

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048716.D
 Acq On : 28 May 2022 01:14
 Operator : SY/MD
 Sample : N3033-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-9

Quant Time: May 30 02:58:33 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	218491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	379441	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	381177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	216421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	174000	53.028	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.060%			
35) Dibromofluoromethane	5.292	113	146447	54.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.200%			
50) Toluene-d8	7.899	98	452638	46.646	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.300%			
62) 4-Bromofluorobenzene	10.632	95	214066	58.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.660%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.173	59	23366	28.087	ug/l #	41
16) Acetone	2.620	43	8819m	5.274	ug/l	
22) Diisopropyl ether	3.999	45	2574	0.324	ug/l #	77
40) Benzene	5.777	78	60928	5.224	ug/l	99
67) Ethyl Benzene	9.571	91	77065	5.668	ug/l	98
68) m/p-Xylenes	9.697	106	4470	0.841	ug/l	95
69) o-Xylene	10.102	106	15513	2.969	ug/l	92
73) Isopropylbenzene	10.484	105	60380	4.321	ug/l	99
78) n-propylbenzene	10.906	91	25042	1.504	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	2187m	1.350	ug/l	
85) sec-Butylbenzene	11.645	105	15191	1.041	ug/l	100
89) n-Butylbenzene	12.205	91	2123m	2.347	ug/l	
95) Naphthalene	14.089	128	54174	5.552	ug/l	97

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

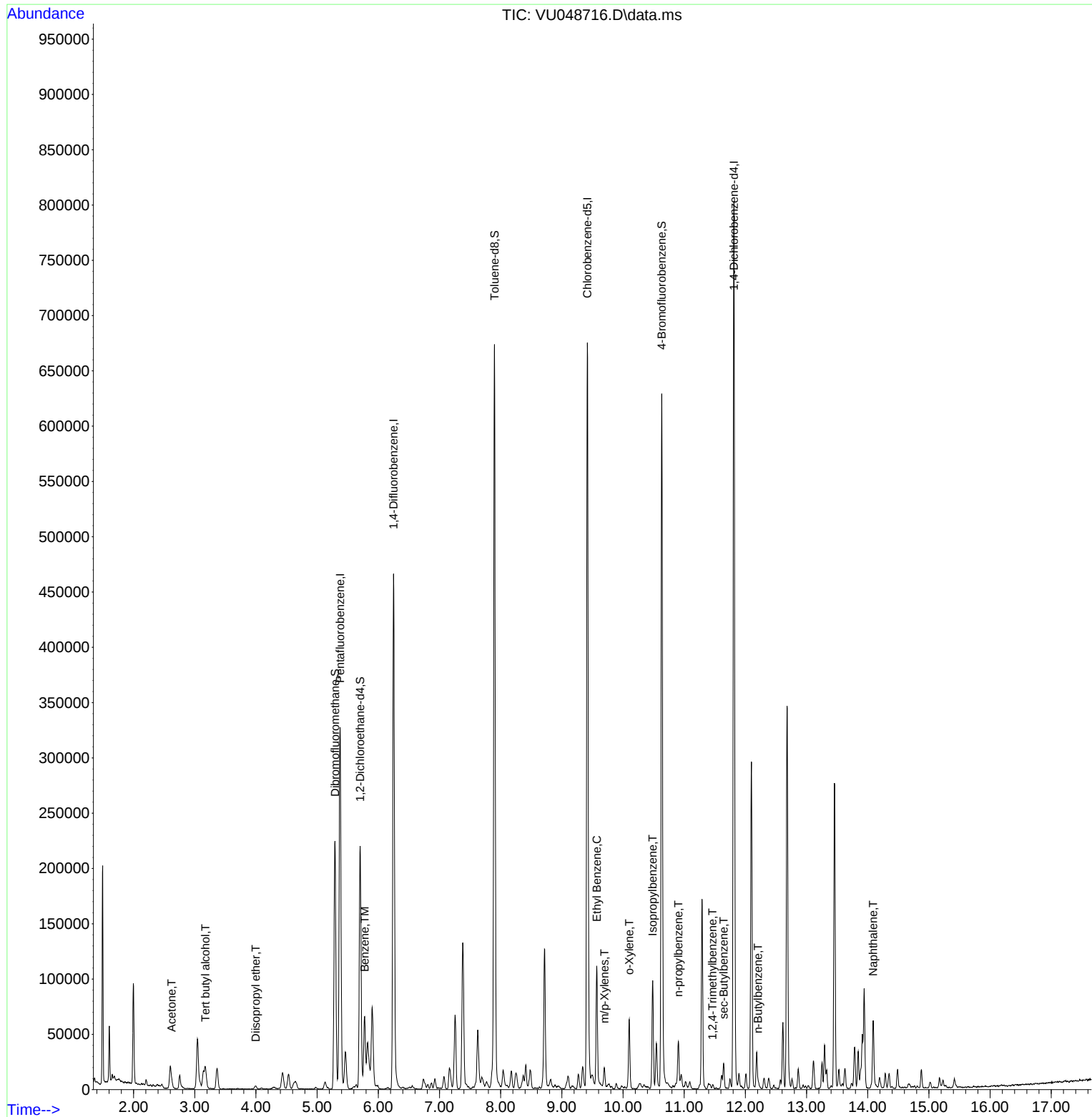
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048716.D
Acq On : 28 May 2022 01:14
Operator : SY/MD
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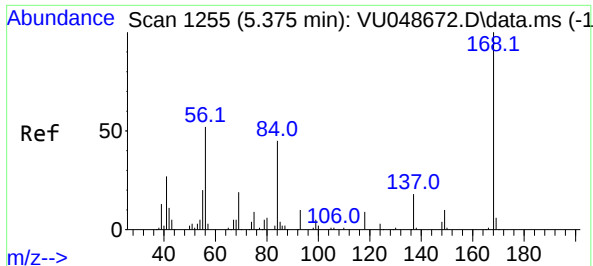
Instrument :
MSVOA_U
ClientSampleId :
TW-9

Quant Time: May 30 02:58:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
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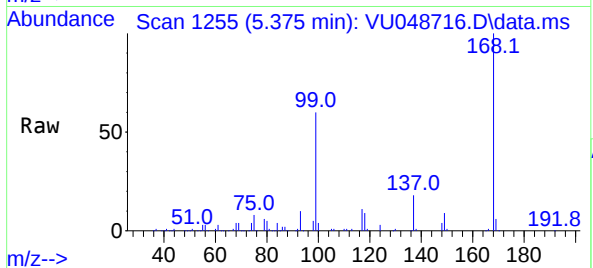
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

