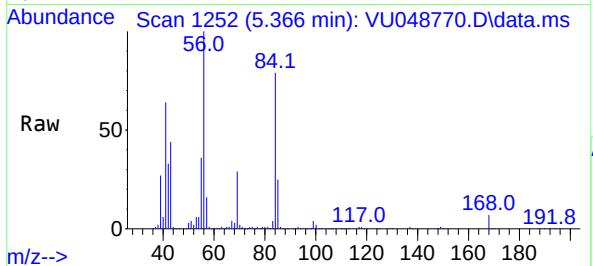
Quant Time: Jun 01 05:47:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

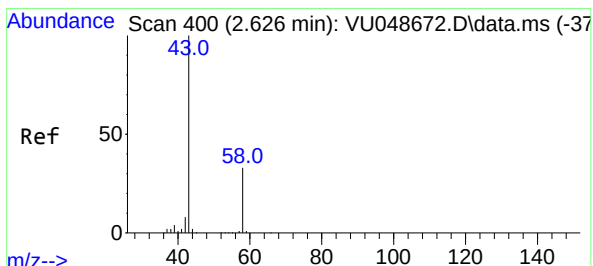
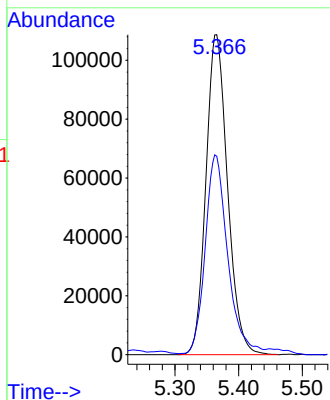
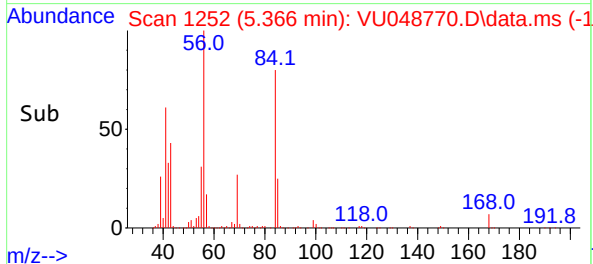
Instrument :
MSVOA_U
ClientSampleId :
SS-2



Tgt Ion:168 Resp: 25654
Ion Ratio Lower Upper
168 100
99 61.6 49.3 73.9

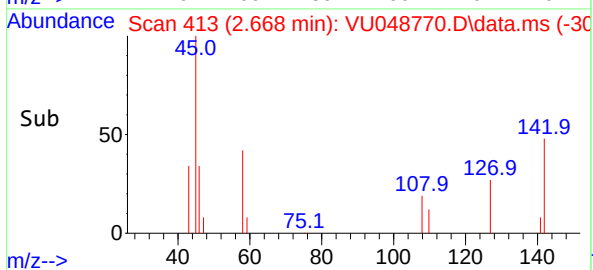
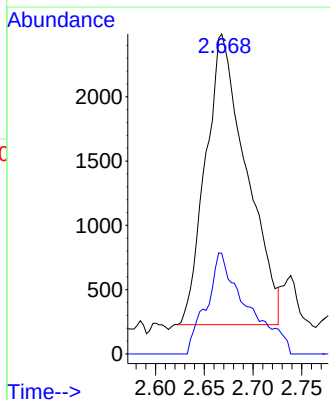
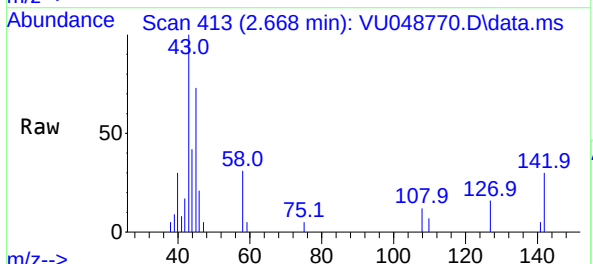
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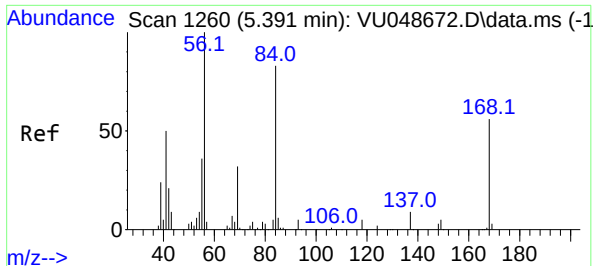
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#16
Acetone
Concen: 3.362 ug/l
RT: 2.668 min Scan# 413
Delta R.T. 0.042 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 43 Resp: 6602
Ion Ratio Lower Upper
43 100
58 34.6 26.3 39.5





#31

Cyclohexane

Concen: 844.693 ug/l

RT: 5.362 min Scan# 11

Delta R.T. -0.029 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

SS-2

Tgt Ion: 56 Resp: 4101354

Ion Ratio Lower Upper

56 100

69 24.8 25.6 38.4

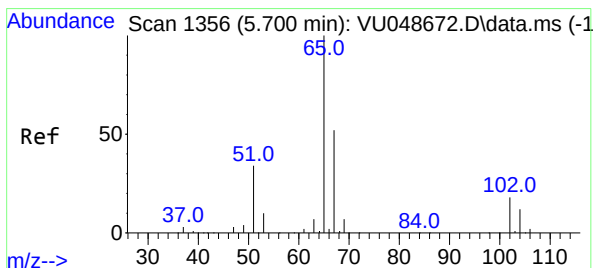
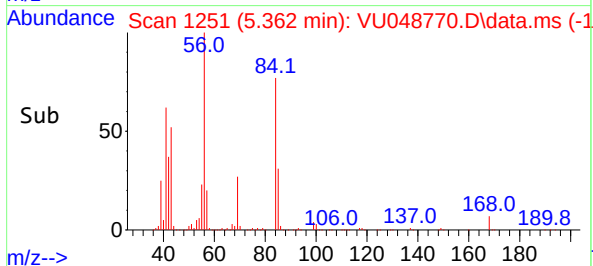
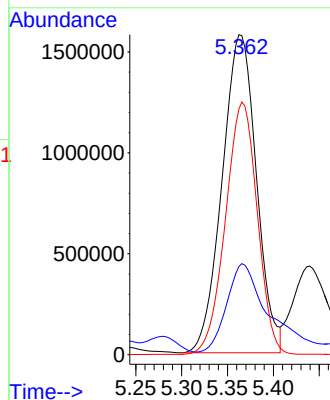
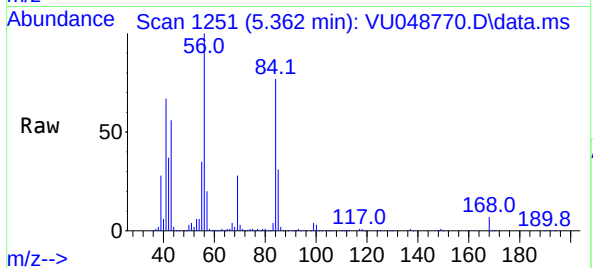
84 77.2 66.2 99.4

