

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048747.D
 Acq On : 31 May 2022 18:42
 Operator : SY/MD
 Sample : N3033-09DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-16DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 01 02:20:44 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

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	233242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	409750	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	393762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	203485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	183117	52.277	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.560%			
35) Dibromofluoromethane	5.292	113	137982	47.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.400%			
50) Toluene-d8	7.899	98	471498	44.995	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.000%#			
62) 4-Bromofluorobenzene	10.632	95	191676	48.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.740%			
Target Compounds						
					Qvalue	
31) Cyclohexane	5.382	56	10177	2.305	ug/l #	38
39) Methylcyclohexane	6.764	83	3634	0.812	ug/l #	89
40) Benzene	5.780	78	11719	0.930	ug/l	92
52) Toluene	7.970	92	6811	0.904	ug/l	91
67) Ethyl Benzene	9.571	91	225709	16.069	ug/l	99
68) m/p-Xylenes	9.693	106	194934	35.484	ug/l	98
69) o-Xylene	10.102	106	73623	13.641	ug/l	97
73) Isopropylbenzene	10.484	105	11800	0.898	ug/l	99
78) n-propylbenzene	10.909	91	41905	2.677	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	51770	4.532	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	283157	23.639	ug/l	100
85) sec-Butylbenzene	11.645	105	4102m	0.299	ug/l	

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

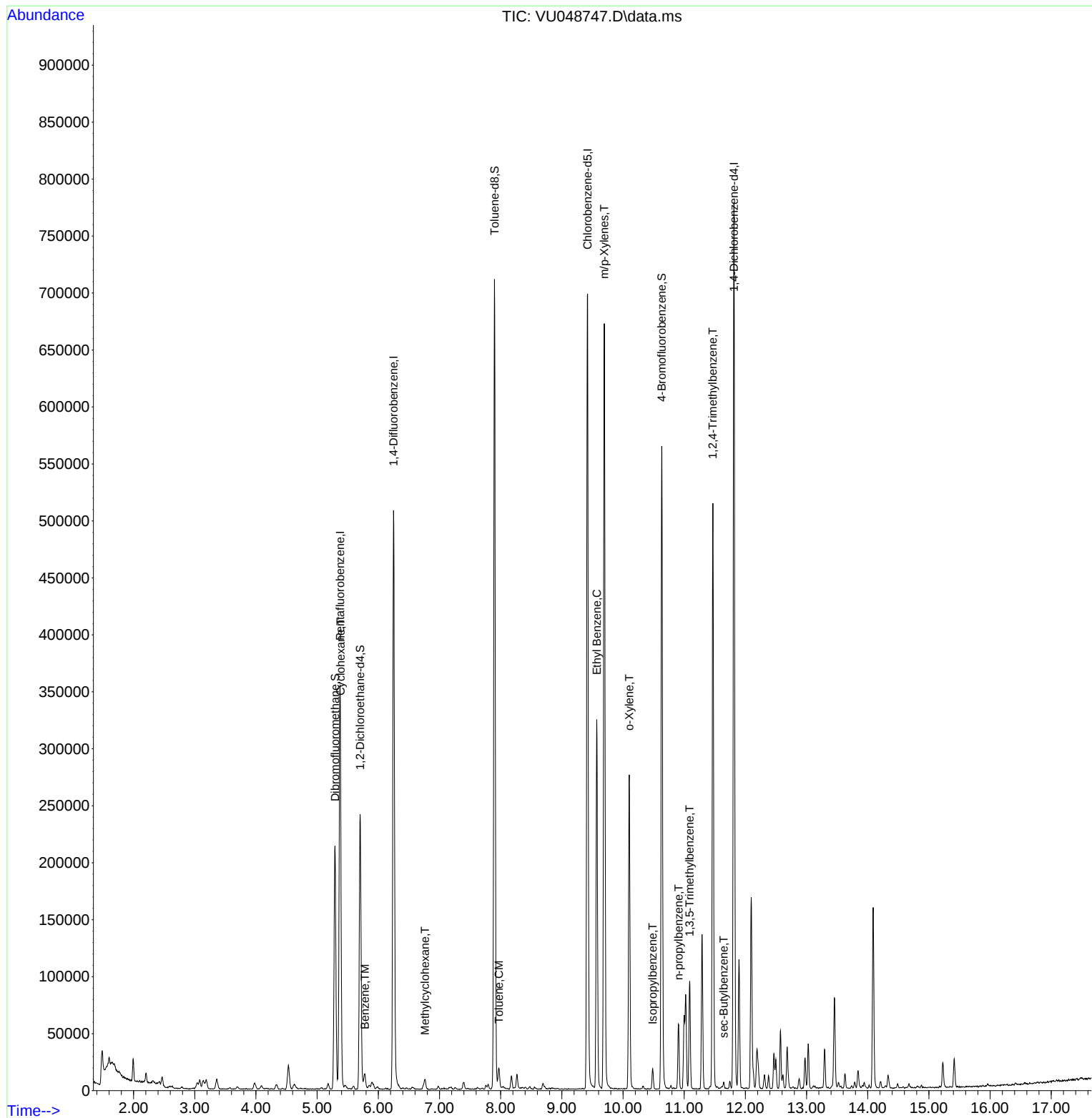
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048747.D
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Operator : SY/MD
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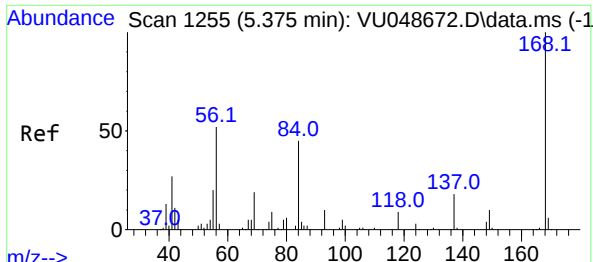
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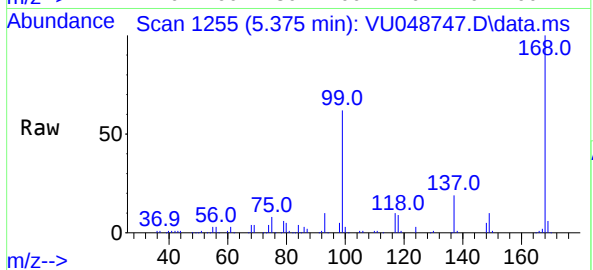
Quant Time: Jun 01 02:20:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