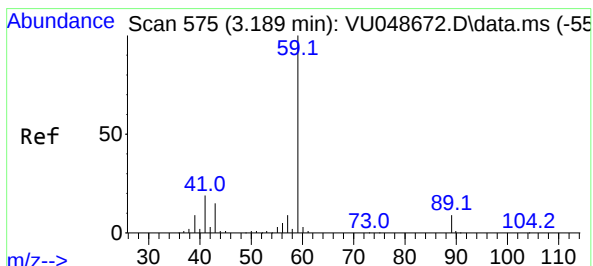
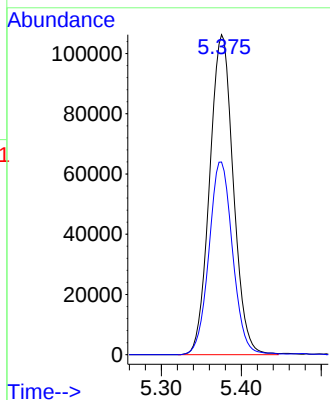
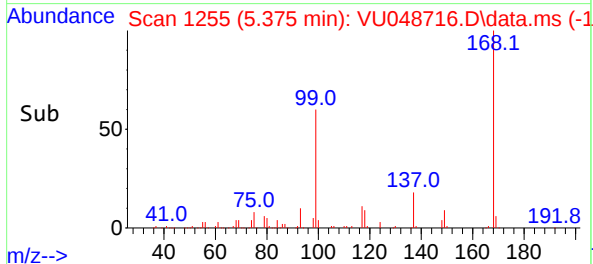
Instrument :
MSVOA_U
ClientSampleId :
TW-9



Tgt Ion:168 Resp: 21849
Ion Ratio Lower Upper
168 100
99 60.2 49.3 73.9

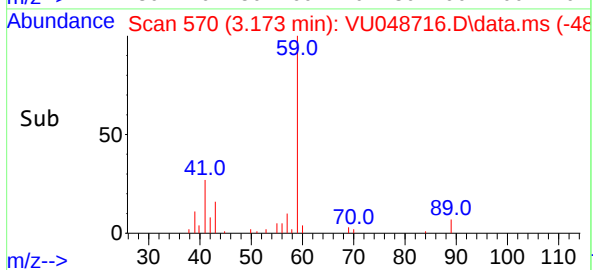
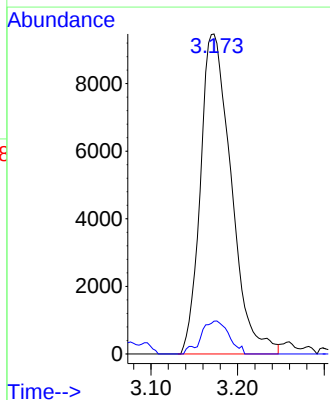
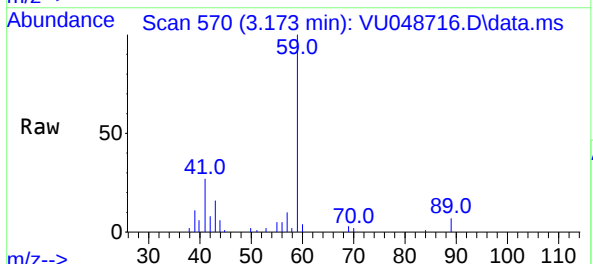
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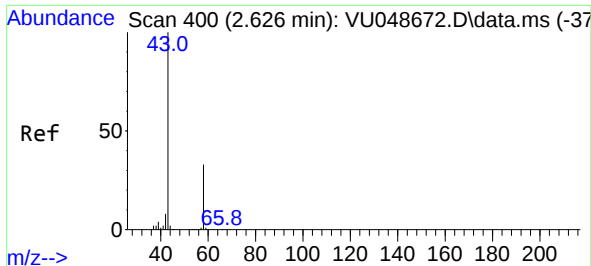
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#11
Tert butyl alcohol
Concen: 28.087 ug/l
RT: 3.173 min Scan# 570
Delta R.T. -0.016 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

Tgt Ion: 59 Resp: 23366
Ion Ratio Lower Upper
59 100
57 9.3 39.7 59.5#





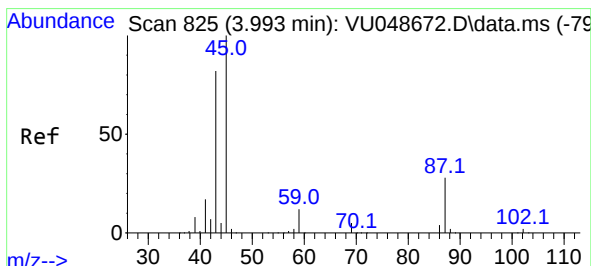
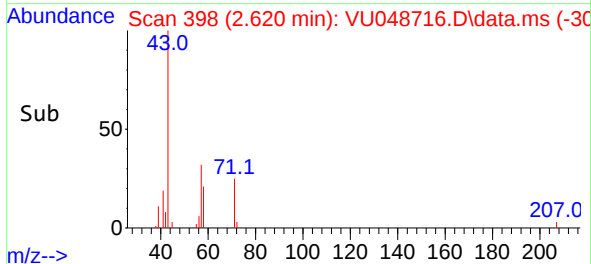
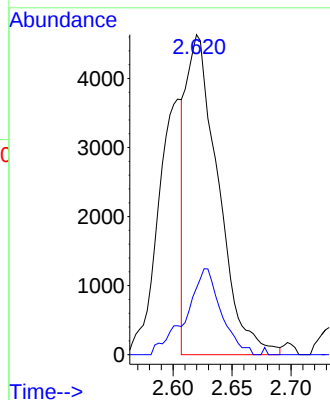
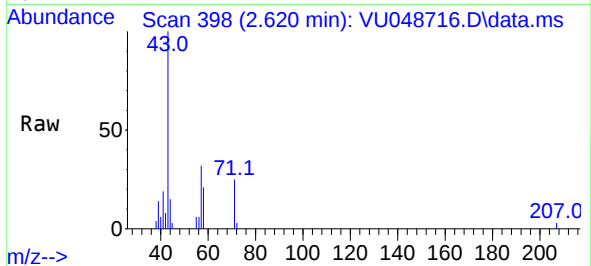
#16
Acetone
Concen: 5.274 ug/l m
RT: 2.620 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