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 49.936 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048770.D

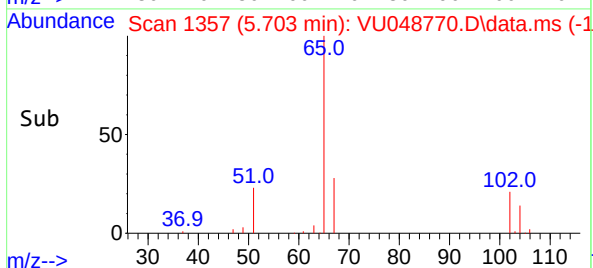
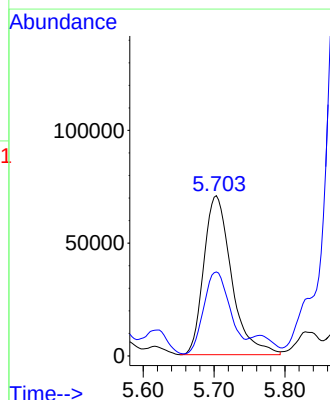
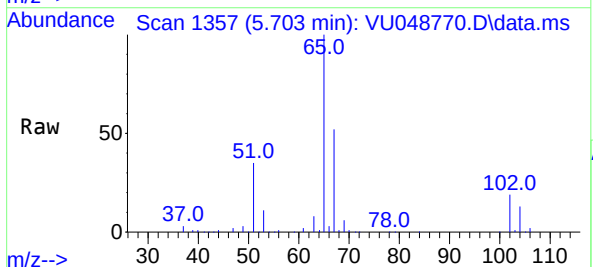
Acq: 01 Jun 2022 04:33

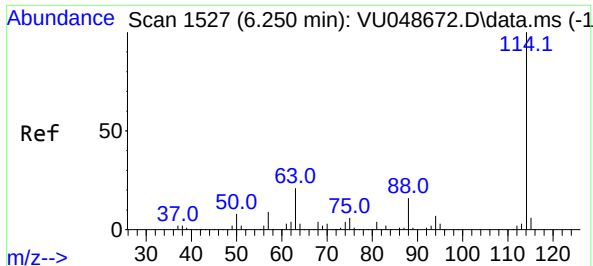
Tgt Ion: 65 Resp: 192395

Ion Ratio Lower Upper

65 100

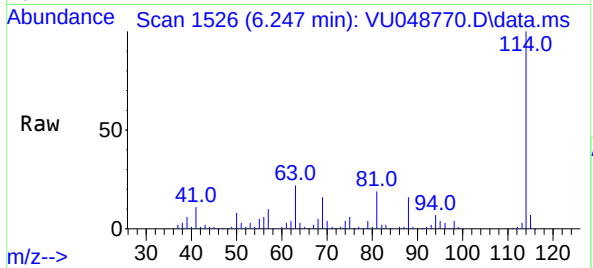
67 48.7 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

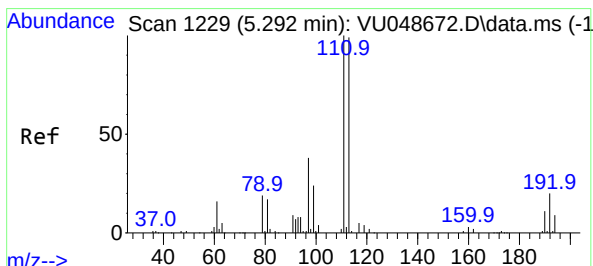
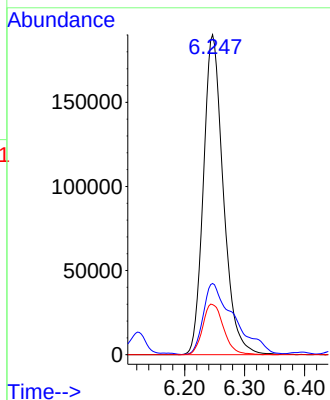
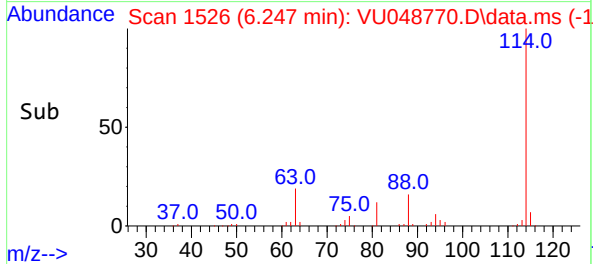
Instrument :
MSVOA_U
ClientSampleId :
SS-2



Tgt Ion:114 Resp: 439410
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.6
88 15.7 0.0 32.2

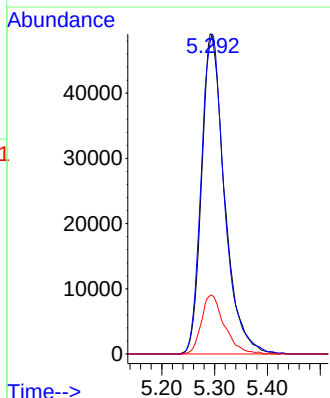
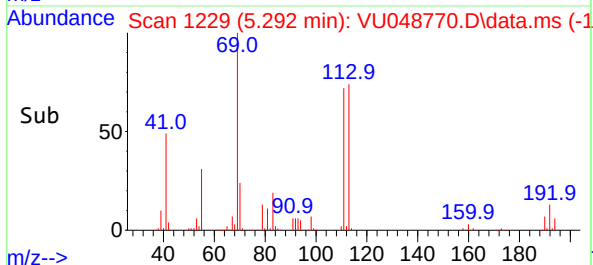
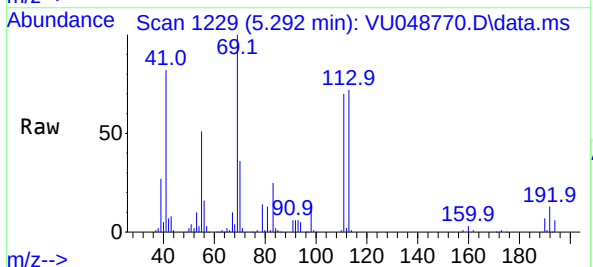
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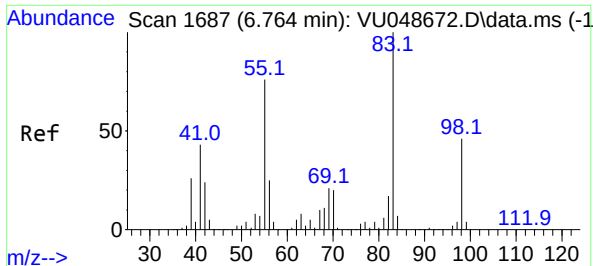
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#35
Dibromofluoromethane
Concen: 47.048 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