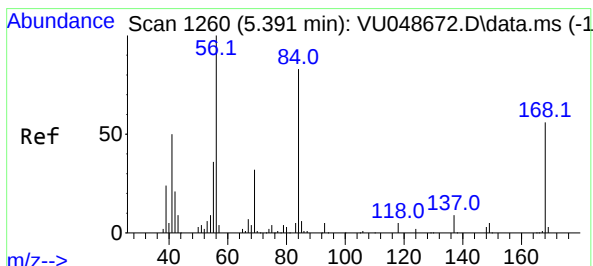
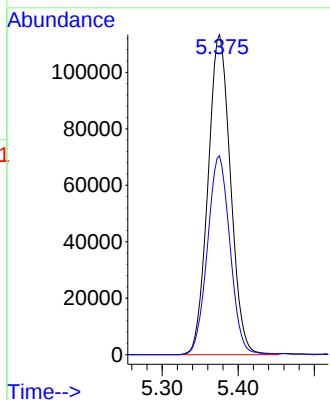
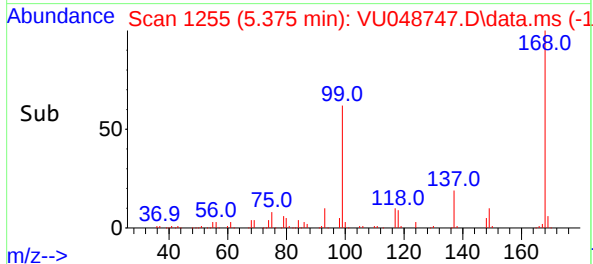
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL



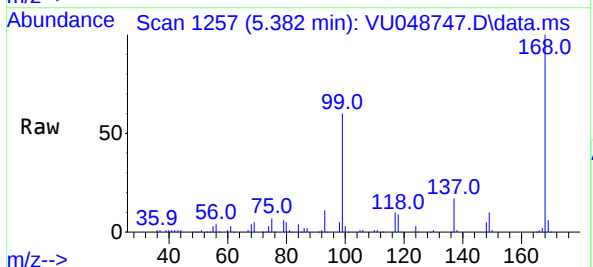
Tgt Ion:168 Resp: 23324
Ion Ratio Lower Upper
168 100
99 62.1 49.3 73.9

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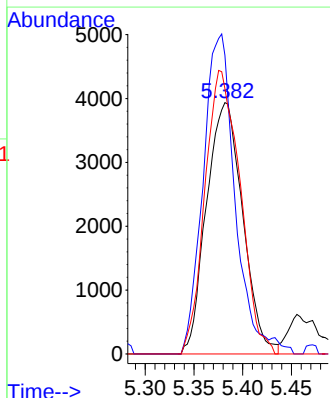
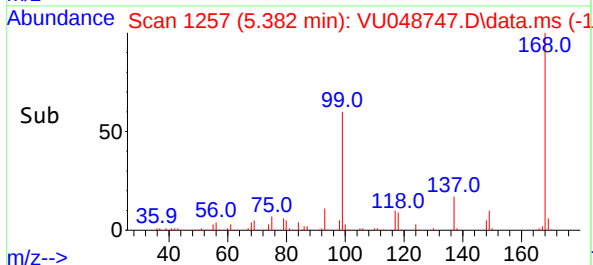
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

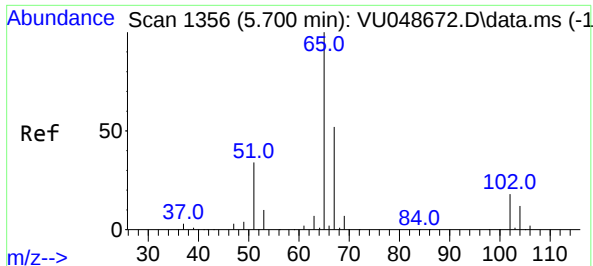


#31
Cyclohexane
Concen: 2.305 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.010 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42



Tgt Ion: 56 Resp: 10177
Ion Ratio Lower Upper
56 100
69 118.8 25.6 38.4#
84 105.5 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 52.277 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

TW-16DL

Tgt Ion: 65 Resp: 18311

Ion Ratio Lower Upper

65 100

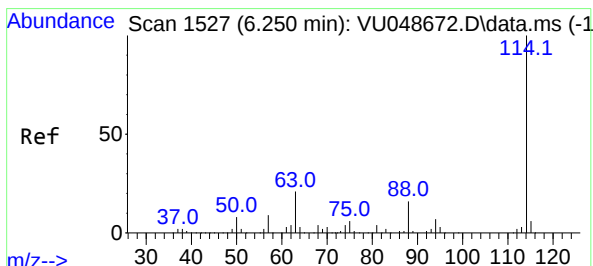
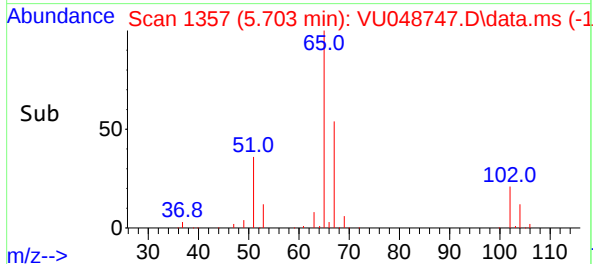
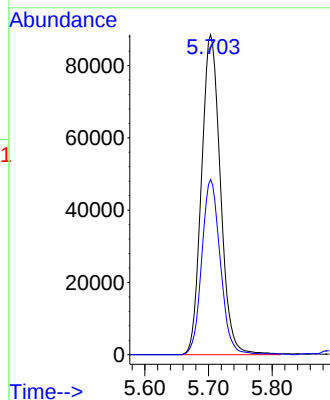
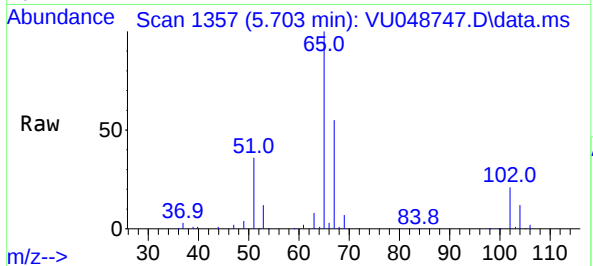
67 53.6 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