Instrument :
MSVOA_U
ClientSampleId :
TW-9

Tgt Ion: 43 Resp: 8819
Ion Ratio Lower Upper
43 100
58 20.8 26.3 39.5

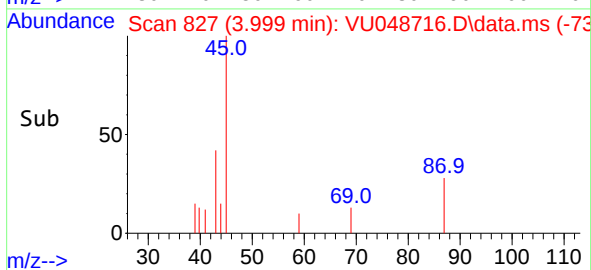
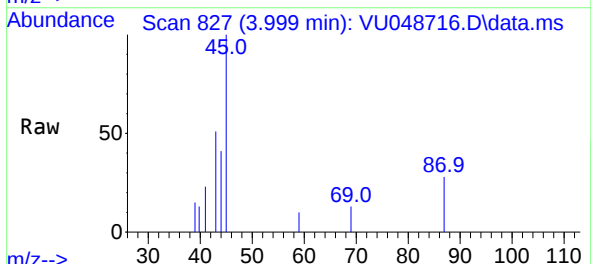
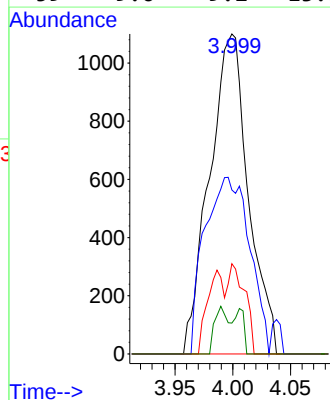
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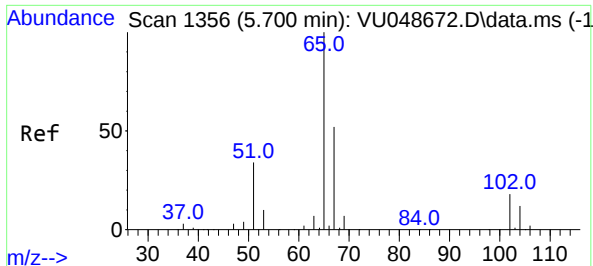
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#22
Diisopropyl ether
Concen: 0.324 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.006 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

Tgt Ion: 45 Resp: 2574
Ion Ratio Lower Upper
45 100
43 51.3 65.2 97.8#
87 28.2 22.7 34.1
59 9.6 9.2 13.8





#33

1,2-Dichloroethane-d4

Concen: 53.028 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048716.D

Acq: 28 May 2022 01:14

Instrument :

MSVOA_U

ClientSampleId :

TW-9

Tgt Ion: 65 Resp: 174000

Ion Ratio Lower Upper

65 100

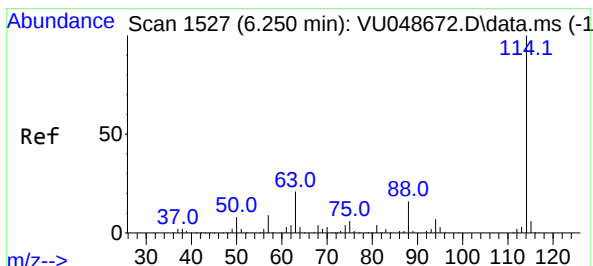
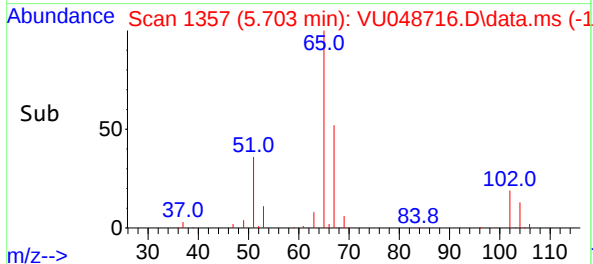
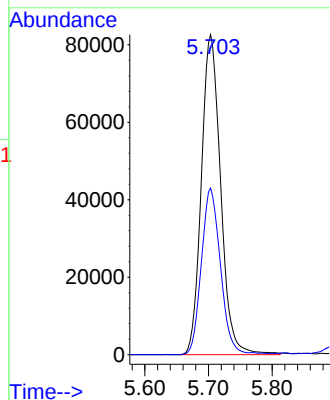
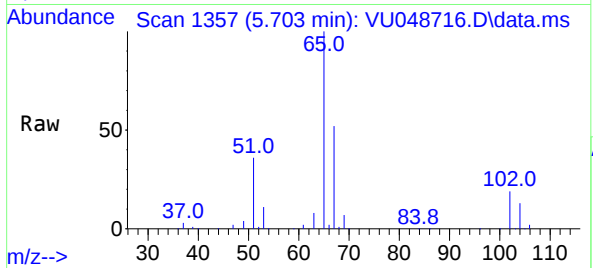
67 51.1 0.0 103.0

Manual Integrations

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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: VU048716.D

Acq: 28 May 2022 01:14

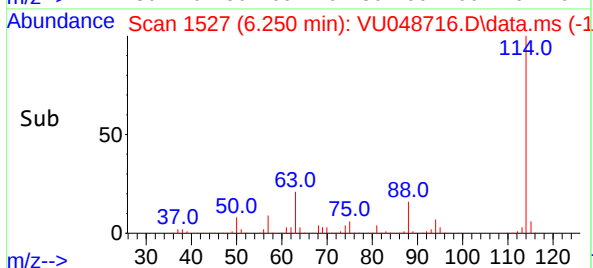
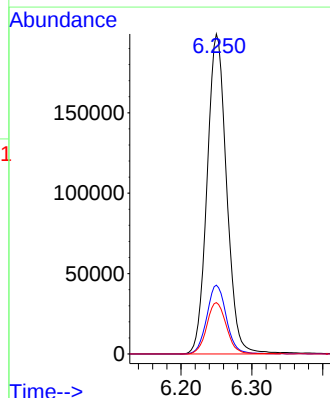
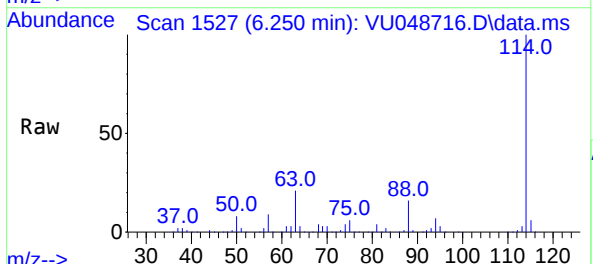
Tgt Ion:114 Resp: 379441

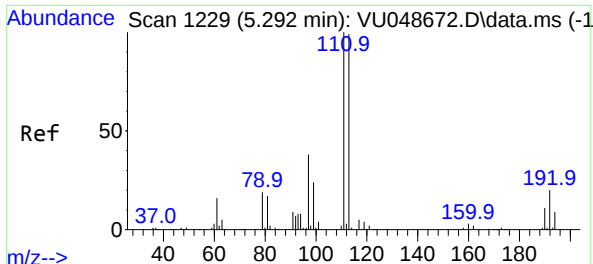
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

