

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048741.D
 Acq On : 31 May 2022 15:56
 Operator : SY/MD
 Sample : N3033-07DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-20DL

Quant Time: Jun 01 02:17:57 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	5.375	168	241365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	412696	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	385255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	200581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	192195	53.022	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.040%			
35) Dibromofluoromethane	5.292	113	148468	50.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	7.899	98	523913	49.641	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.280%			
62) 4-Bromofluorobenzene	10.633	95	206185	51.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.320%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.189	59	8369	9.107	ug/l #	28
19) Methyl tert-butyl Ether	3.363	73	7482	0.803	ug/l #	1
31) Cyclohexane	5.382	56	15423	3.376	ug/l #	49
39) Methylcyclohexane	6.765	83	8263	1.834	ug/l	96
52) Toluene	7.970	92	21738	2.865	ug/l	98
67) Ethyl Benzene	9.571	91	473551	34.458	ug/l	98
68) m/p-Xylenes	9.694	106	340379	63.327	ug/l	99
69) o-Xylene	10.102	106	175296	33.196	ug/l	99
73) Isopropylbenzene	10.485	105	27606	2.132	ug/l	99
78) n-propylbenzene	10.906	91	81887	5.307	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	108980	9.677	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	436737	36.318	ug/l	98
85) sec-Butylbenzene	11.645	105	4825m	0.357	ug/l	
89) n-Butylbenzene	12.195	91	6308m	2.704	ug/l	
95) Naphthalene	14.086	128	207907	15.034	ug/l	99

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

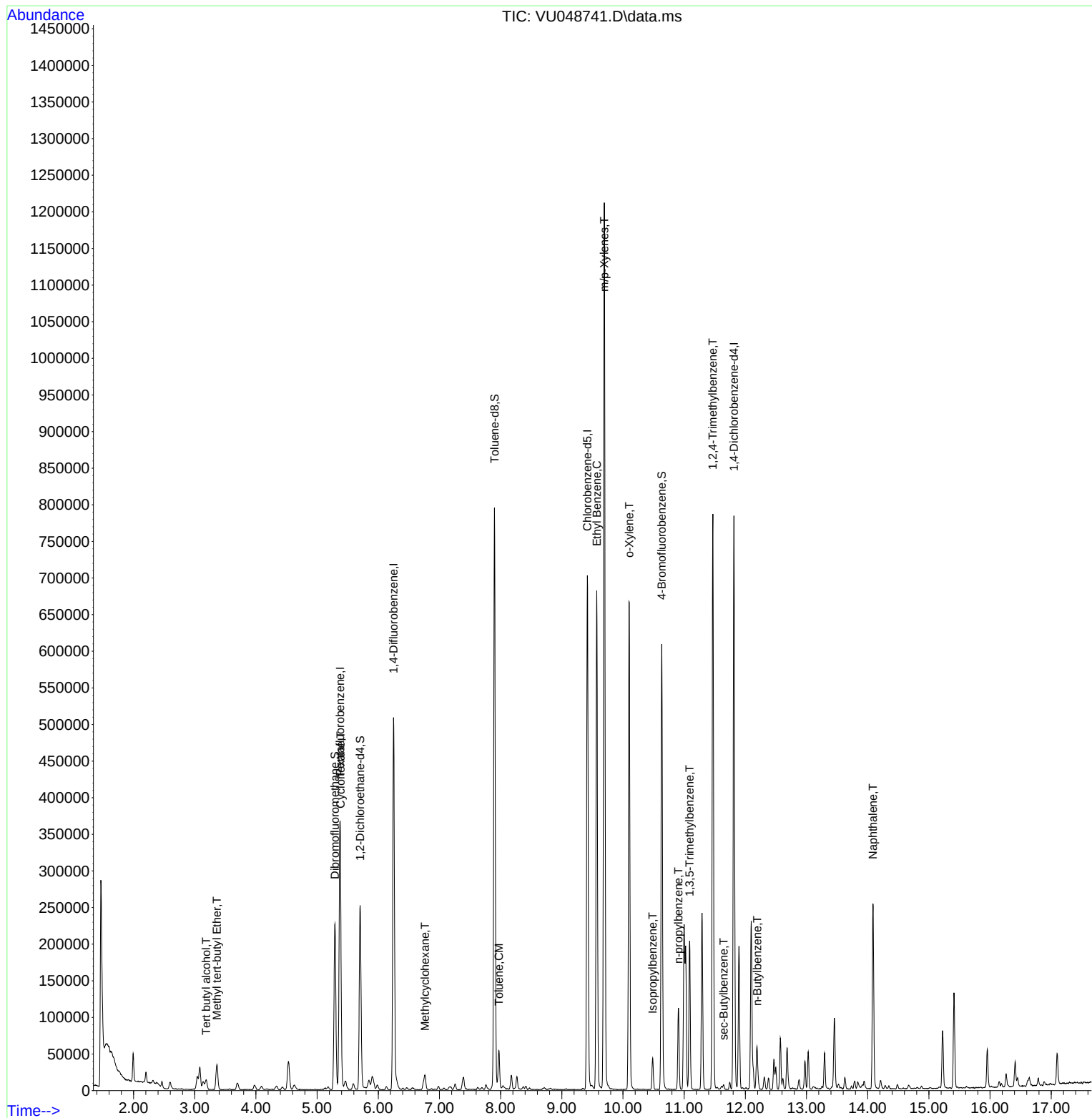
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048741.D
Acq On : 31 May 2022 15:56
Operator : SY/MD
Sample : N3033-07DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