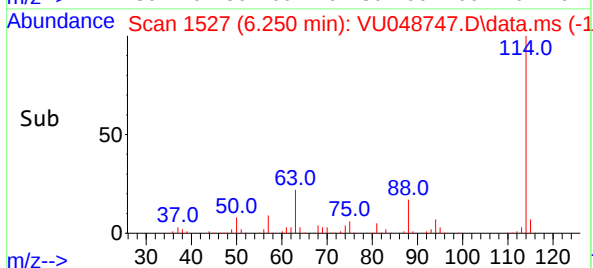
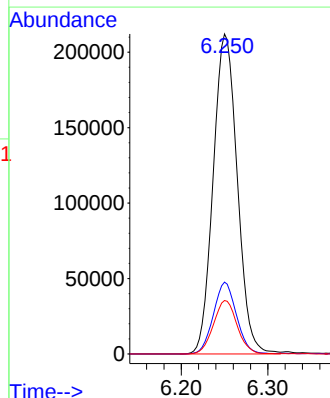
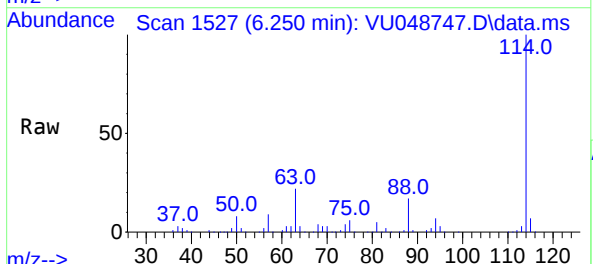
Tgt Ion:114 Resp: 409750

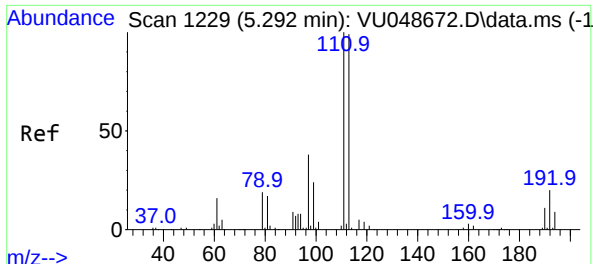
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.6

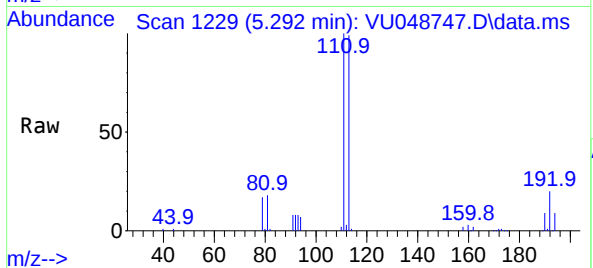
88 16.7 0.0 32.2





#35
Dibromofluoromethane
Concen: 47.202 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

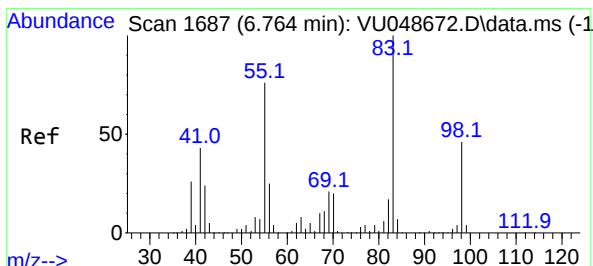
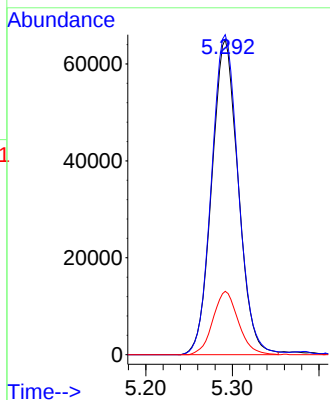
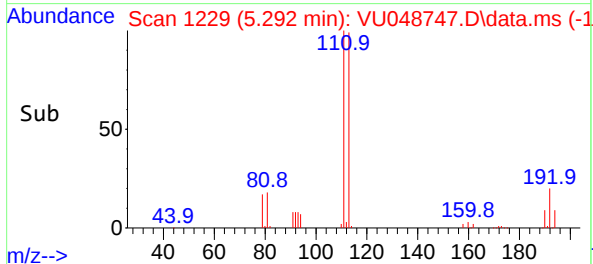
Instrument :
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ClientSampleId :
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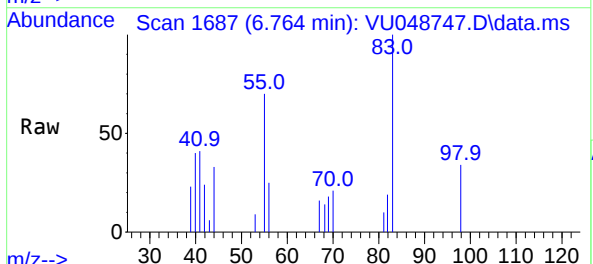
Tgt Ion: 113 Resp: 13798
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 19.3 15.9 23.9