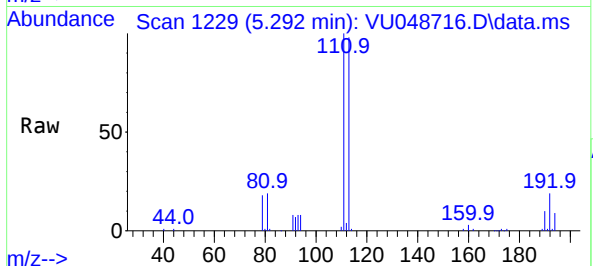
88 16.0 0.0 32.2





#35
Dibromofluoromethane
Concen: 54.099 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

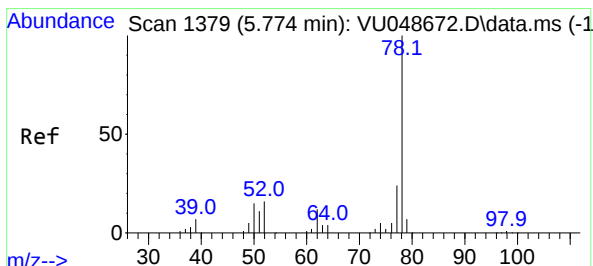
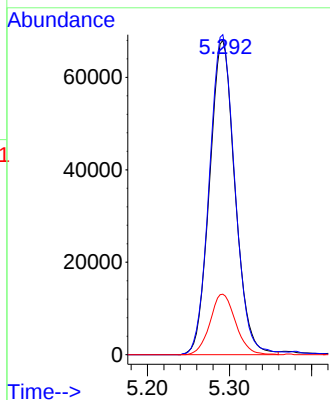
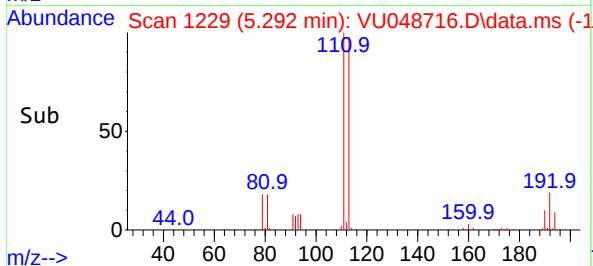
Instrument :
MSVOA_U
ClientSampleId :
TW-9



Tgt Ion:113 Resp: 14644
Ion Ratio Lower Upper
113 100
111 102.3 80.7 121.1
192 19.4 15.9 23.9

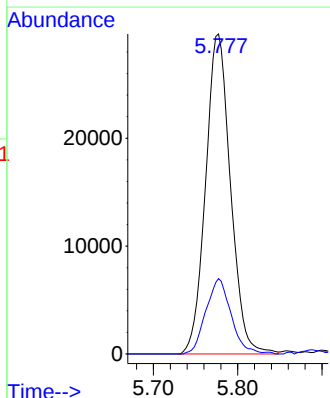
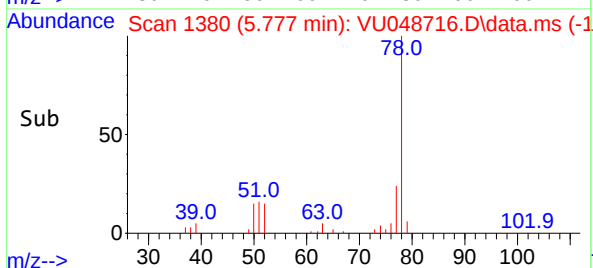
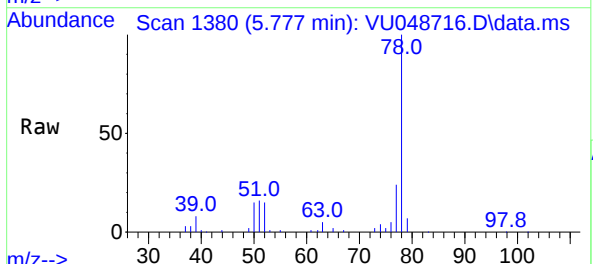
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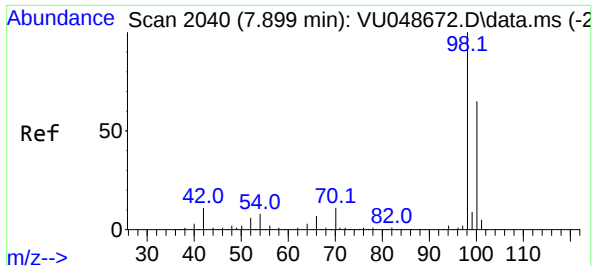
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#40
Benzene
Concen: 5.224 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

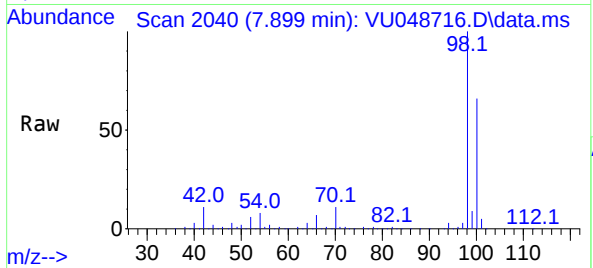
Tgt Ion: 78 Resp: 60928
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#50
Toluene-d8
Concen: 46.646 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

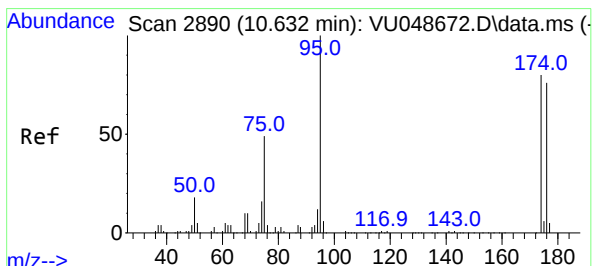
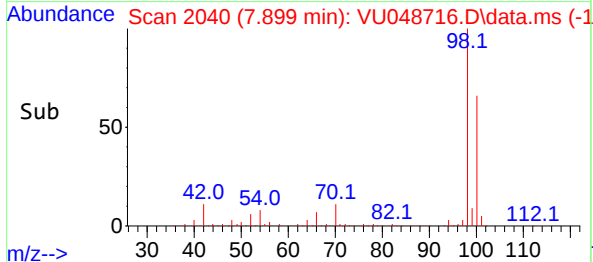
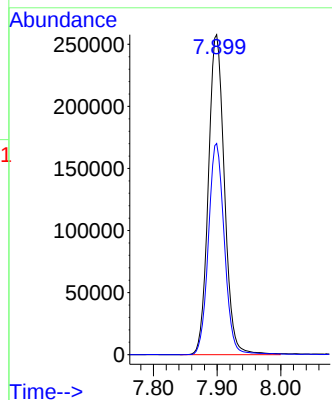
Instrument :
MSVOA_U
ClientSampleId :
TW-9