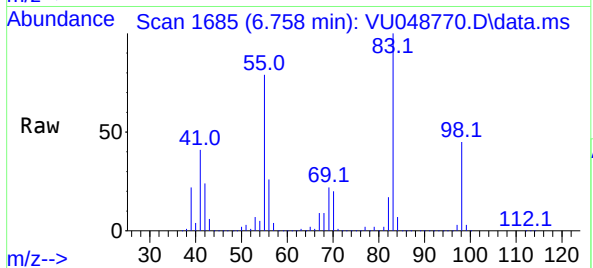
Tgt Ion:113 Resp: 147491
Ion Ratio Lower Upper
113 100
111 101.5 80.7 121.1
192 18.5 15.9 23.9





#39
Methylcyclohexane
Concen: 1896.872 ug/l
RT: 6.758 min Scan# 10
Delta R.T. -0.007 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

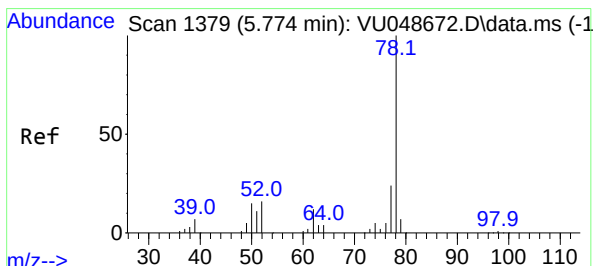
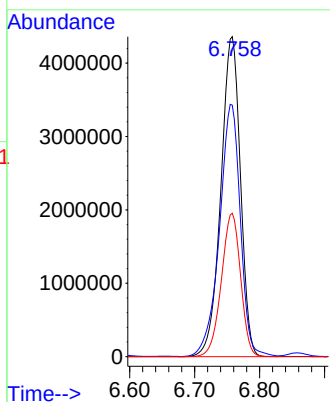
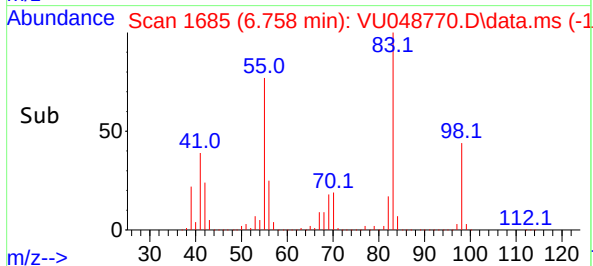
Instrument :
MSVOA_U
ClientSampleId :
SS-2



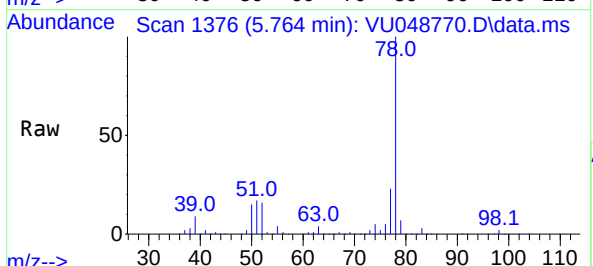
Tgt Ion: 83 Resp: 909998
Ion Ratio Lower Upper
83 100
55 78.5 61.0 91.6
98 44.8 36.8 55.2

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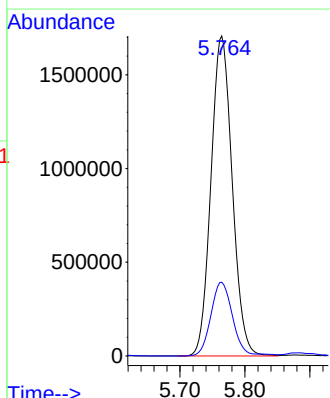
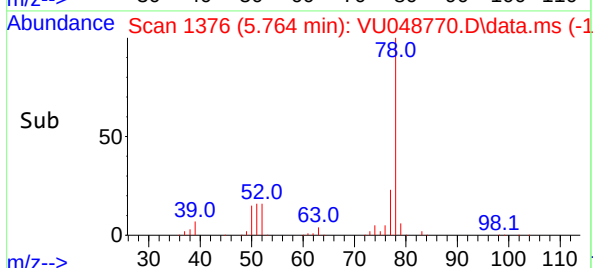
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

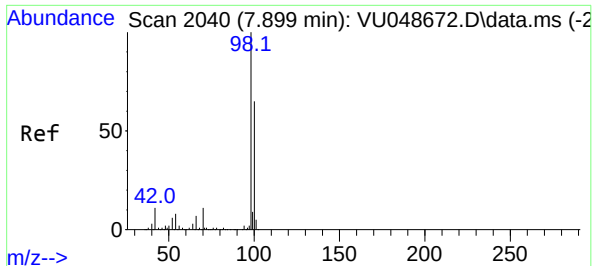


#40
Benzene
Concen: 286.924 ug/l
RT: 5.764 min Scan# 1376
Delta R.T. -0.010 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33



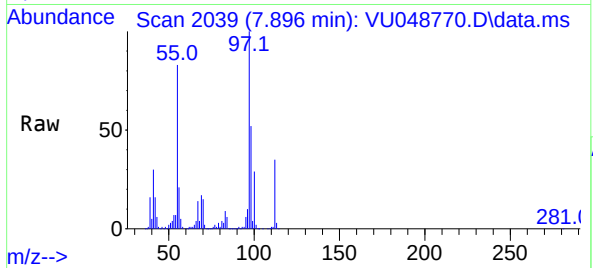
Tgt Ion: 78 Resp: 3875673
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6





#50
Toluene-d8
Concen: 55.048 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

