

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048697.D
 Acq On : 27 May 2022 16:38
 Operator : SY/MD
 Sample : N3056-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-05

Quant Time: May 28 00:20:50 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 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	211226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	347572	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	369908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	204830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166838	52.594	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.180%			
35) Dibromofluoromethane	5.292	113	141831	57.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.400%			
50) Toluene-d8	7.899	98	429284	48.296	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.600%			
62) 4-Bromofluorobenzene	10.632	95	198298	58.989	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.980%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.179	59	7035	8.747	ug/l #	28
16) Acetone	2.626	43	13323	8.241	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	84221	10.325	ug/l #	53
39) Methylcyclohexane	6.764	83	11934m	3.145	ug/l	
40) Benzene	5.777	78	46891	4.389	ug/l	98
44) Trichloroethene	6.549	130	1903	0.691	ug/l	95
64) Tetrachloroethene	8.555	164	4238	0.554	ug/l	89
67) Ethyl Benzene	9.571	91	26684	2.022	ug/l	95
73) Isopropylbenzene	10.484	105	7905	0.598	ug/l	95
78) n-propylbenzene	10.906	91	8477	0.538	ug/l	96
84) 1,2,4-Trimethylbenzene	11.475	105	1858	1.333	ug/l	89
85) sec-Butylbenzene	11.645	105	7353	0.533	ug/l	100
89) n-Butylbenzene	12.201	91	2714m	2.404	ug/l	

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

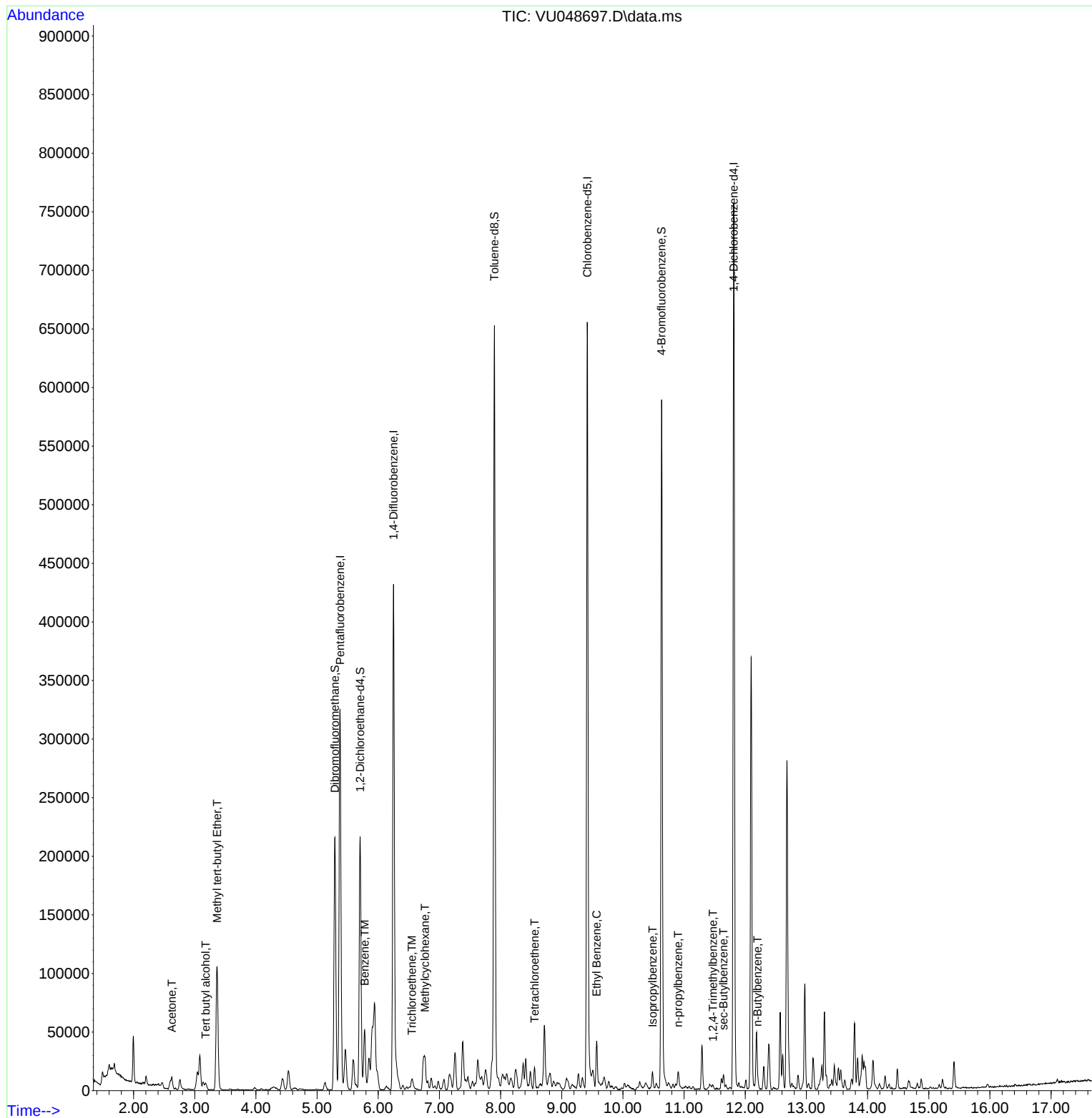
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048697.D
Acq On : 27 May 2022 16:38
Operator : SY/MD
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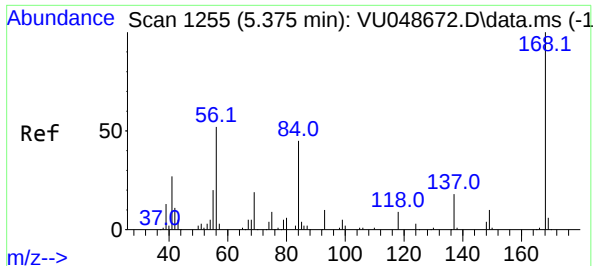
Instrument :
MSVOA_U
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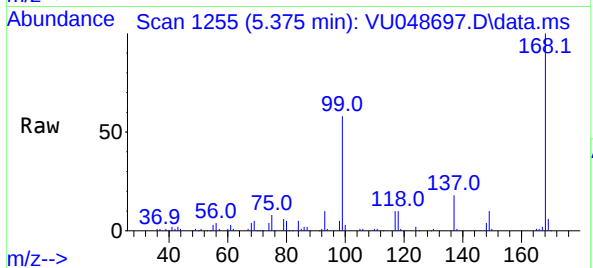
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