Tgt Ion: 98 Resp: 452638
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

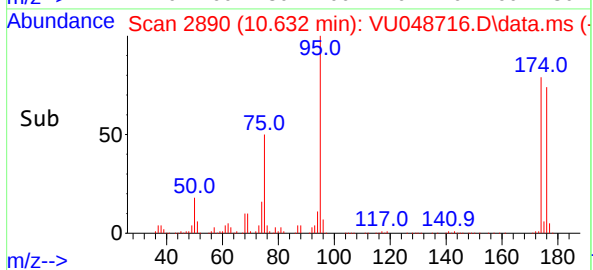
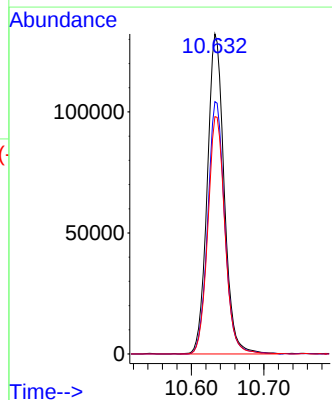
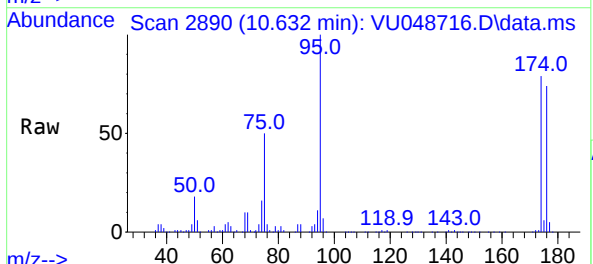
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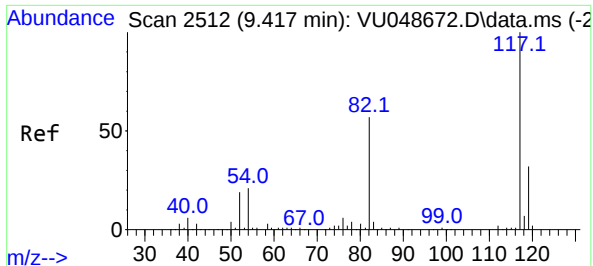
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#62
4-Bromofluorobenzene
Concen: 58.331 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

Tgt Ion: 95 Resp: 214066
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.4
176 74.9 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: VU048716.D

Acq: 28 May 2022 01:14

Instrument :

MSVOA_U

ClientSampleId :

TW-9

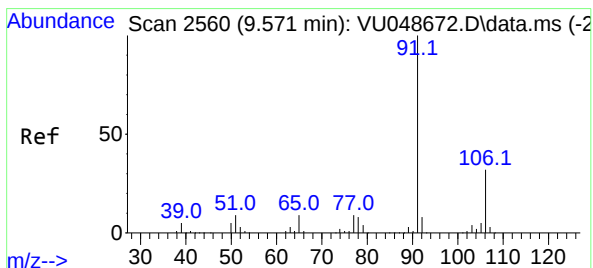
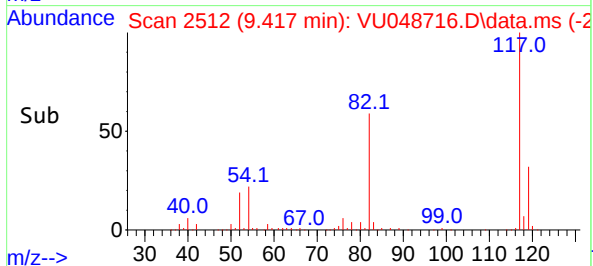
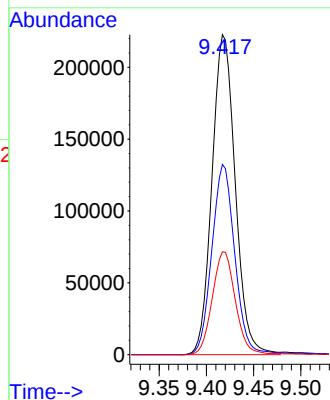
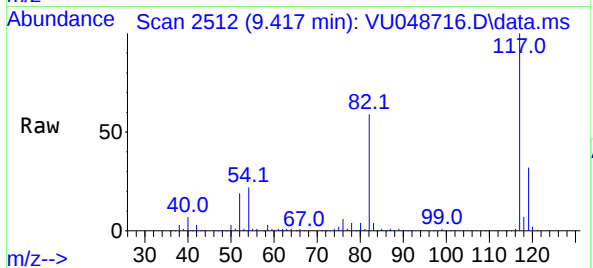
Tgt Ion:117	Resp: 38117
Ion Ratio	Lower Upper
117 100	
82 59.5	45.3 67.9
119 32.2	25.4 38.2

Manual Integrations

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Supervised By :Mahesh Dadoda 05/31/2022



#67

Ethyl Benzene

Concen: 5.668 ug/l

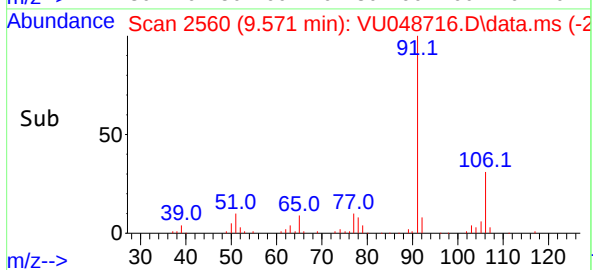
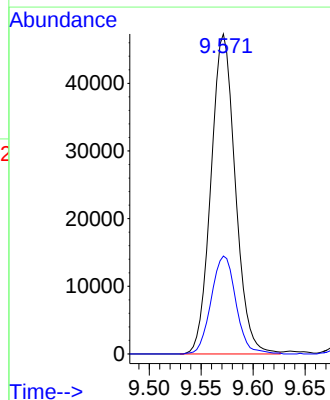
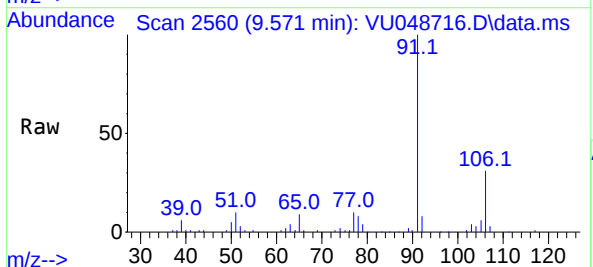
RT: 9.571 min Scan# 2560