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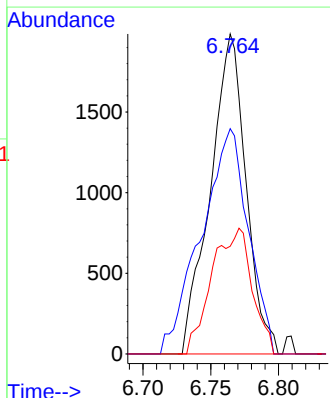
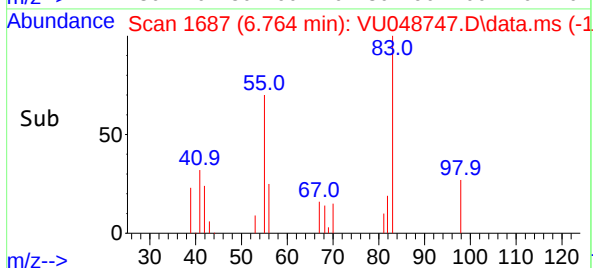
Reviewed By :John Carlone 06/01/2022
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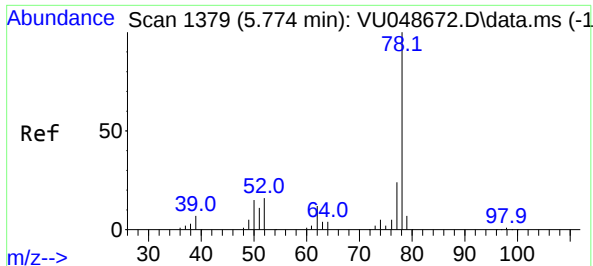


#39
Methylcyclohexane
Concen: 0.812 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42



Tgt Ion: 83 Resp: 3634
Ion Ratio Lower Upper
83 100
55 70.4 61.0 91.6
98 33.6 36.8 55.2#





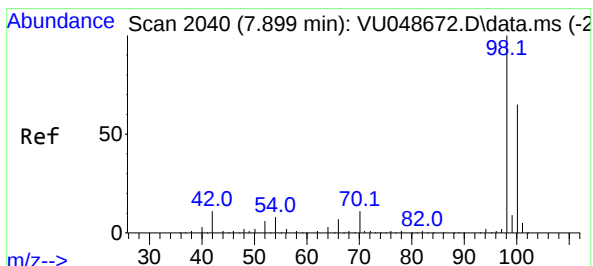
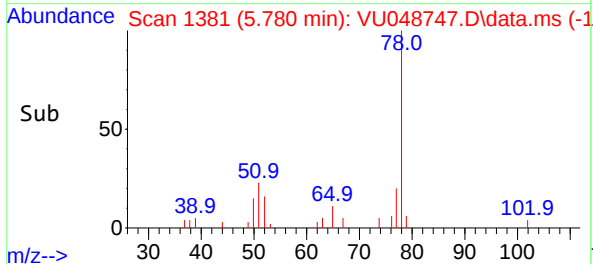
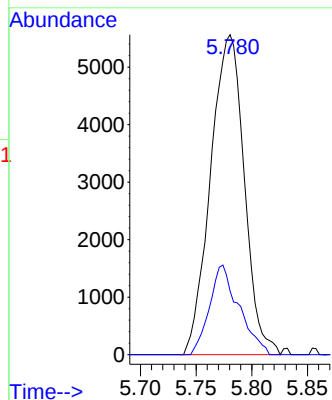
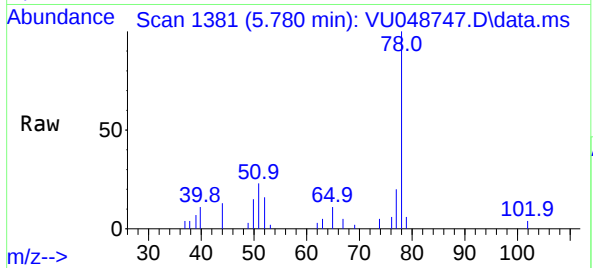
#40
Benzene
Concen: 0.930 ug/l
RT: 5.780 min Scan# 11719
Delta R.T. 0.006 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 78 Resp: 11719
Ion Ratio Lower Upper
78 100
77 19.8 19.0 28.6

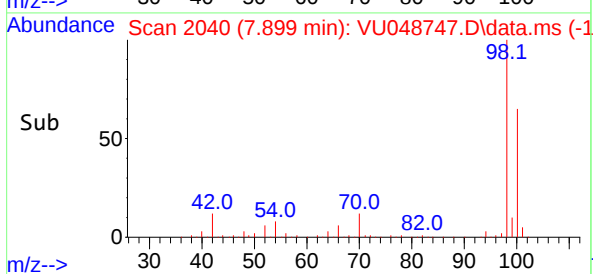
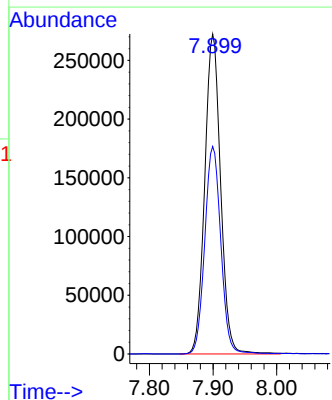
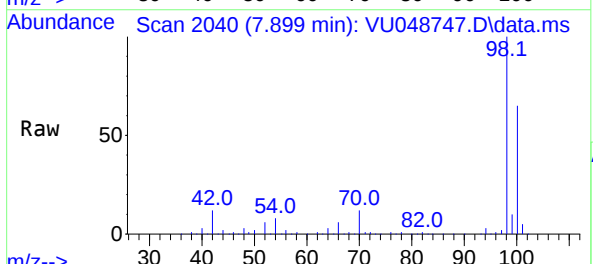
Manual Integrations
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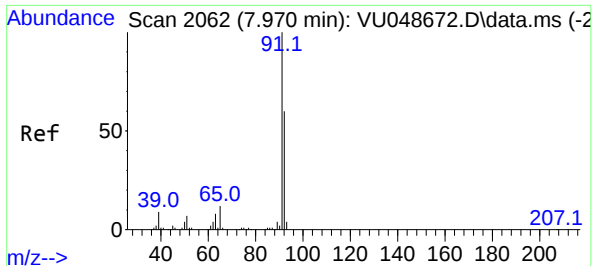
Reviewed By :John Carlone 06/01/2022
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#50
Toluene-d8
Concen: 44.995 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

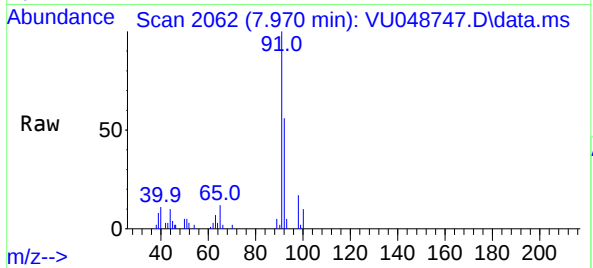
Tgt Ion: 98 Resp: 471498
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