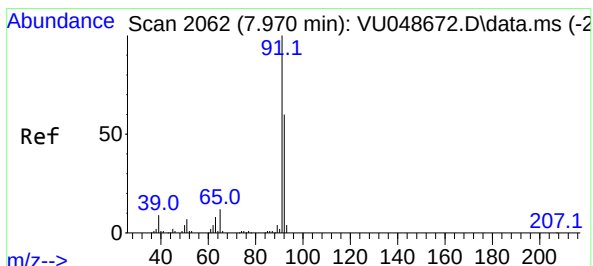
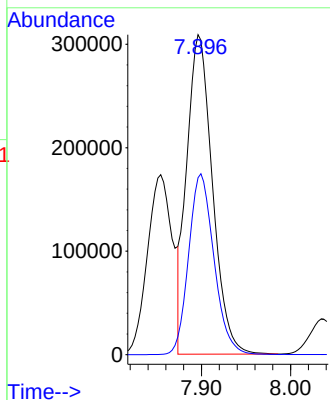
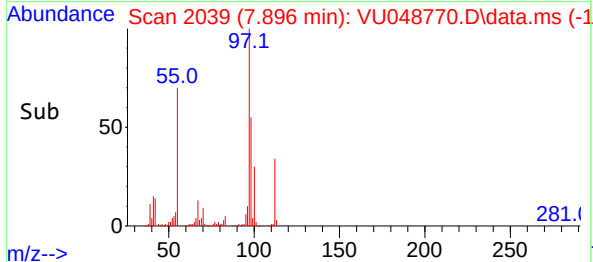
Instrument :
MSVOA_U
ClientSampleId :
SS-2



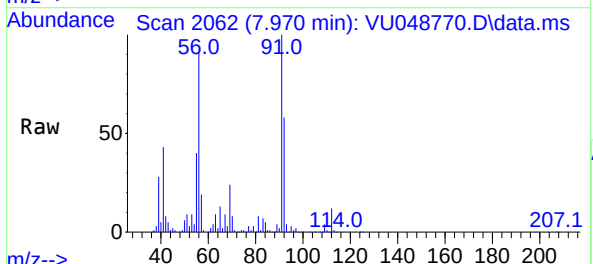
Tgt Ion: 98 Resp: 61859
Ion Ratio Lower Upper
98 100
100 56.0 52.2 78.4

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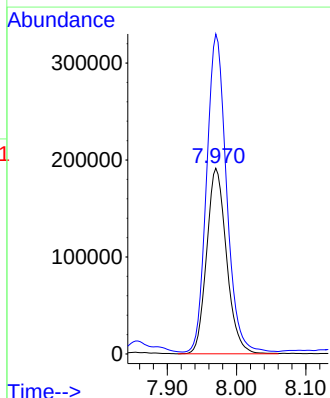
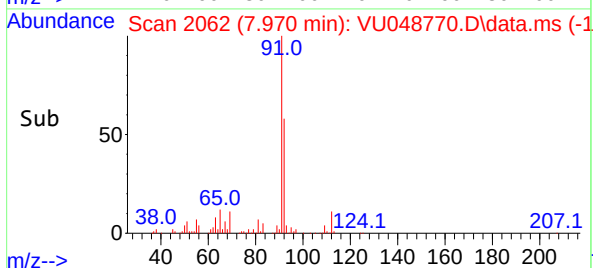
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

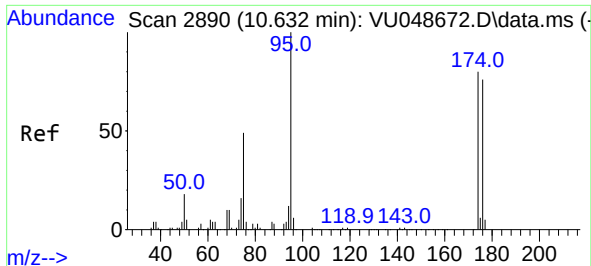


#52
Toluene
Concen: 47.120 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33



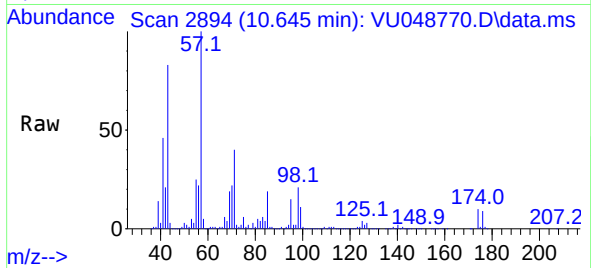
Tgt Ion: 92 Resp: 380708
Ion Ratio Lower Upper
92 100
91 170.7 135.0 202.4





#62
4-Bromofluorobenzene
Concen: 55.251 ug/l m
RT: 10.645 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

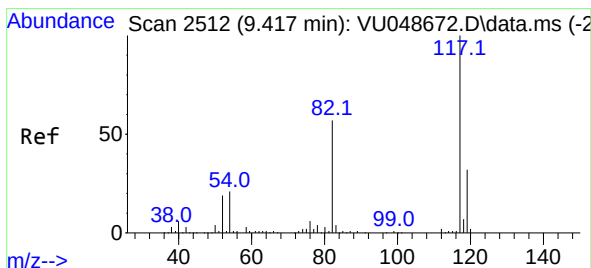
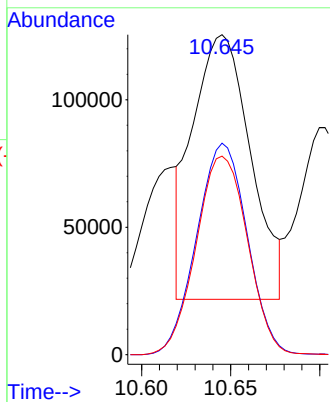
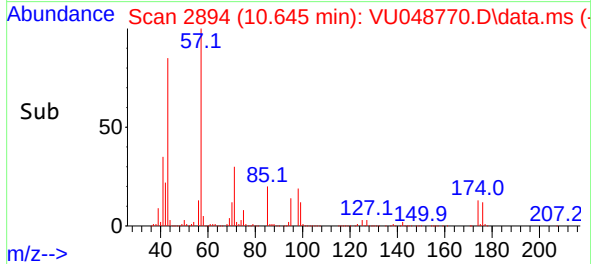
Instrument :
MSVOA_U
ClientSampleId :
SS-2



Tgt Ion: 95 Resp: 23481
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.4
176 66.7 0.0 152.4