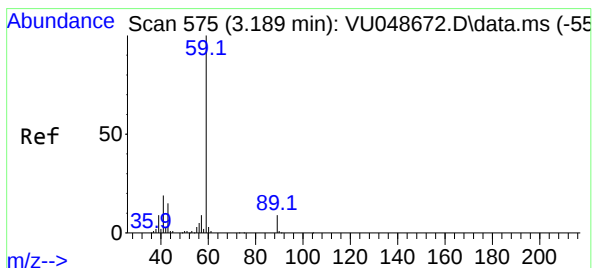
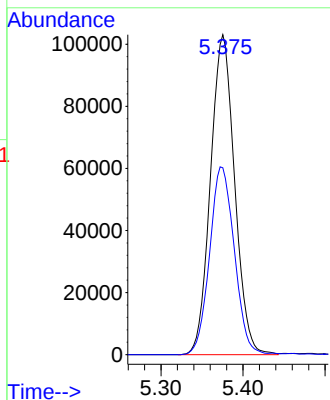
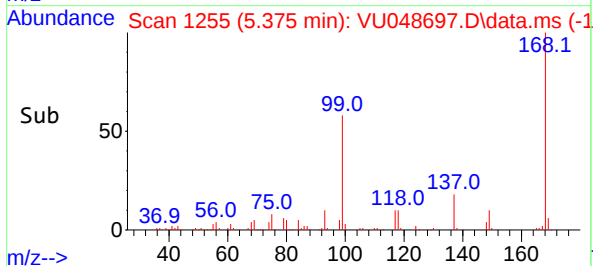
Instrument :
MSVOA_U
ClientSampleId :
MW-05



Tgt Ion:168 Resp: 211220
Ion Ratio Lower Upper
168 100
99 58.4 49.3 73.9

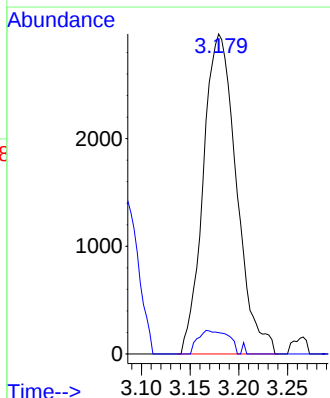
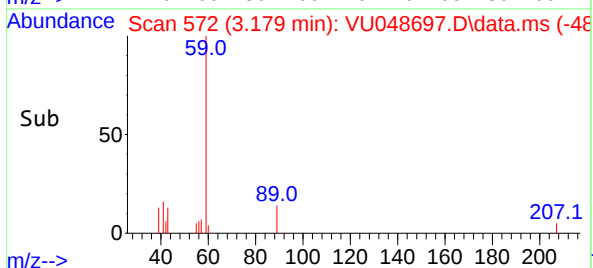
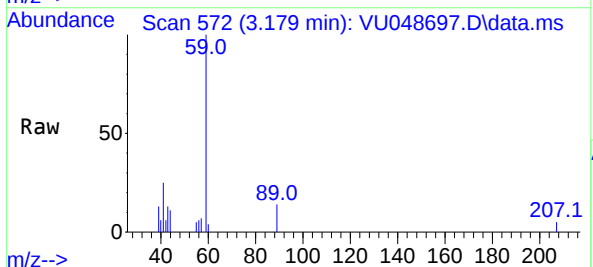
Manual Integrations
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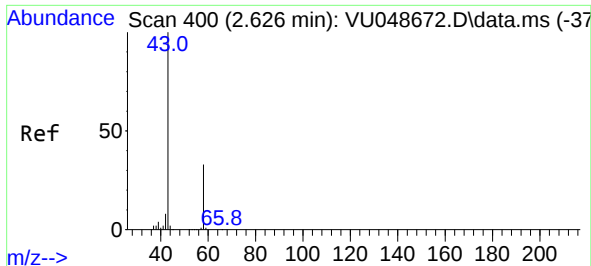
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#11
Tert butyl alcohol
Concen: 8.747 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

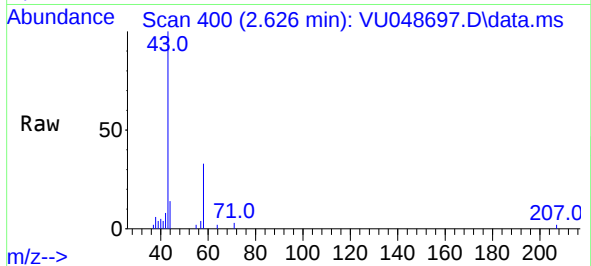
Tgt Ion: 59 Resp: 7035
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#





#16
Acetone
Concen: 8.241 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

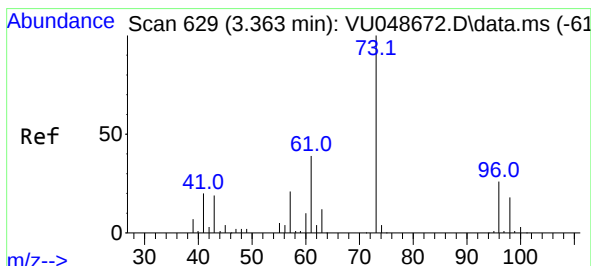
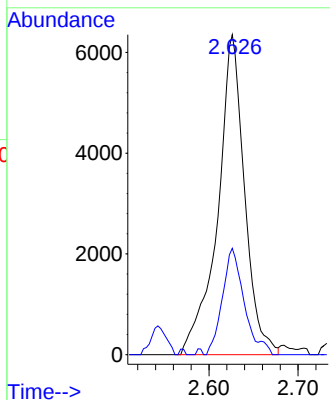
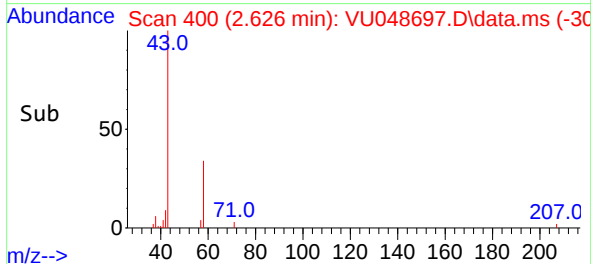
Instrument :
MSVOA_U
ClientSampleId :
MW-05



Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 33.3 26.3 39.5

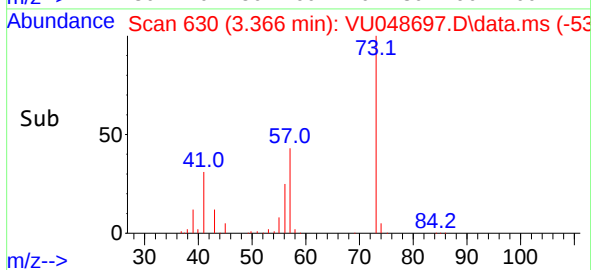
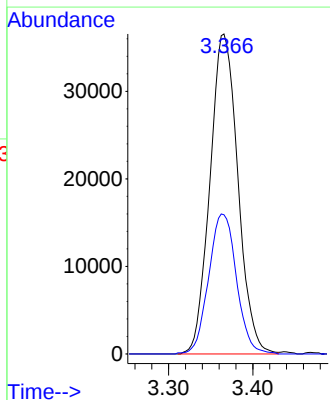
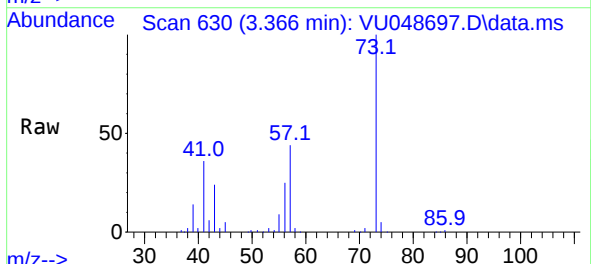
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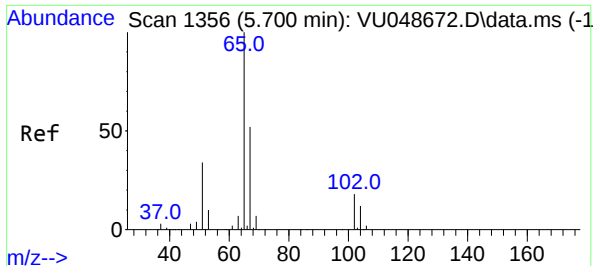
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#19
Methyl tert-butyl Ether
Concen: 10.325 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

Tgt Ion: 73 Resp: 84221
Ion Ratio Lower Upper
73 100
57 43.5 17.1 25.7#





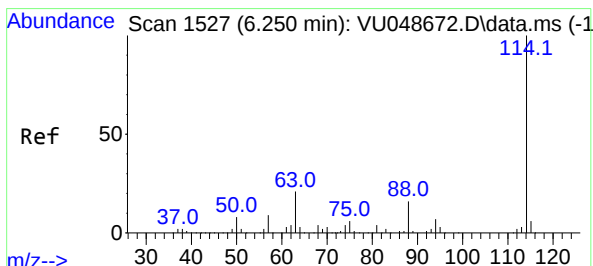
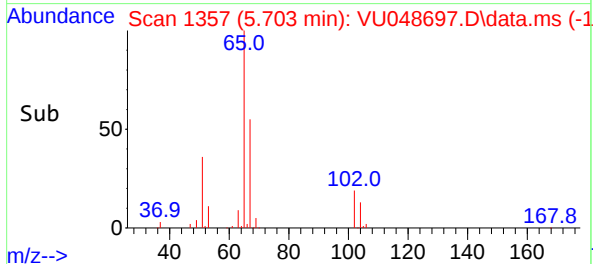
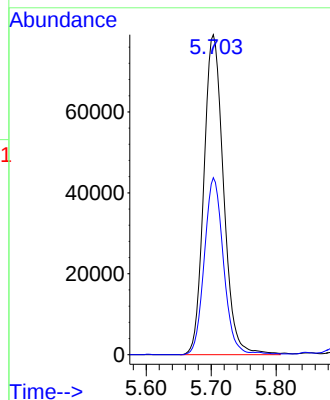
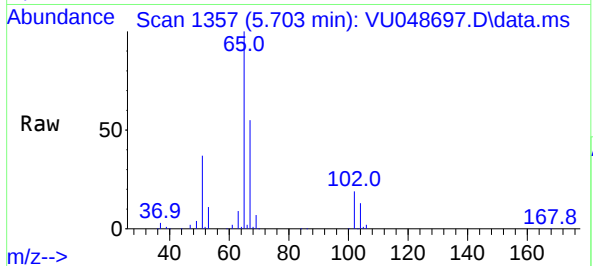
#33
1,2-Dichloroethane-d4
Concen: 52.594 ug/l
RT: 5.703 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

Instrument :
MSVOA_U
ClientSampleId :
MW-05

Tgt Ion: 65 Resp: 166838
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

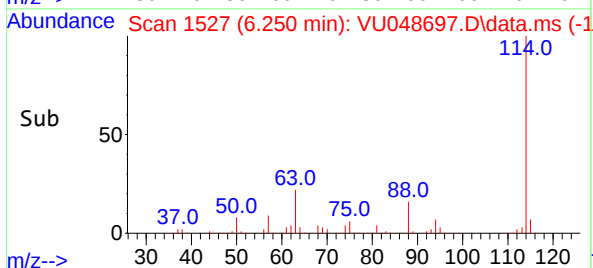
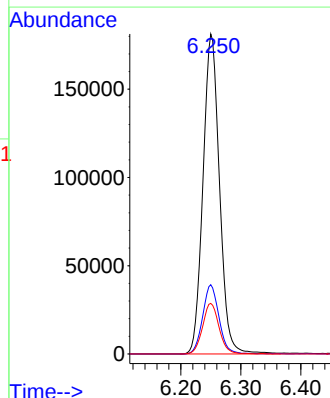
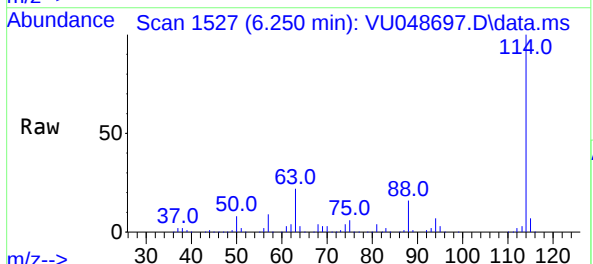
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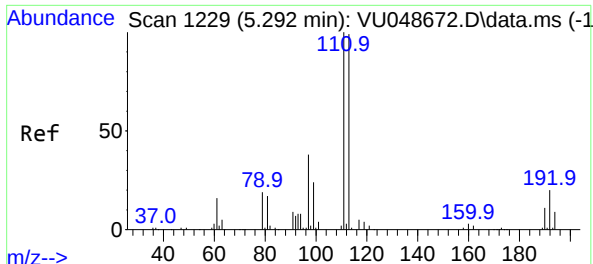
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