#52
Toluene
Concen: 0.904 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

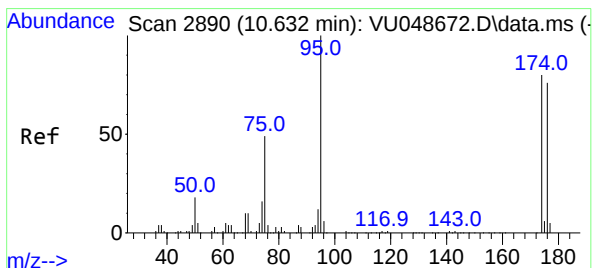
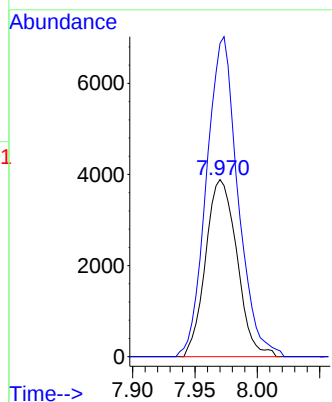
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL



Tgt Ion: 92 Resp: 681
Ion Ratio Lower Upper
92 100
91 181.3 135.0 202.4

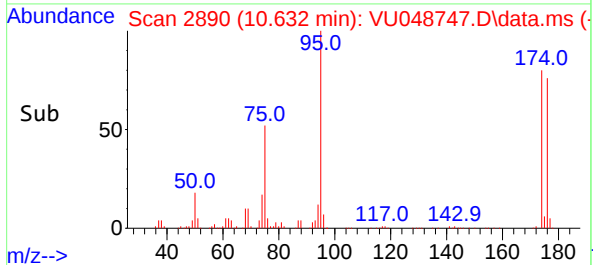
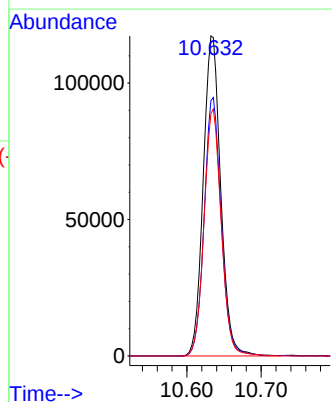
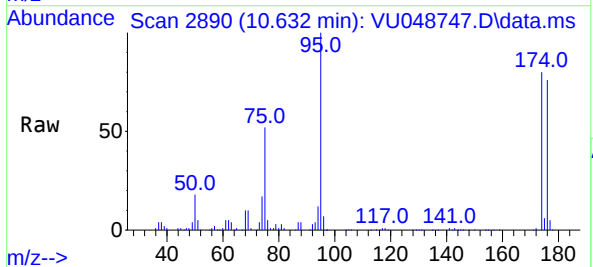
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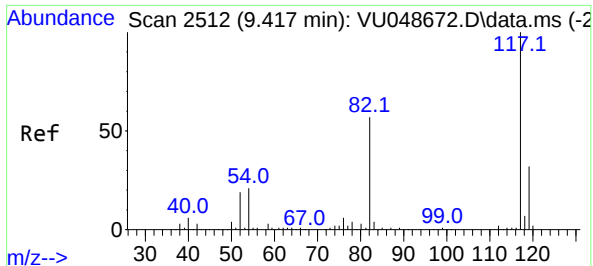
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#62
4-Bromofluorobenzene
Concen: 48.367 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

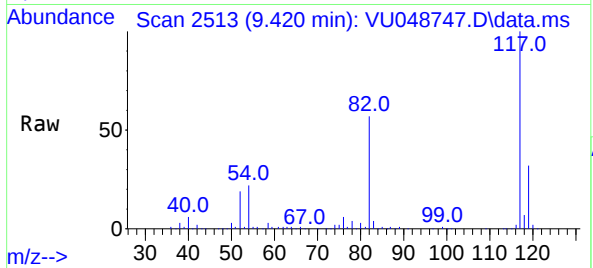
Tgt Ion: 95 Resp: 191676
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 75.9 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

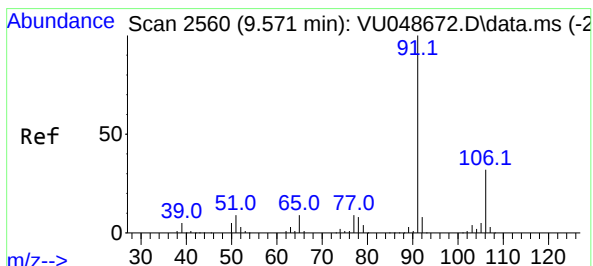
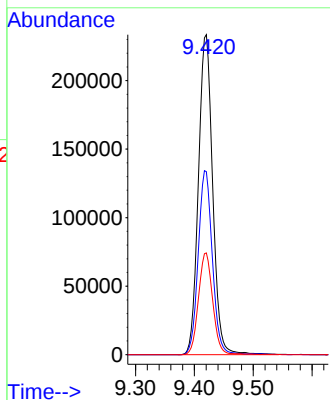
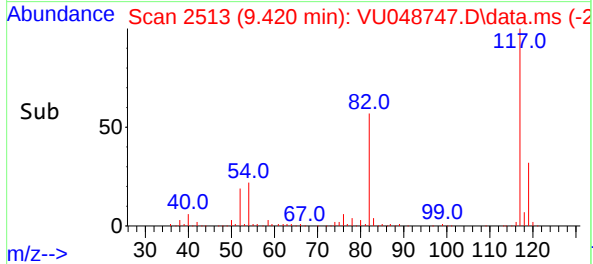
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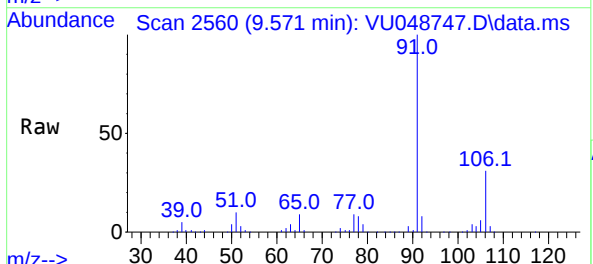
Tgt Ion:117 Resp: 393762
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.8 25.4 38.2