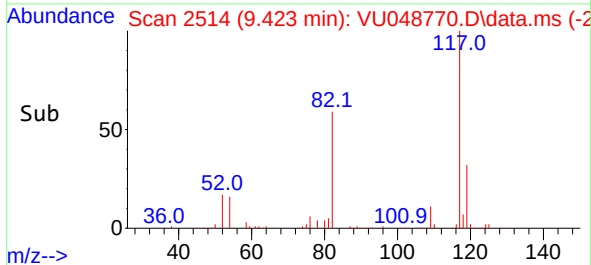
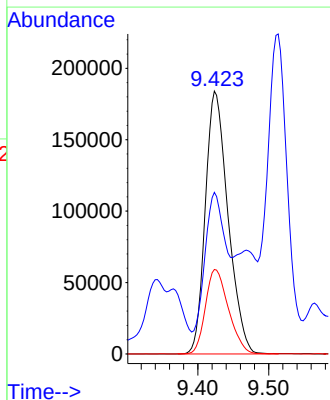
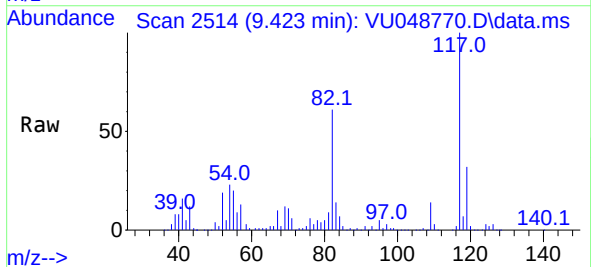
Manual Integrations
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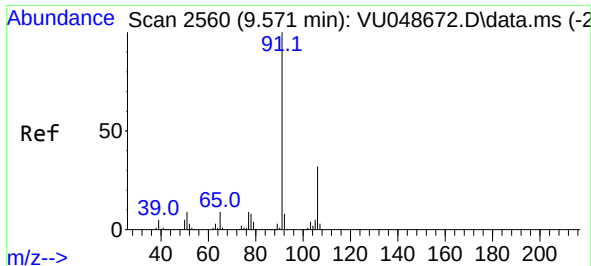
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion:117 Resp: 410171
Ion Ratio Lower Upper
117 100
82 39.0 45.3 67.9#
119 32.1 25.4 38.2





#67

Ethyl Benzene

Concen: 625.932 ug/l

RT: 9.578 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

SS-2

Tgt Ion: 91 Resp: 915834

Ion Ratio Lower Upper

91 100

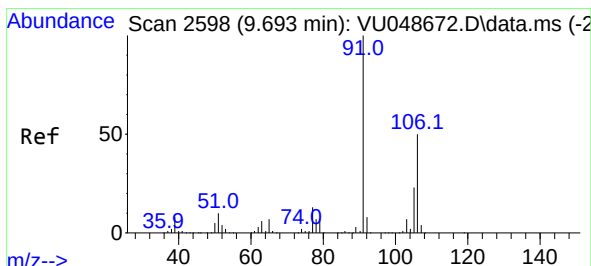
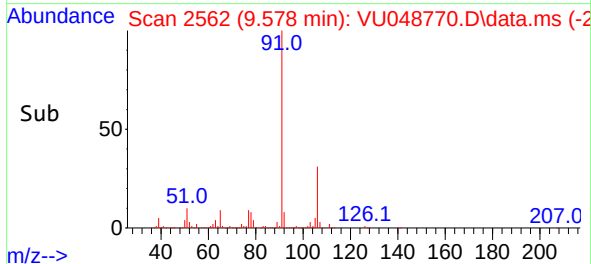
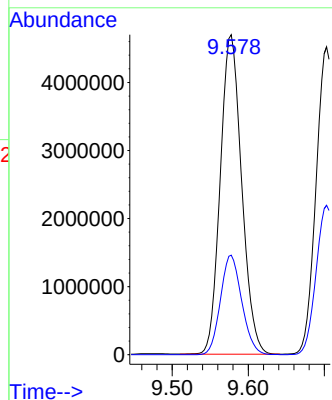
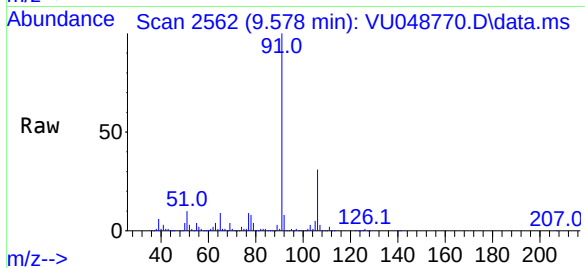
106 31.2 25.4 38.2

Manual Integrations

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Supervised By :Mahesh Dadoda 06/02/2022



#68

m/p-Xylenes

Concen: 749.216 ug/l

RT: 9.703 min Scan# 2601

Delta R.T. 0.010 min

Lab File: VU048770.D

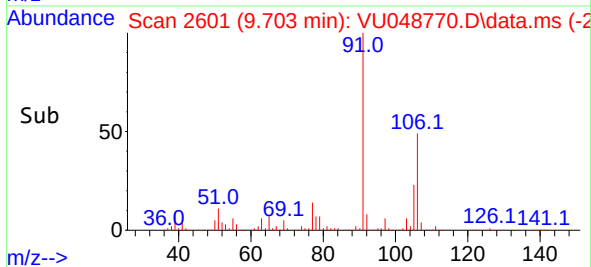
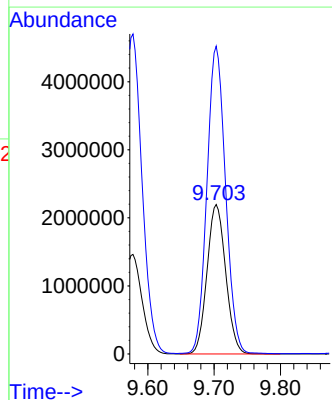
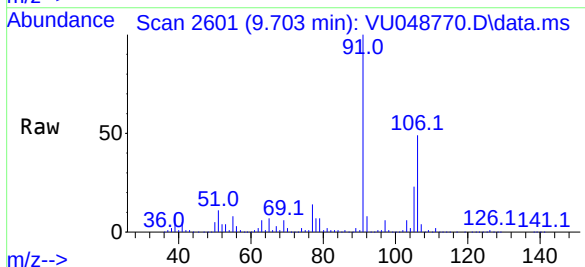
Acq: 01 Jun 2022 04:33