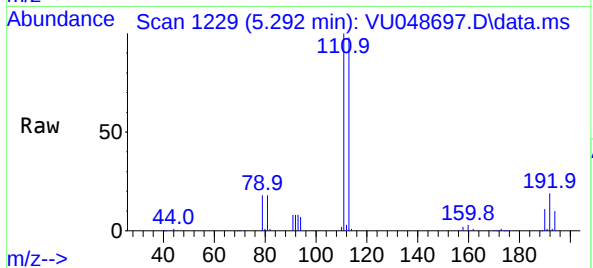
Tgt Ion:114 Resp: 347572
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.6
88 15.8 0.0 32.2





#35
Dibromofluoromethane
Concen: 57.198 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

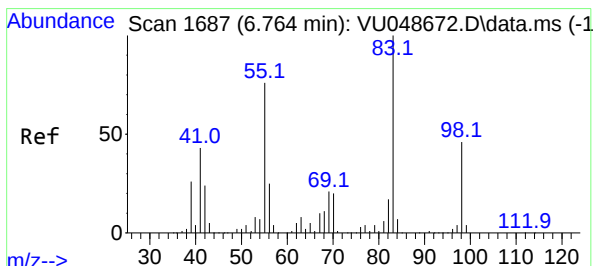
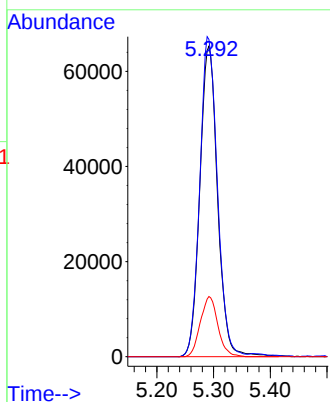
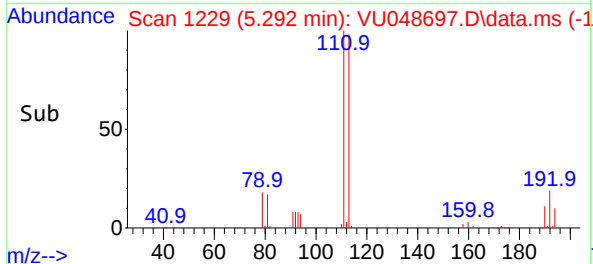
Instrument :
MSVOA_U
ClientSampleId :
MW-05



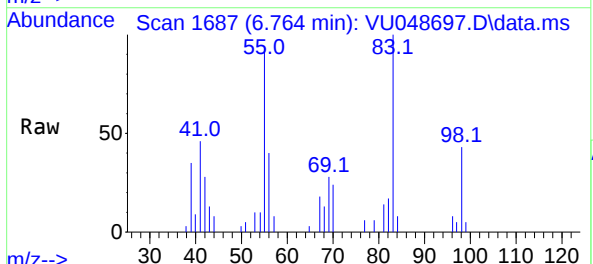
Tgt Ion:113 Resp: 14183
Ion Ratio Lower Upper
113 100
111 102.3 80.7 121.1
192 19.2 15.9 23.9

Manual Integrations
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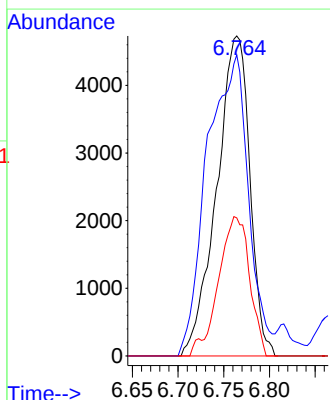
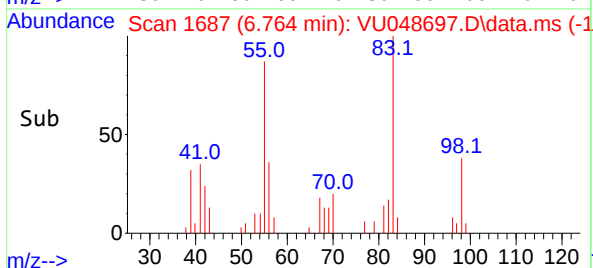
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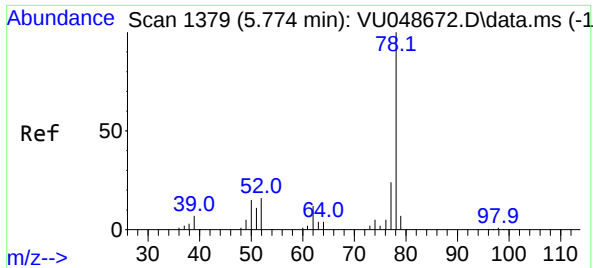


#39
Methylcyclohexane
Concen: 3.145 ug/l m
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38



Tgt Ion: 83 Resp: 11934
Ion Ratio Lower Upper
83 100
55 94.1 61.0 91.6#
98 43.2 36.8 55.2





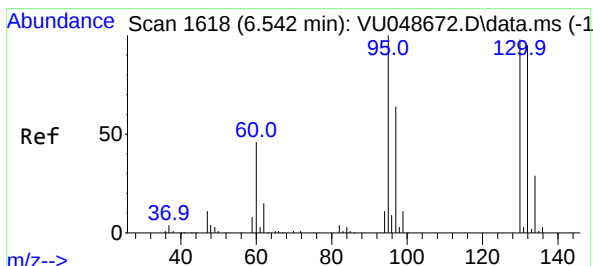
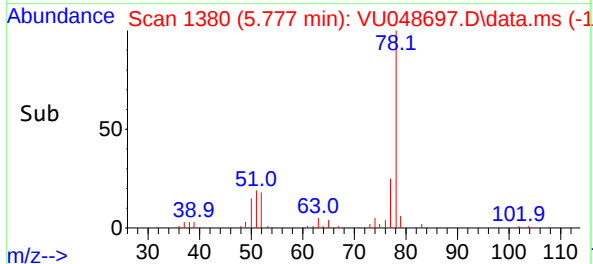
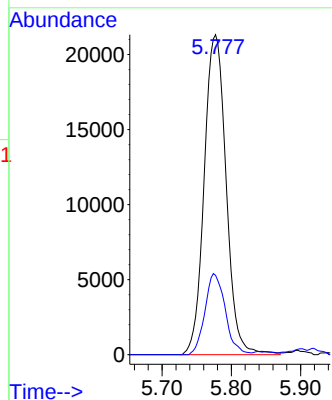
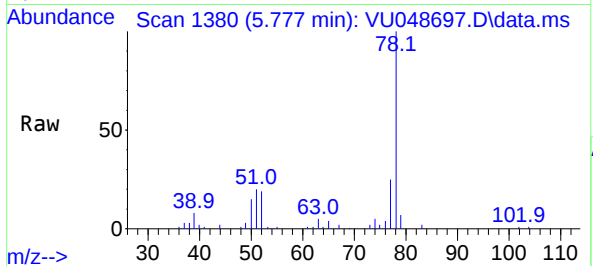
#40
Benzene
Concen: 4.389 ug/l
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