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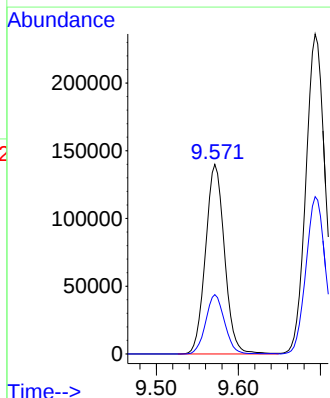
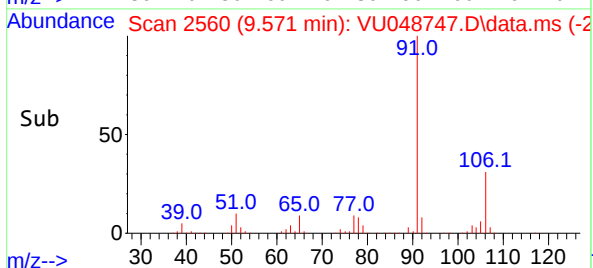
Reviewed By :John Carlone 06/01/2022
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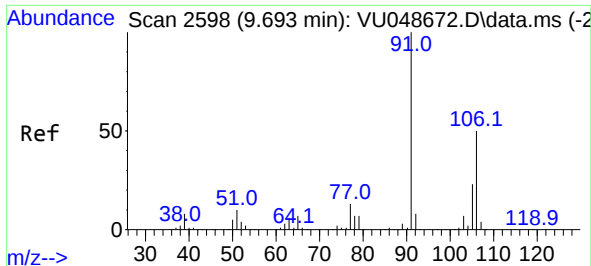


#67
Ethyl Benzene
Concen: 16.069 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42



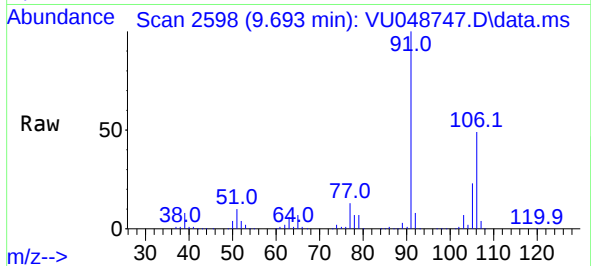
Tgt Ion: 91 Resp: 225709
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2





#68
m/p-Xylenes
Concen: 35.484 ug/l
RT: 9.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

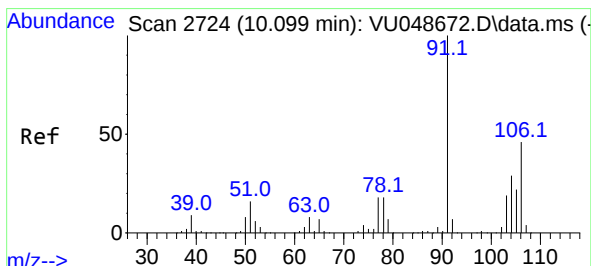
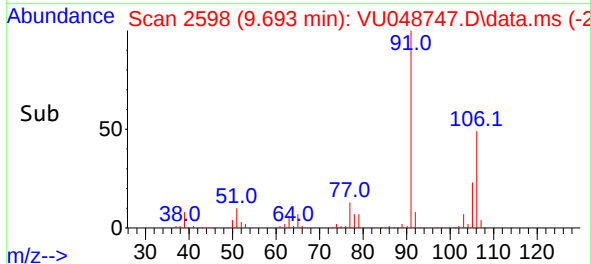
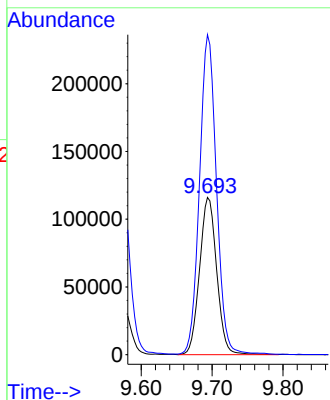
Instrument :
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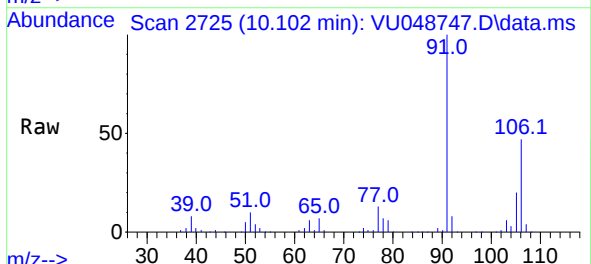
Tgt Ion:106 Resp: 194934
Ion Ratio Lower Upper
106 100
91 200.6 162.4 243.6

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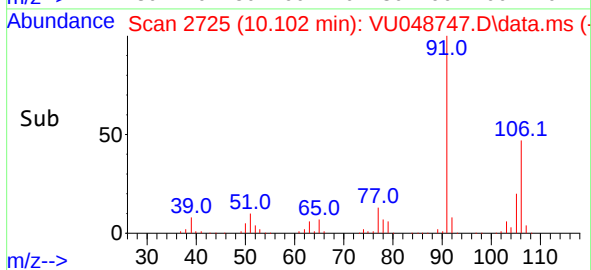
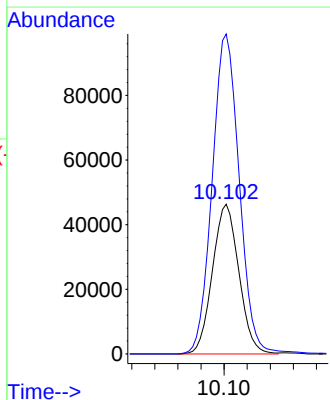
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

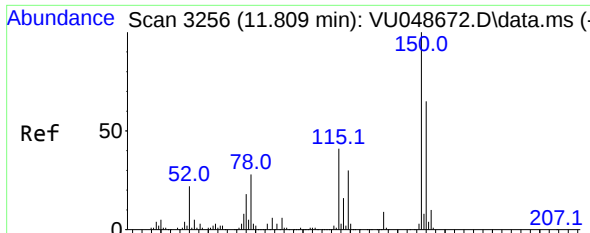


#69
o-Xylene
Concen: 13.641 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42