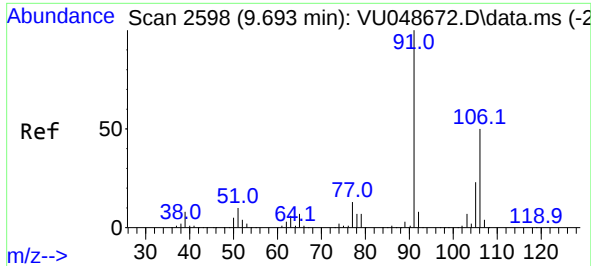
Delta R.T. 0.000 min

Lab File: VU048716.D

Acq: 28 May 2022 01:14

Tgt Ion: 91	Resp: 77065
Ion Ratio	Lower Upper
91 100	
106 30.6	25.4 38.2





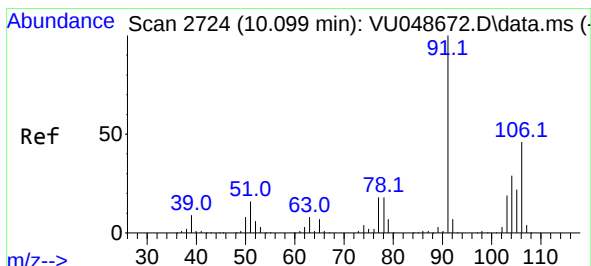
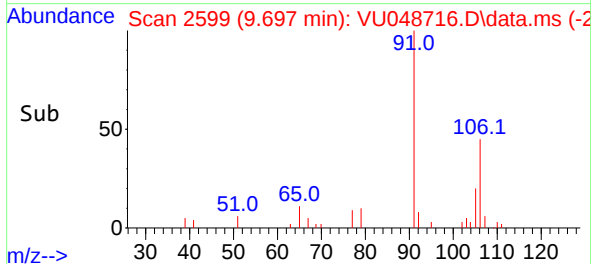
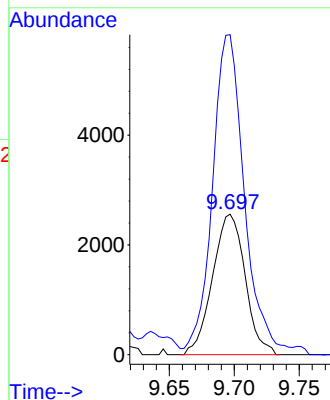
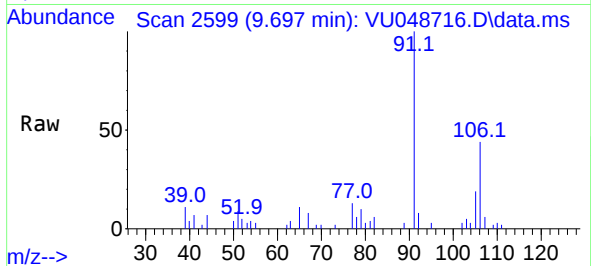
#68
m/p-Xylenes
Concen: 0.841 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

Instrument :
MSVOA_U
ClientSampleId :
TW-9

Tgt Ion:106 Resp: 4470
Ion Ratio Lower Upper
106 100
91 210.0 162.4 243.6

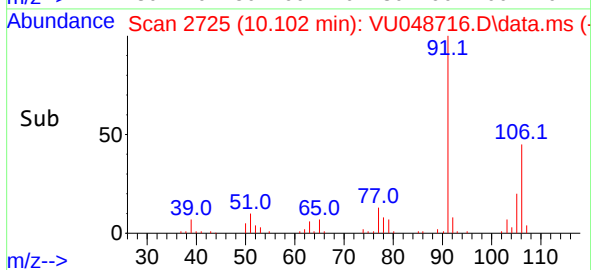
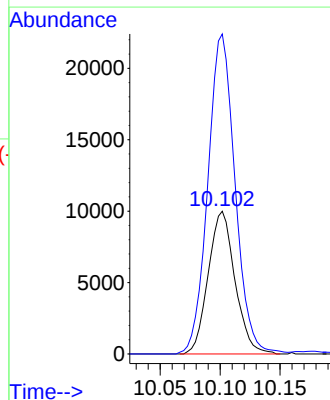
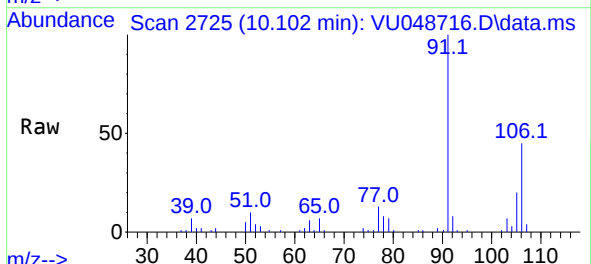
Manual Integrations
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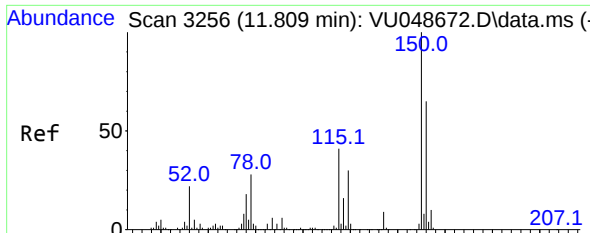
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#69
o-Xylene
Concen: 2.969 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

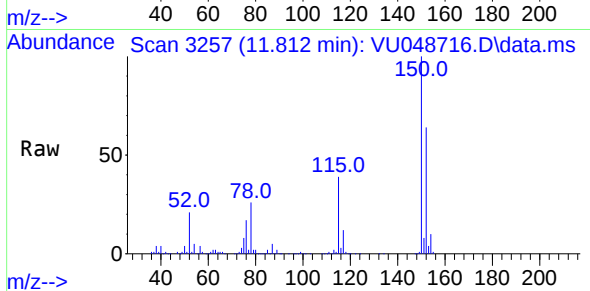
Tgt Ion:106 Resp: 15513
Ion Ratio Lower Upper
106 100
91 228.2 107.7 323.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

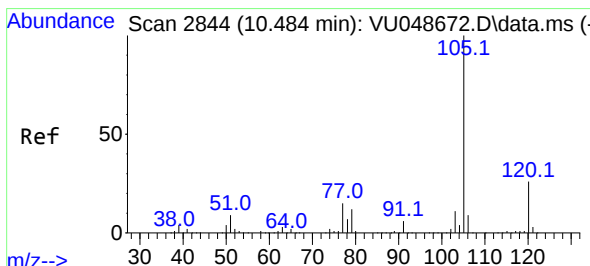
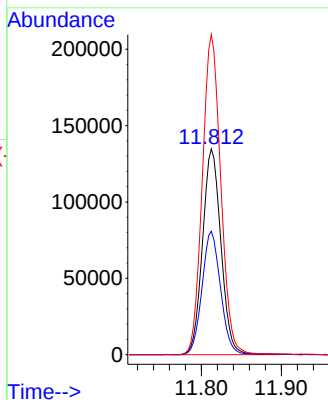
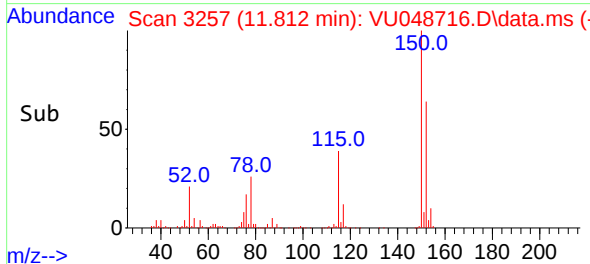
Instrument :
MSVOA_U
ClientSampleId :
TW-9