Instrument :
MSVOA_U
ClientSampleId :
MW-05

Tgt Ion: 78 Resp: 4689
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

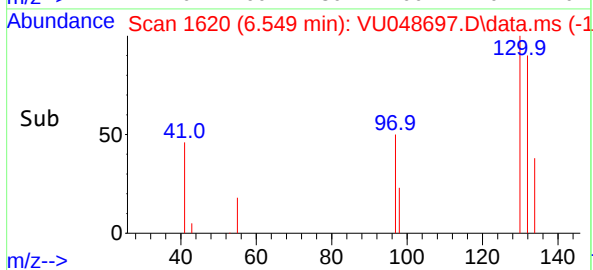
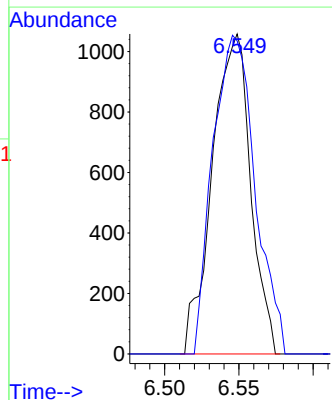
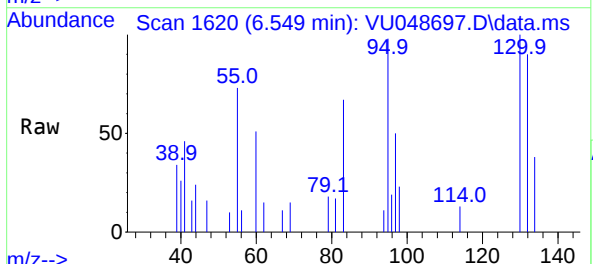
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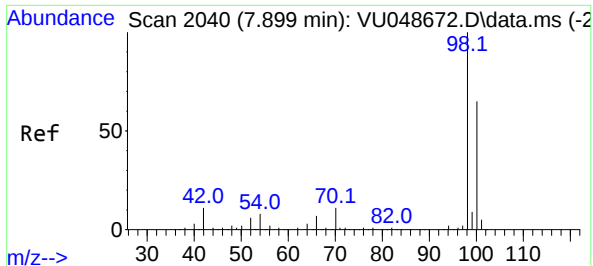
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#44
Trichloroethene
Concen: 0.691 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

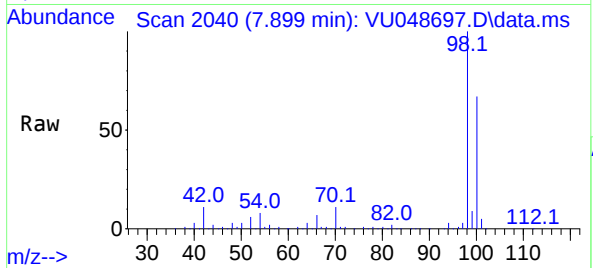
Tgt Ion:130 Resp: 1903
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.8





#50
Toluene-d8
Concen: 48.296 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

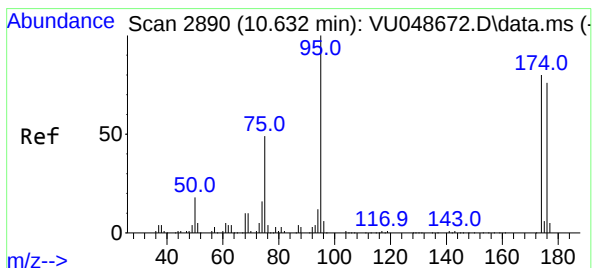
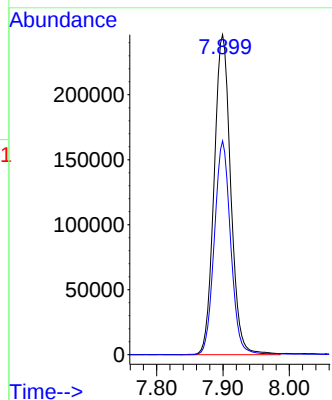
Instrument :
MSVOA_U
ClientSampleId :
MW-05



Tgt Ion: 98 Resp: 429284
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

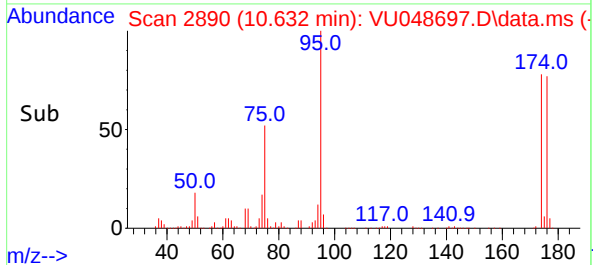
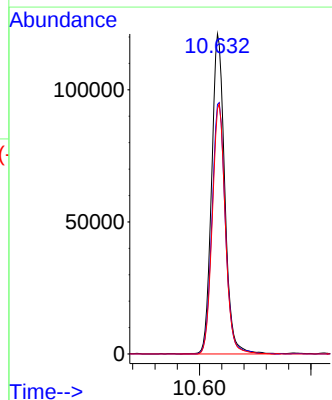
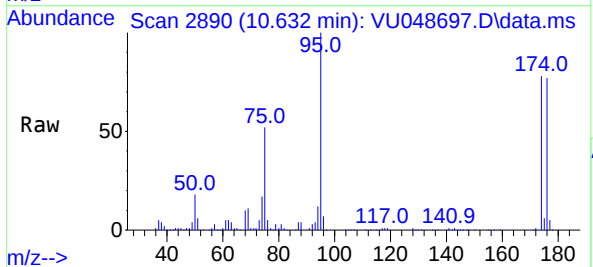
Manual Integrations
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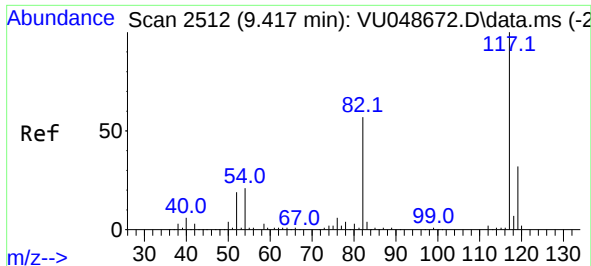
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#62
4-Bromofluorobenzene
Concen: 58.989 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