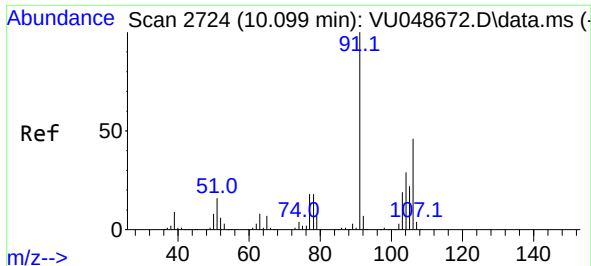
Tgt Ion:106 Resp: 4287427

Ion Ratio Lower Upper

106 100

91 205.0 162.4 243.6





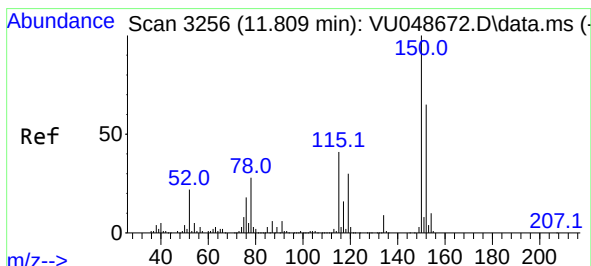
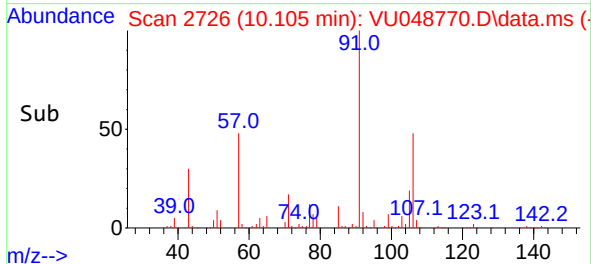
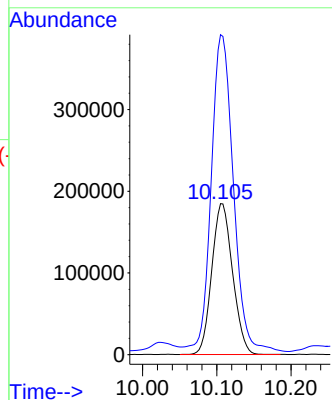
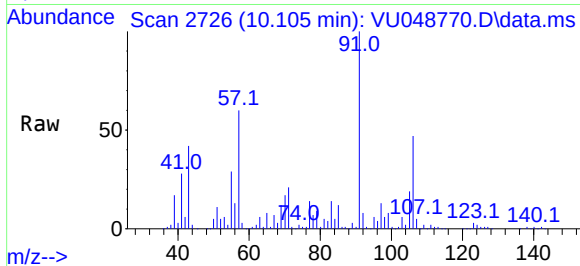
#69
o-Xylene
Concen: 63.732 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Instrument :
MSVOA_U
ClientSampleId :
SS-2

Tgt Ion:106 Resp: 35831
Ion Ratio Lower Upper
106 100
91 222.5 107.7 323.3

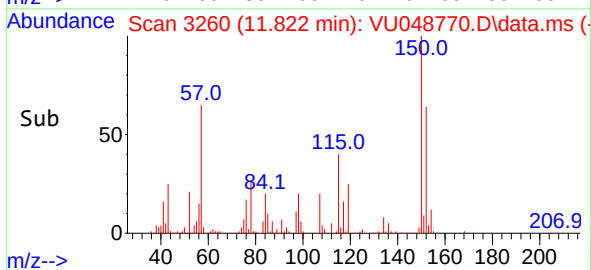
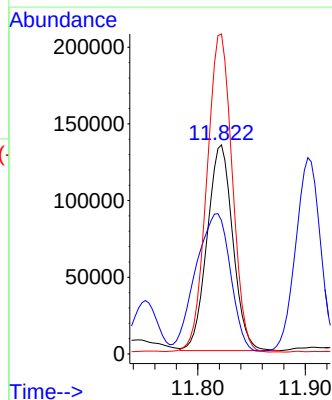
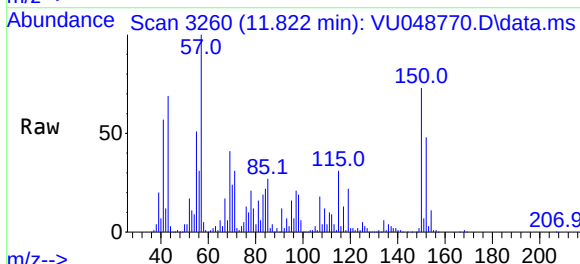
Manual Integrations
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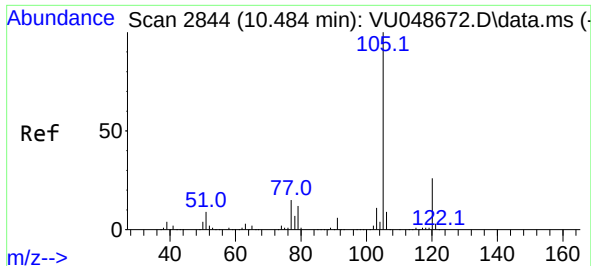
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.013 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

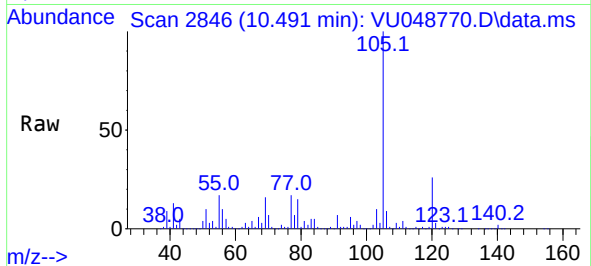
Tgt Ion:152 Resp: 222531
Ion Ratio Lower Upper
152 100
115 92.7 41.8 125.4
150 153.1 0.0 341.0





#73
Isopropylbenzene
Concen: 120.388 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

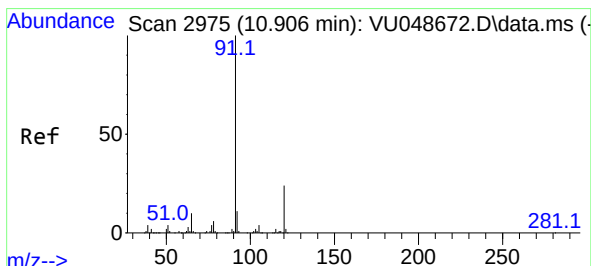
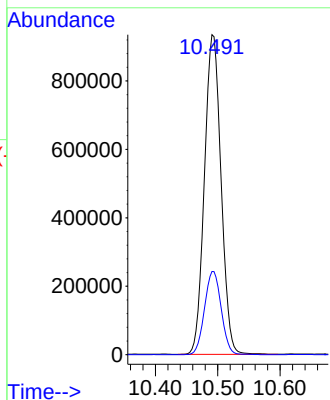
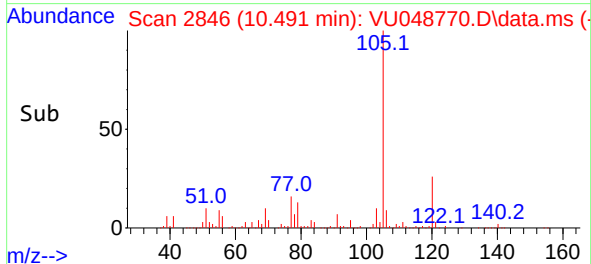
Instrument :
MSVOA_U
ClientSampleId :
SS-2



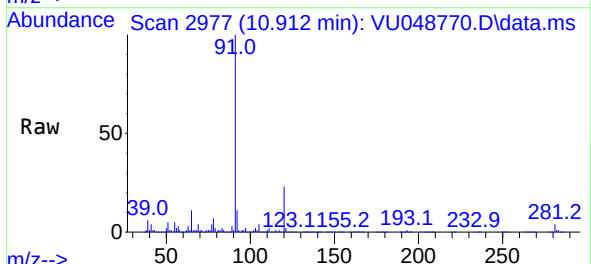
Tgt Ion:105 Resp: 172955
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