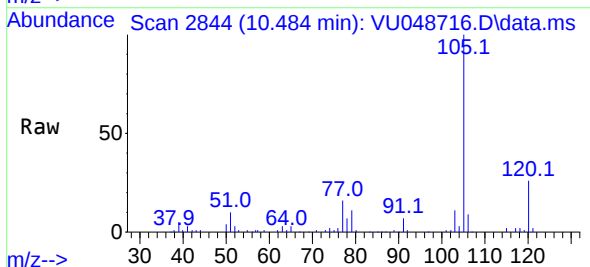
Tgt Ion:152 Resp: 21642
Ion Ratio Lower Upper
152 100
115 60.2 41.8 125.4
150 155.8 0.0 341.0

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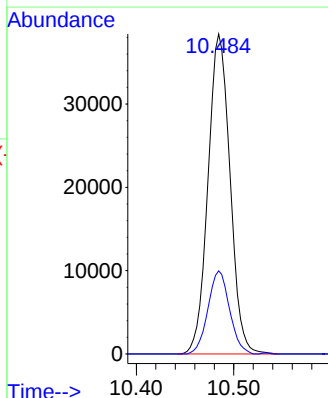
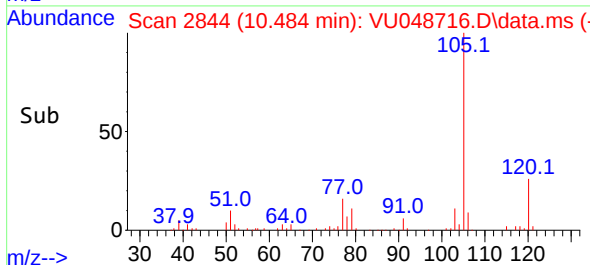
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

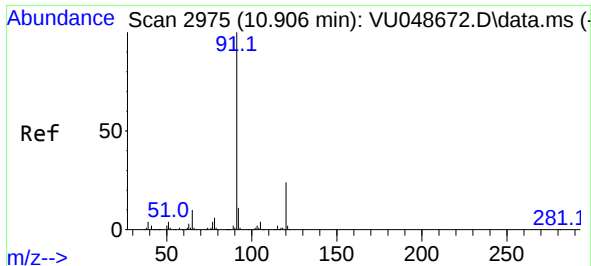


#73
Isopropylbenzene
Concen: 4.321 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14



Tgt Ion:105 Resp: 60380
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6





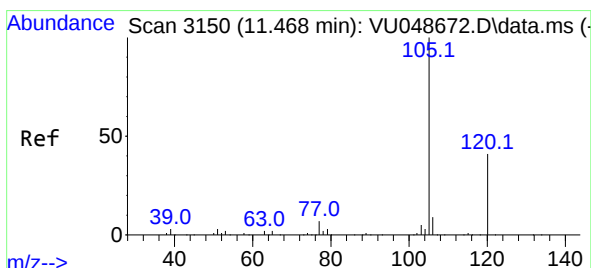
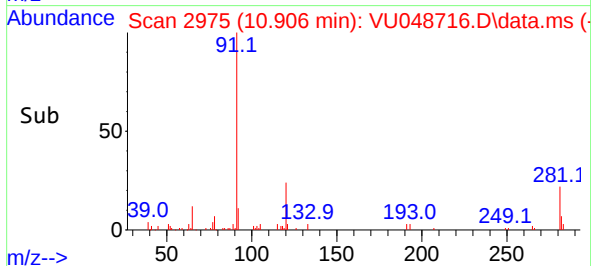
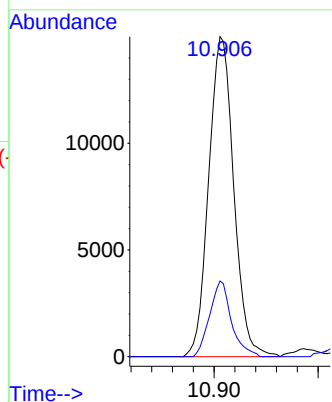
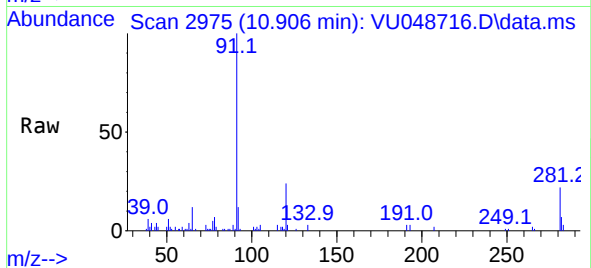
#78
n-propylbenzene
Concen: 1.504 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

Instrument :
MSVOA_U
ClientSampleId :
TW-9

Tgt Ion: 91 Resp: 2504
Ion Ratio Lower Upper
91 100
120 20.5 11.6 34.7

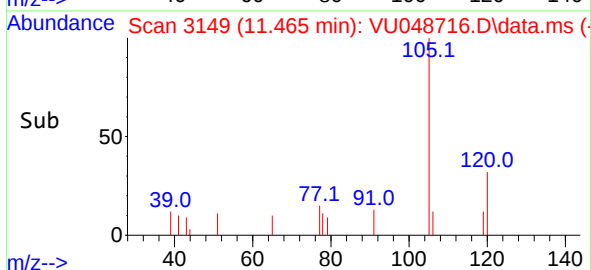
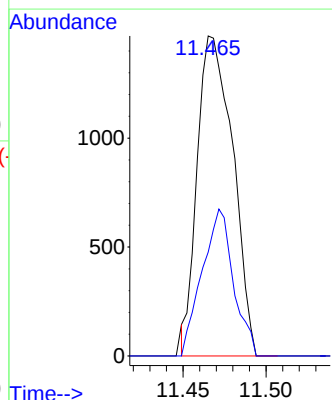
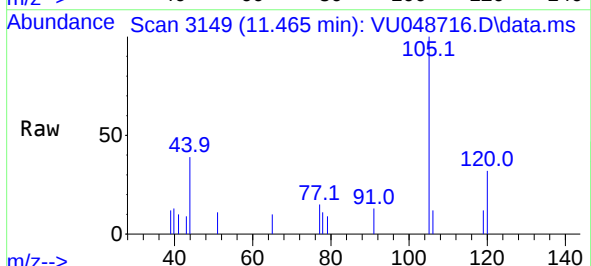
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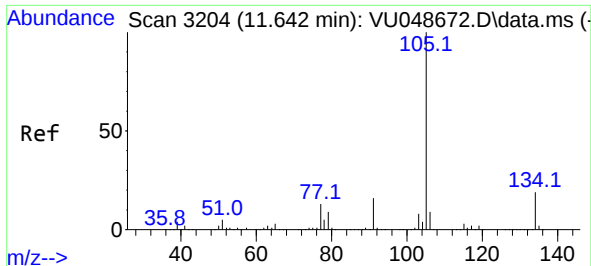
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 1.350 ug/l m
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