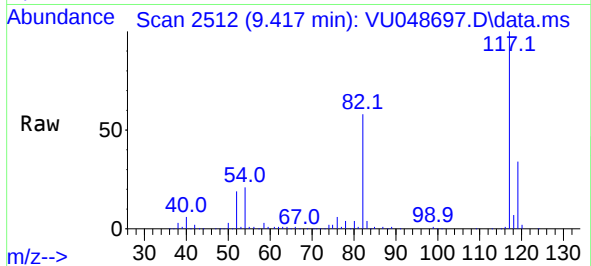
Tgt Ion: 95 Resp: 198298
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.4
176 77.5 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

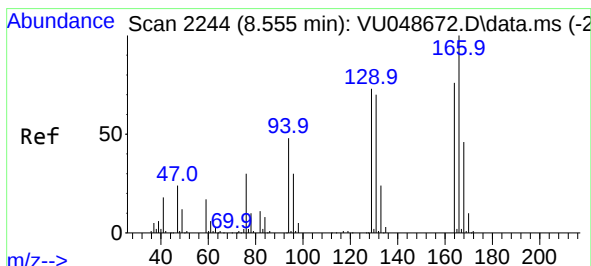
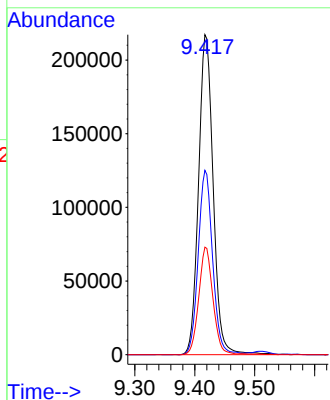
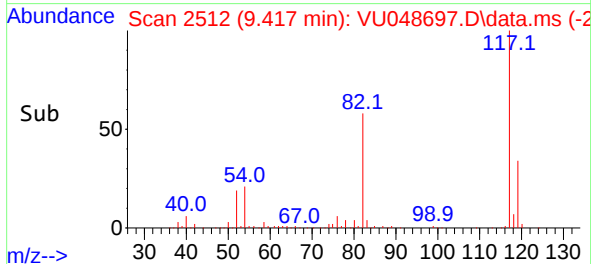
Instrument :
MSVOA_U
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MW-05



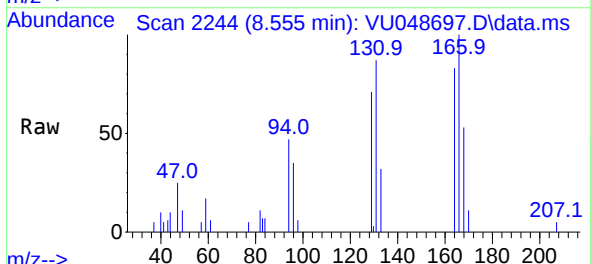
Tgt Ion:117 Resp: 369908
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 33.6 25.4 38.2

Manual Integrations
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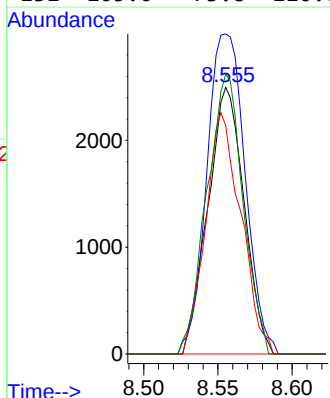
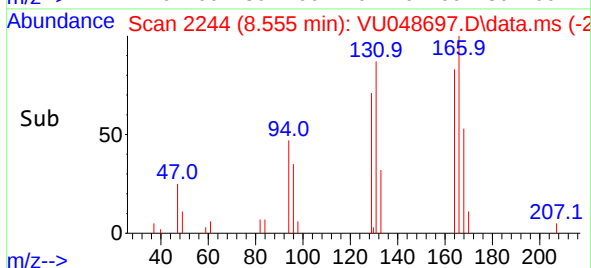
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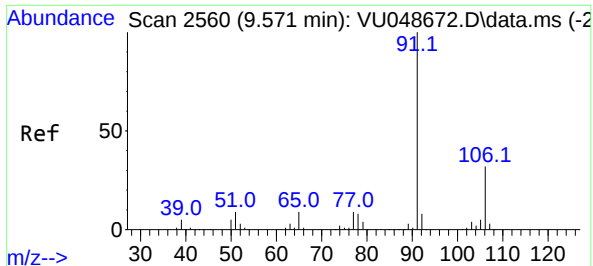


#64
Tetrachloroethene
Concen: 0.554 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38



Tgt Ion:164 Resp: 4238
Ion Ratio Lower Upper
164 100
166 120.0 105.0 157.4
129 85.7 76.5 114.7
131 105.0 73.8 110.6





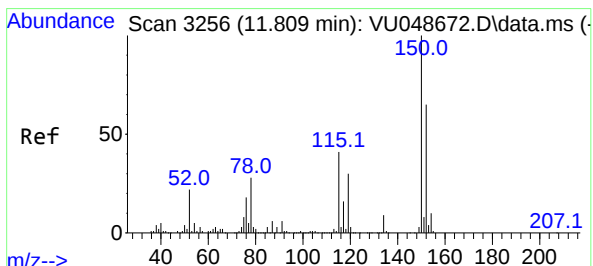
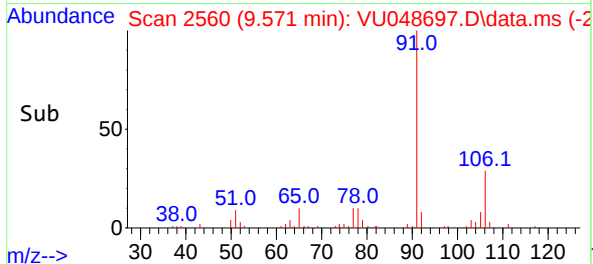
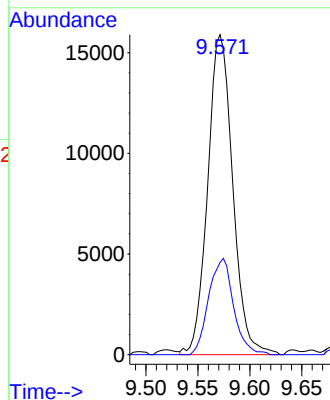
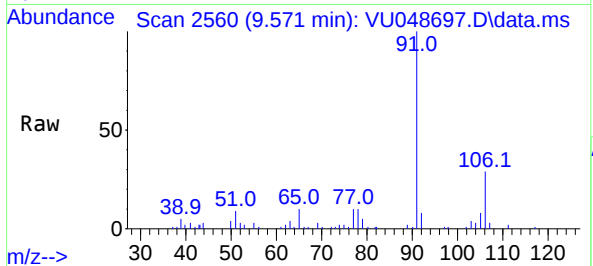
#67
Ethyl Benzene
Concen: 2.022 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