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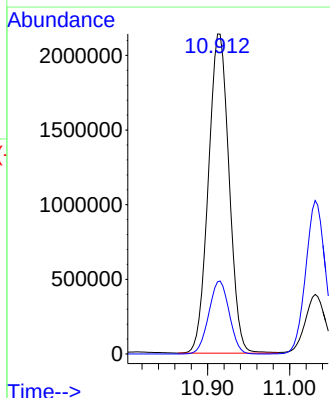
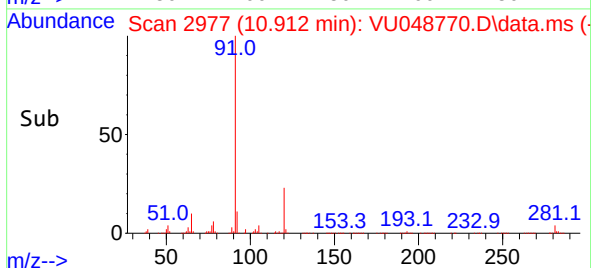
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

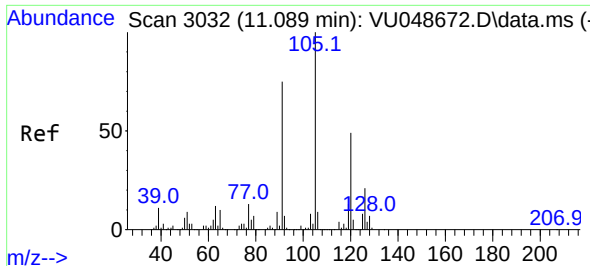


#78
n-propylbenzene
Concen: 218.611 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33



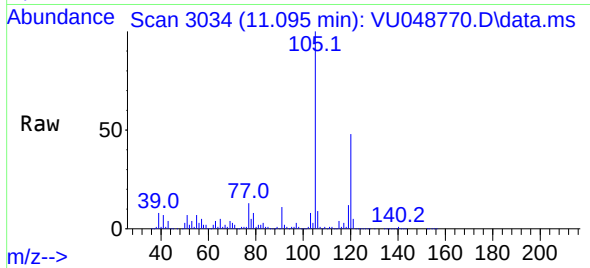
Tgt Ion: 91 Resp: 3742385
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 455.840 ug/l
RT: 11.095 min Scan# 3032
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

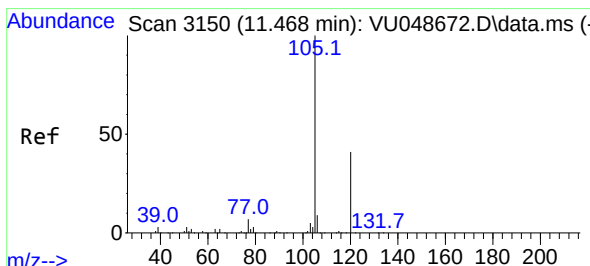
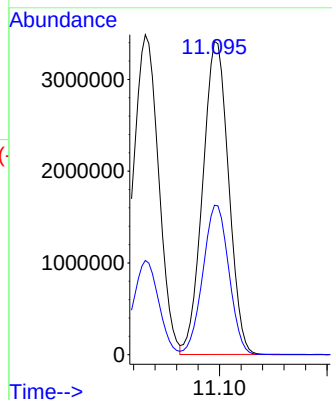
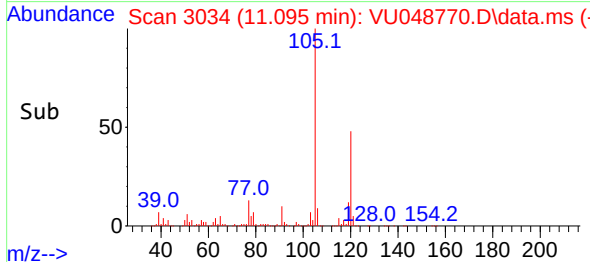
Instrument :
MSVOA_U
ClientSampleId :
SS-2



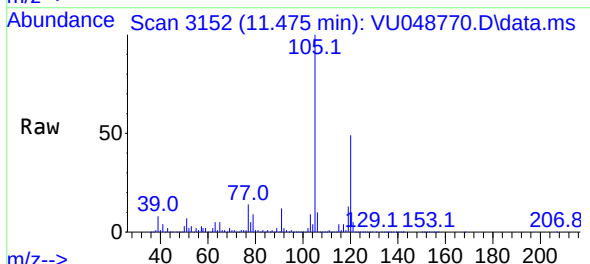
Tgt Ion:105 Resp: 569505
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3

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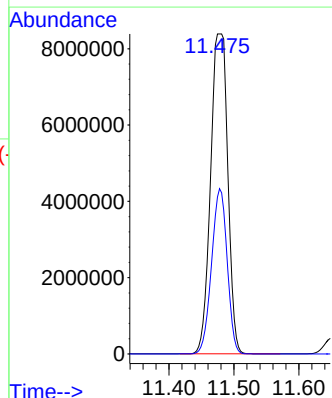
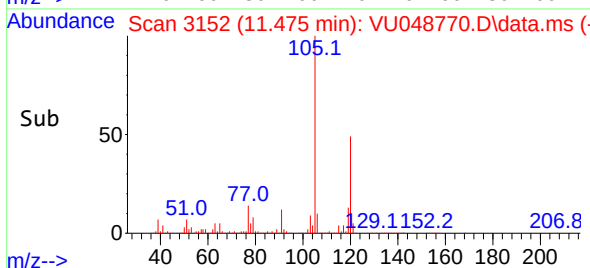
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

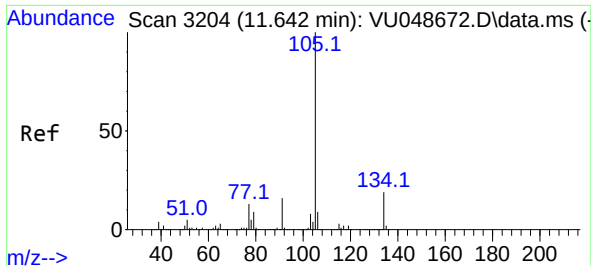


#84
1,2,4-Trimethylbenzene
Concen: 1123.675 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33