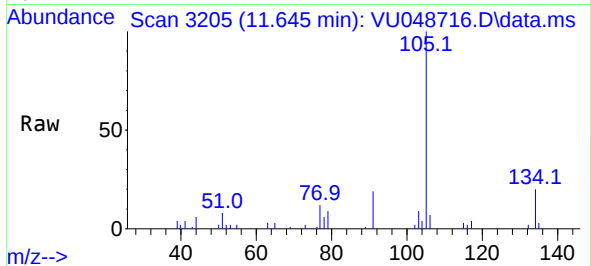
Tgt Ion:105 Resp: 2187
Ion Ratio Lower Upper
105 100
120 1448.6 22.5 67.5#





#85
sec-Butylbenzene
Concen: 1.041 ug/l
RT: 11.645 min Scan# 3198
Delta R.T. 0.003 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

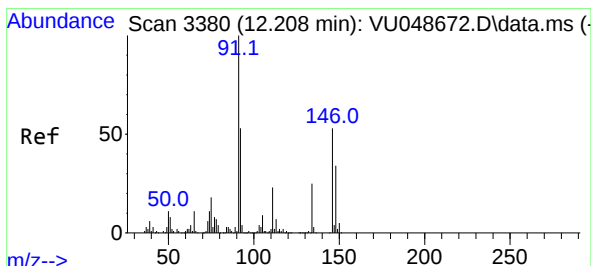
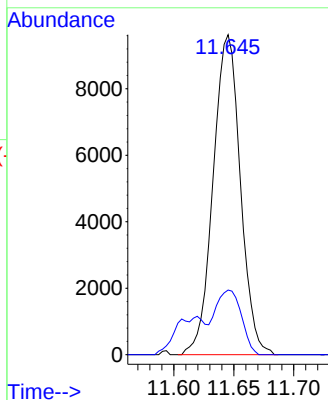
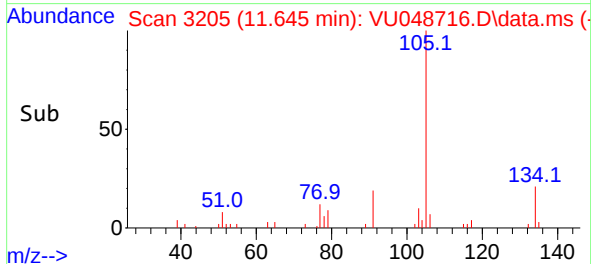
Instrument :
MSVOA_U
ClientSampleId :
TW-9



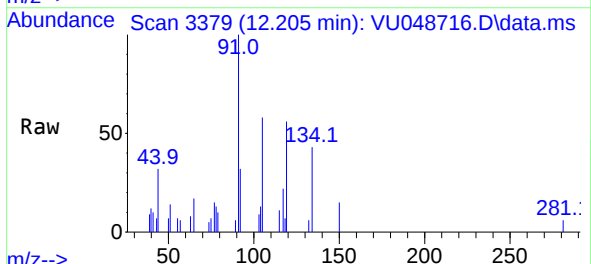
Tgt Ion:105 Resp: 1519
Ion Ratio Lower Upper
105 100
134 19.0 9.6 28.6

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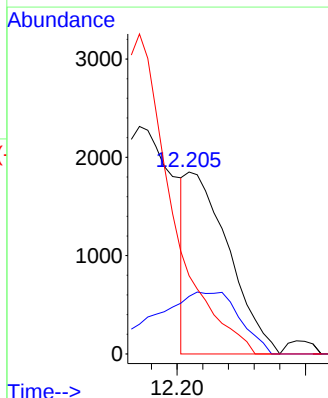
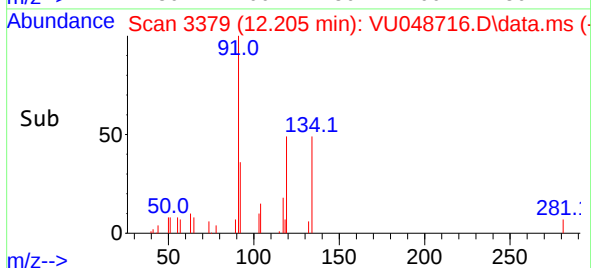
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

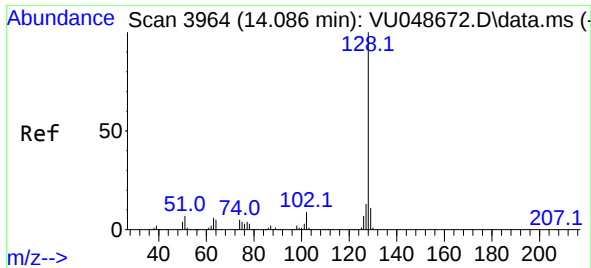


#89
n-Butylbenzene
Concen: 2.347 ug/l m
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14



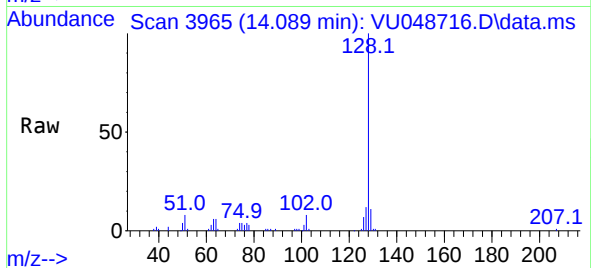
Tgt Ion: 91 Resp: 2123
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.8#
134 249.4 12.5 37.5#





#95
Naphthalene
Concen: 5.552 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048716.D
Acq: 28 May 2022 01:14

Instrument :
MSVOA_U
ClientSampleId :
TW-9



Tgt Ion:128 Resp: 54174
Ion Ratio Lower Upper
128 100
127 11.5 10.2 15.4
129 11.8 8.7 13.1

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