Instrument :
MSVOA_U
ClientSampleId :
MW-05

Tgt Ion: 91 Resp: 26684
Ion Ratio Lower Upper
91 100
106 28.8 25.4 38.2

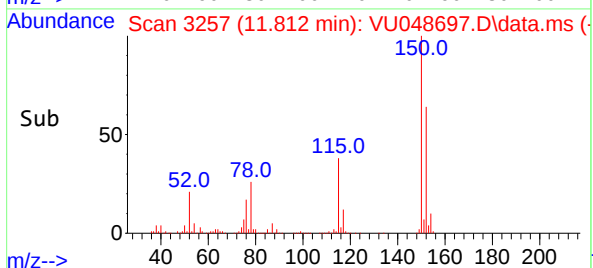
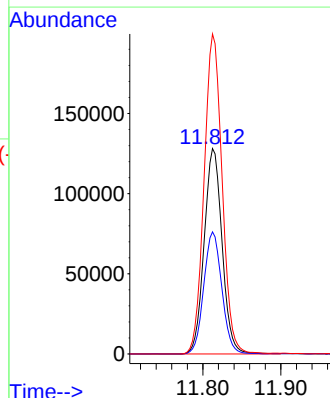
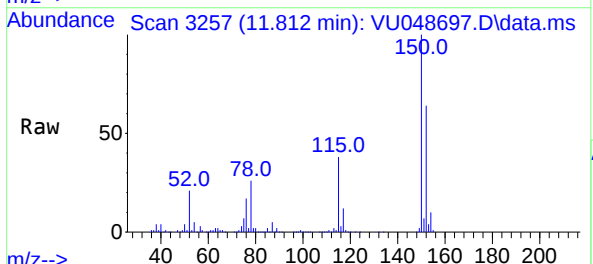
Manual Integrations
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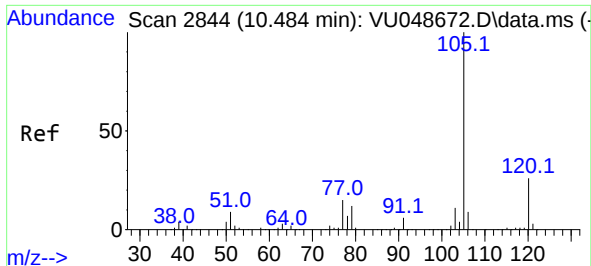
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

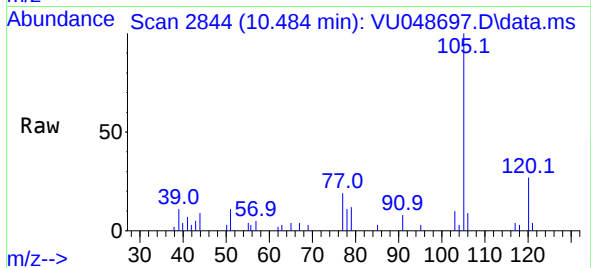
Tgt Ion:152 Resp: 204830
Ion Ratio Lower Upper
152 100
115 59.9 41.8 125.4
150 156.6 0.0 341.0





#73
Isopropylbenzene
Concen: 0.598 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

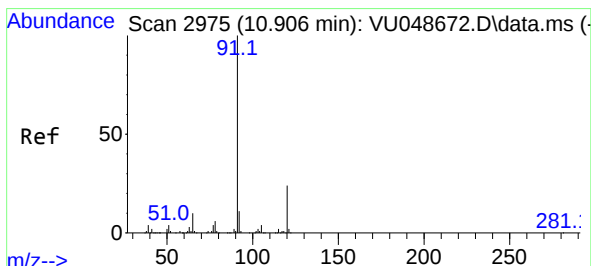
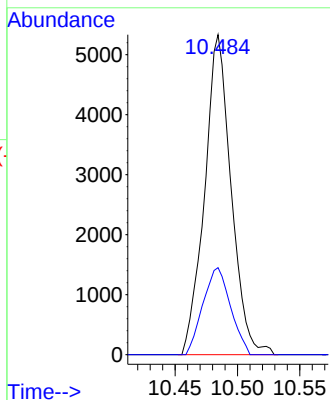
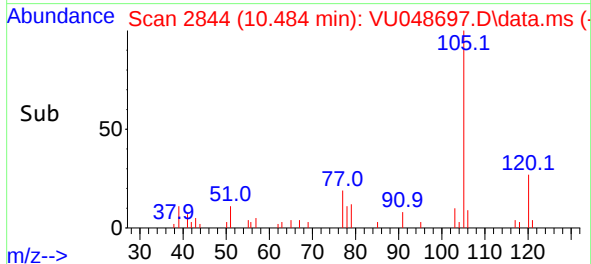
Instrument :
MSVOA_U
ClientSampleId :
MW-05



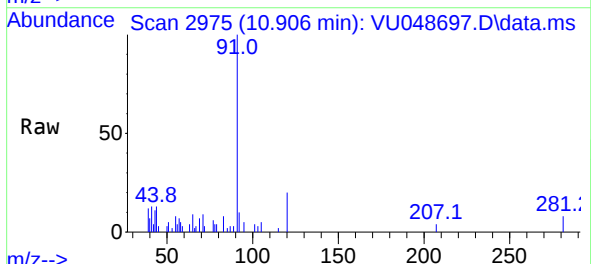
Tgt Ion:105 Resp: 7905
Ion Ratio Lower Upper
105 100
120 28.1 12.9 38.6