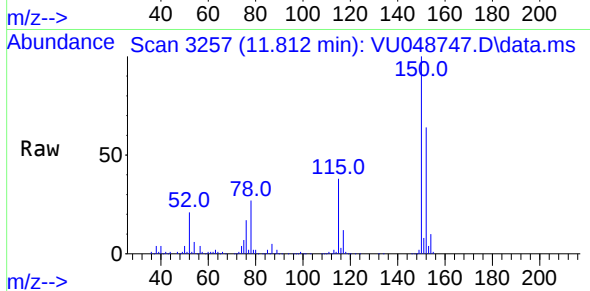
Tgt Ion:106 Resp: 73623
Ion Ratio Lower Upper
106 100
91 219.5 107.7 323.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

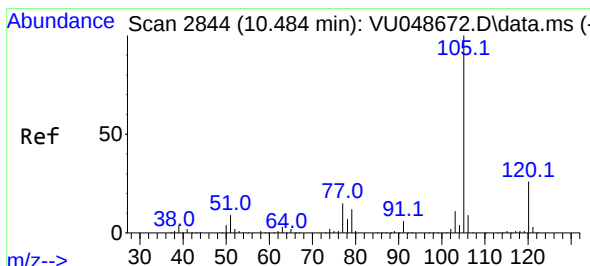
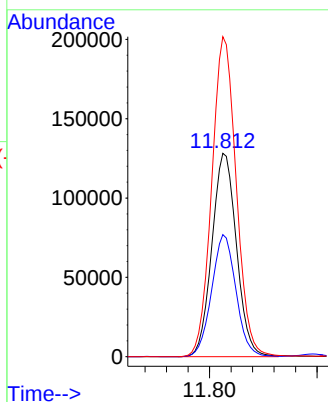
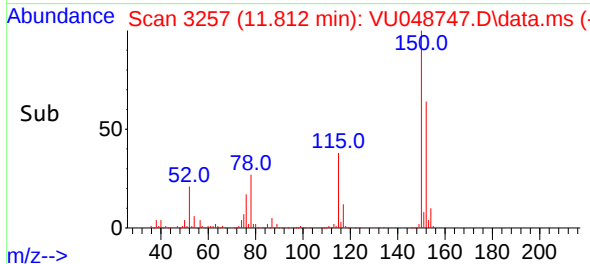
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL



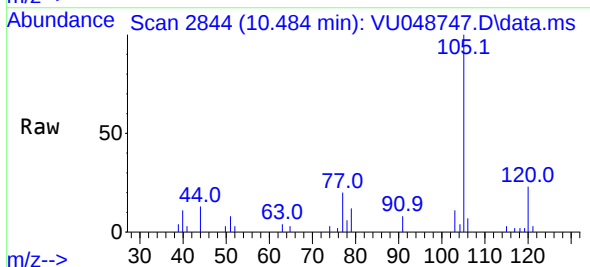
Tgt Ion:152 Resp: 20348
Ion Ratio Lower Upper
152 100
115 59.5 41.8 125.4
150 156.8 0.0 341.0

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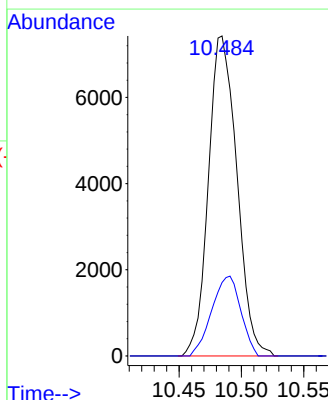
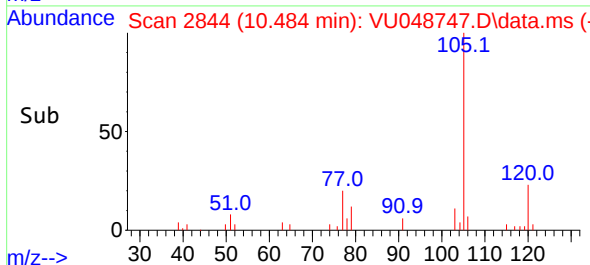
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

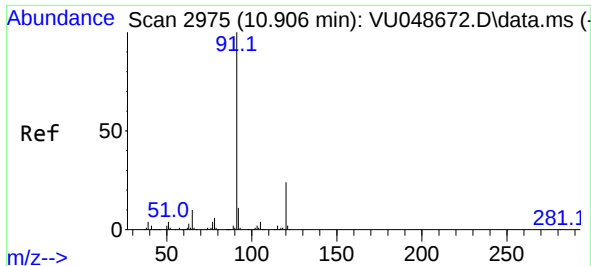


#73
Isopropylbenzene
Concen: 0.898 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42



Tgt Ion:105 Resp: 11800
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6





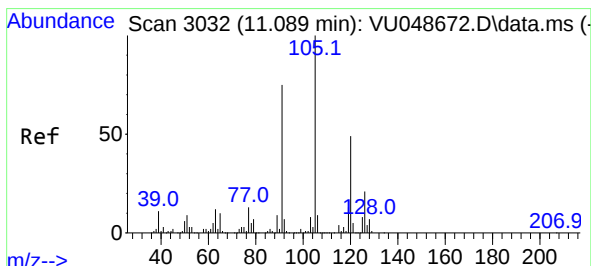
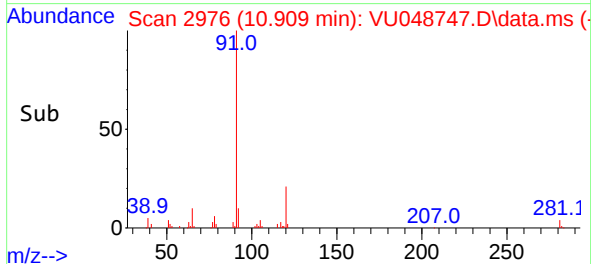
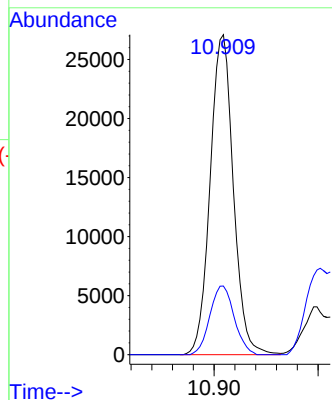
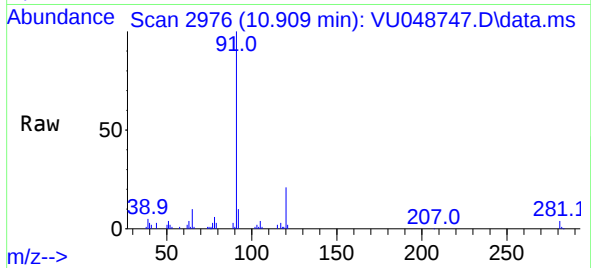
#78
n-propylbenzene
Concen: 2.677 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