Tgt Ion:105 Resp:15481348
Ion Ratio Lower Upper
105 100
120 46.6 22.5 67.5





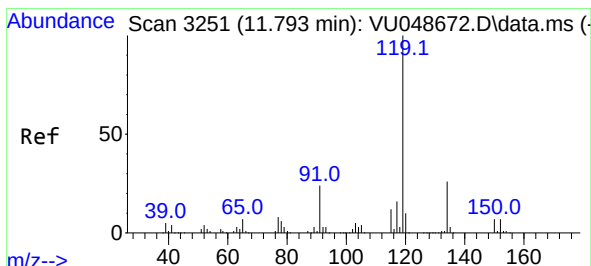
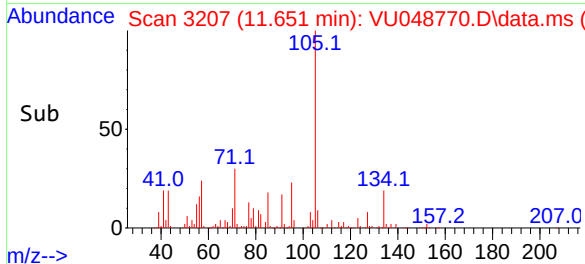
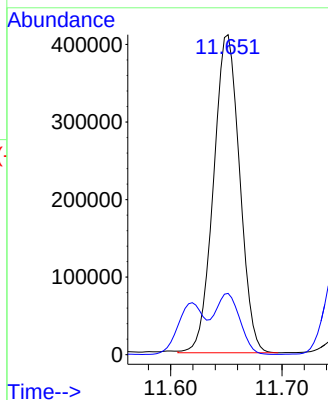
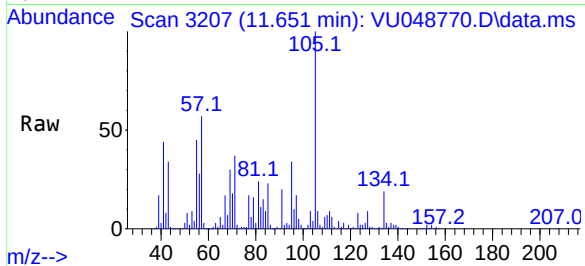
#85
 sec-Butylbenzene
 Concen: 44.562 ug/l
 RT: 11.651 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VU048770.D
 Acq: 01 Jun 2022 04:33

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-2

Tgt Ion:105 Resp: 668469
 Ion Ratio Lower Upper
 105 100
 134 17.6 9.6 28.6

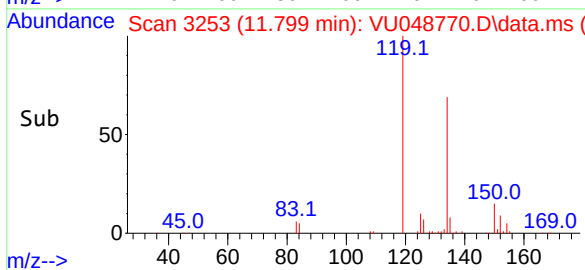
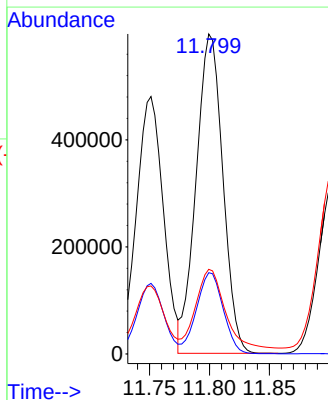
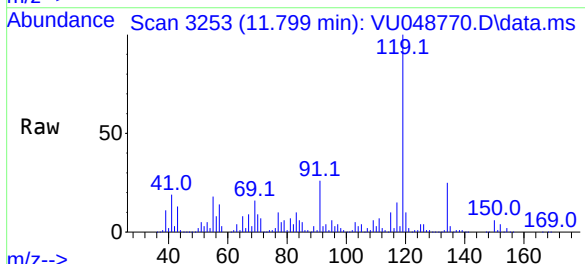
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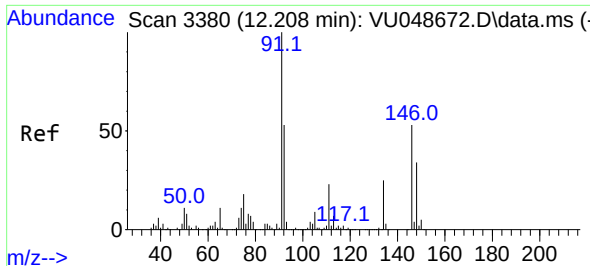
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/02/2022



#86
 p-Isopropyltoluene
 Concen: 71.846 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.006 min
 Lab File: VU048770.D
 Acq: 01 Jun 2022 04:33

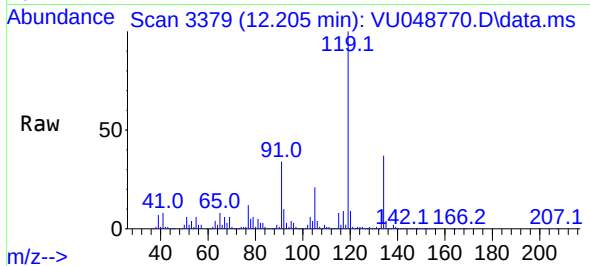
Tgt Ion:119 Resp: 925530
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 26.9 12.0 36.0





#89
n-Butylbenzene
Concen: 145.809 ug/l m
RT: 12.205 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

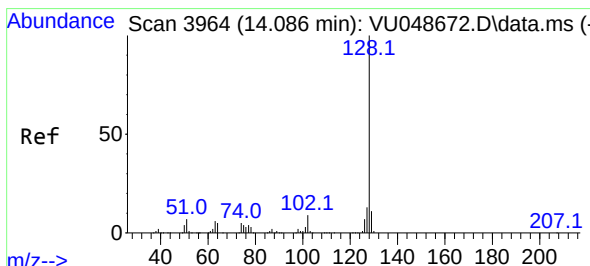
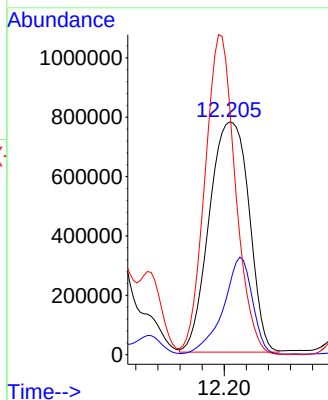
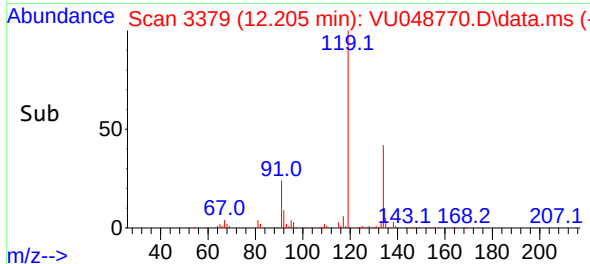
Instrument :
MSVOA_U
ClientSampleId :
SS-2



Tgt Ion: 91 Resp: 1936592
Ion Ratio Lower Upper
91 100
92 30.8 25.9 77.8
134 107.0 12.5 37.5

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



#95
Naphthalene
Concen: 269.106 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion:128 Resp: 4918480
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.7 8.7 13.1