Manual Integrations
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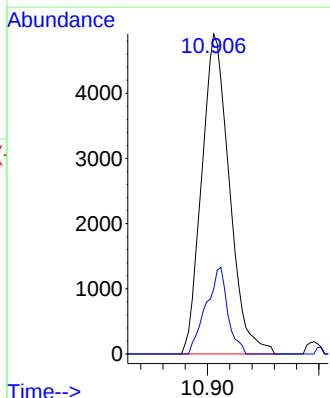
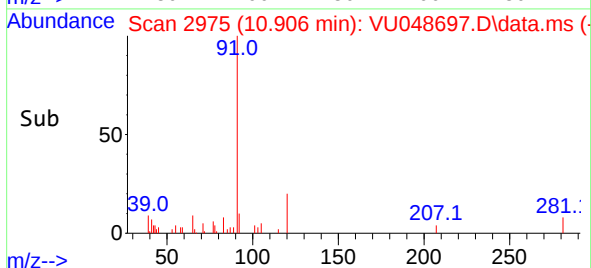
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

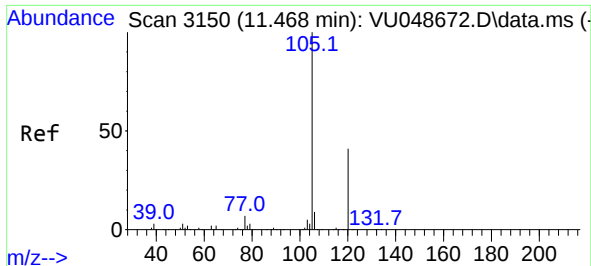


#78
n-propylbenzene
Concen: 0.538 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38



Tgt Ion: 91 Resp: 8477
Ion Ratio Lower Upper
91 100
120 21.1 11.6 34.7





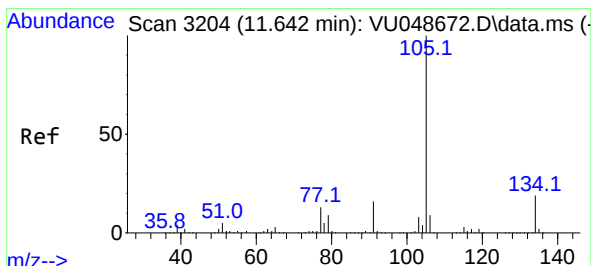
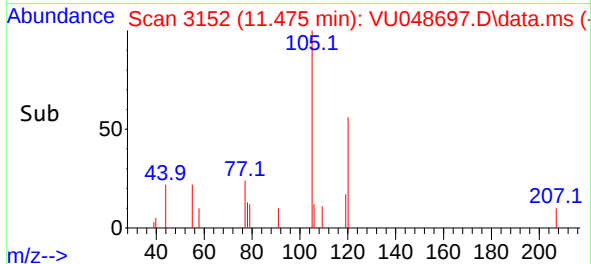
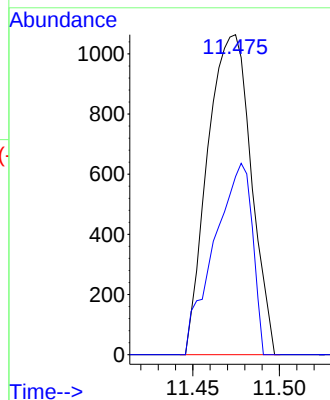
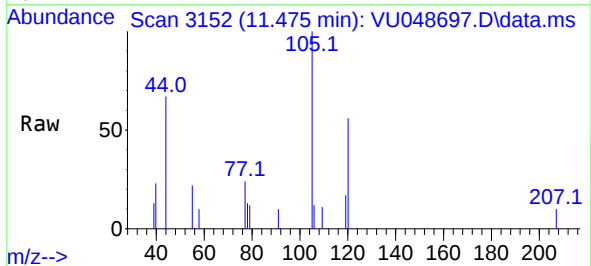
#84
1,2,4-Trimethylbenzene
Concen: 1.333 ug/l
RT: 11.475 min Scan# 3150
Delta R.T. 0.007 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

Instrument :
MSVOA_U
ClientSampleId :
MW-05

Tgt Ion:105 Resp: 1858
Ion Ratio Lower Upper
105 100
120 52.3 22.5 67.5

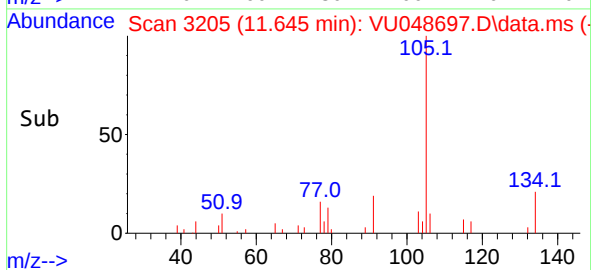
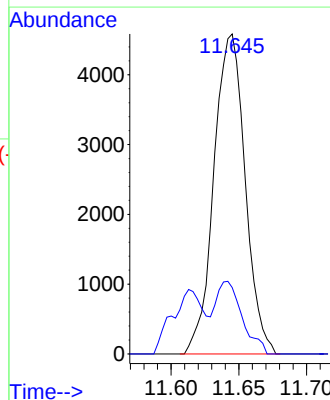
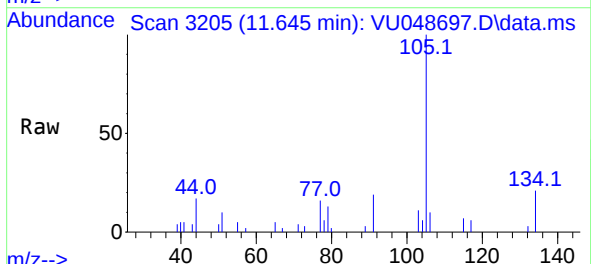
Manual Integrations
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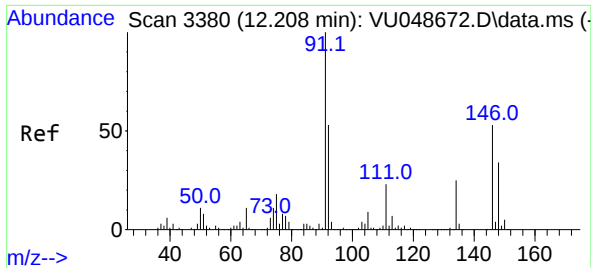
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#85
sec-Butylbenzene
Concen: 0.533 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048697.D
Acq: 27 May 2022 16:38

Tgt Ion:105 Resp: 7353
Ion Ratio Lower Upper
105 100
134 18.9 9.6 28.6





#89

n-Butylbenzene

Concen: 2.404 ug/l m

RT: 12.201 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU048697.D

Acq: 27 May 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MW-05

Tgt Ion: 91 Resp: 2714

Ion Ratio Lower Upper

91 100

92 0.0 25.9 77.8

134 284.5 12.5 37.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022