Tgt Ion: 91 Resp: 4190
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7

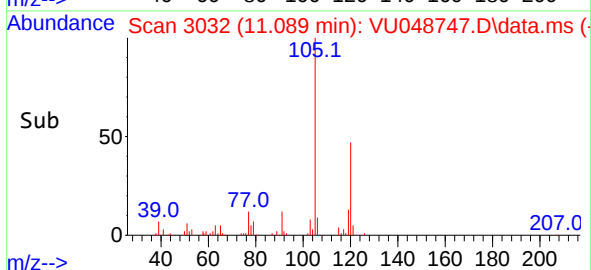
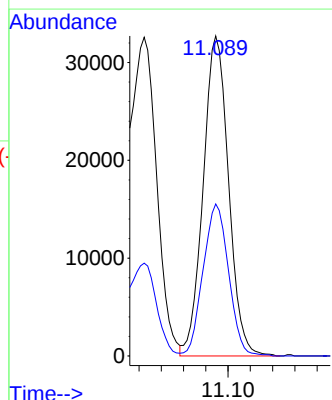
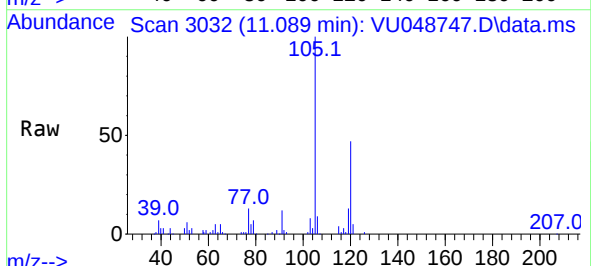
Manual Integrations
APPROVED

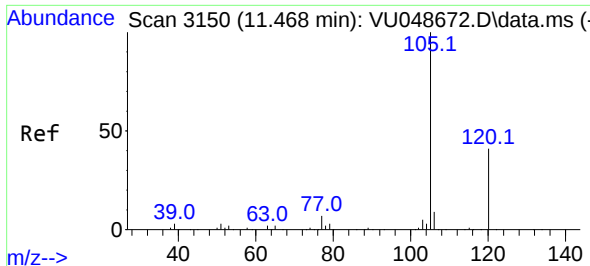
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.532 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

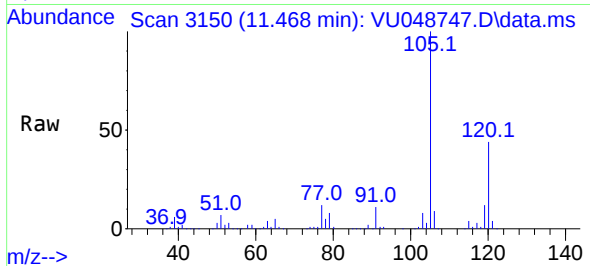
Tgt Ion:105 Resp: 51770
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 23.639 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

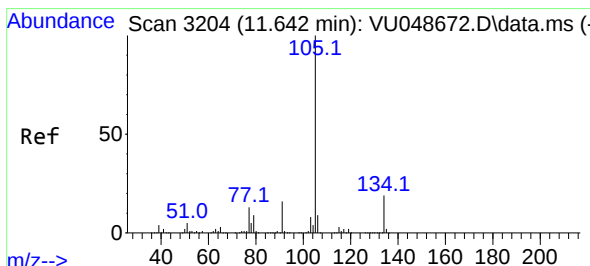
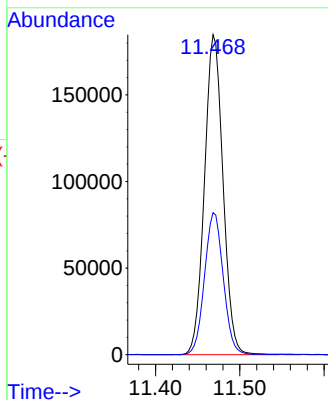
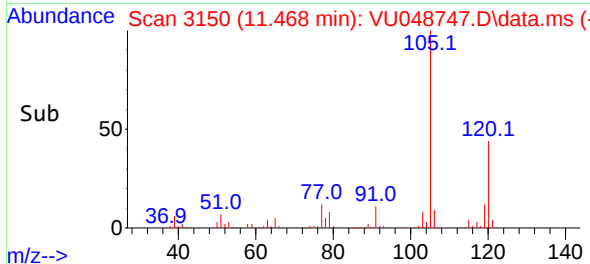
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL



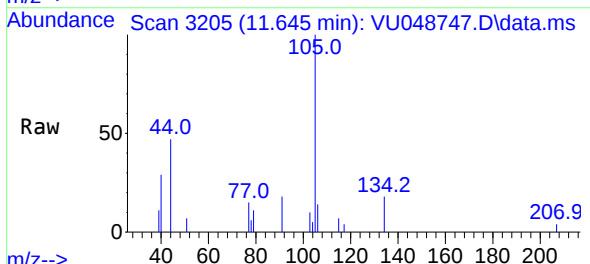
Tgt Ion:105 Resp: 28315
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5

Manual Integrations
APPROVED

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



#85
sec-Butylbenzene
Concen: 0.299 ug/l m
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42



Tgt Ion:105 Resp: 4102
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#