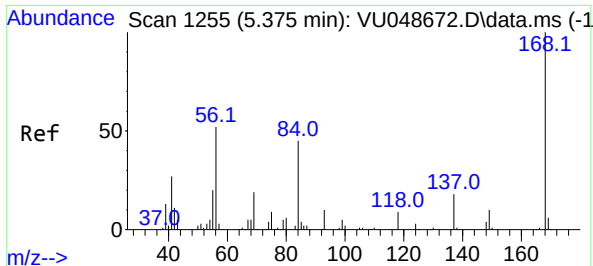
Instrument :
MSVOA_U
ClientSampleId :
TW-20DL

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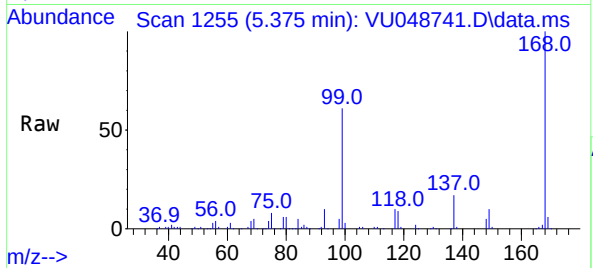
Quant Time: Jun 01 02:17:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

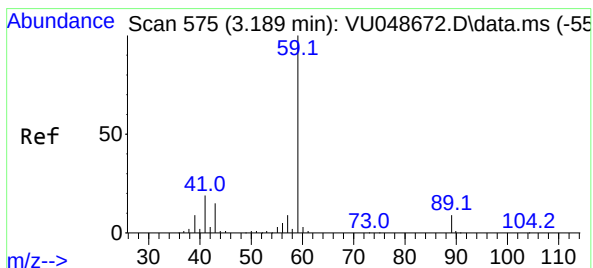
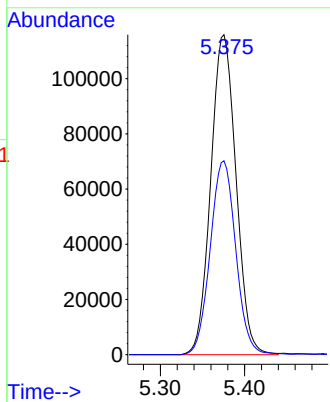
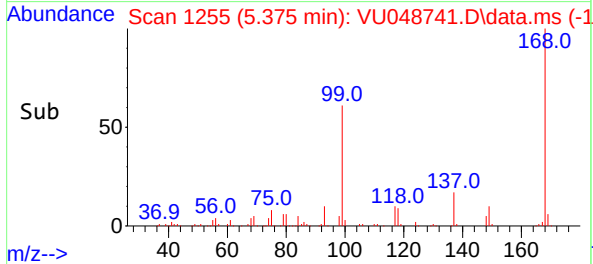
Instrument :
MSVOA_U
ClientSampleId :
TW-20DL



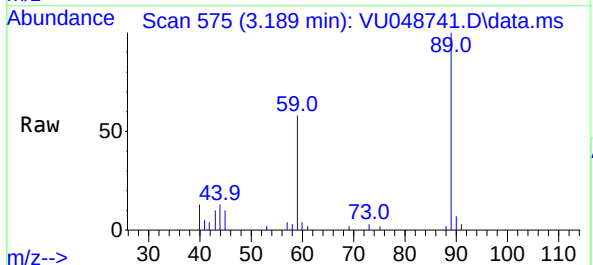
Tgt Ion:168 Resp: 24136
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9

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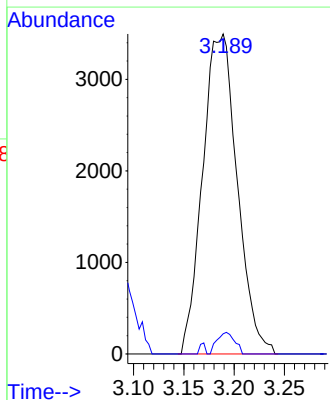
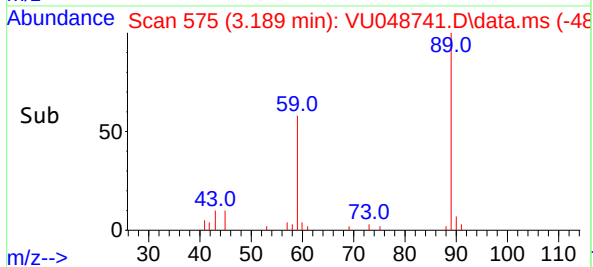
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

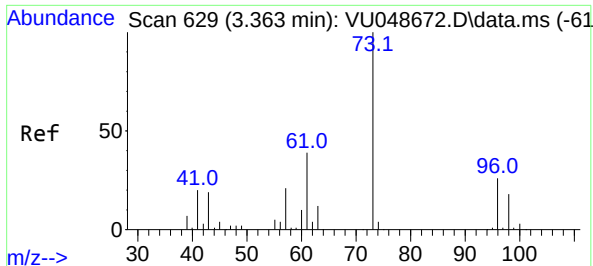


#11
Tert butyl alcohol
Concen: 9.107 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56



Tgt Ion: 59 Resp: 8369
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#





#19

Methyl tert-butyl Ether

Concen: 0.803 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048741.D

Acq: 31 May 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

TW-20DL

Tgt Ion: 73 Resp: 748

Ion Ratio Lower Upper

73 100

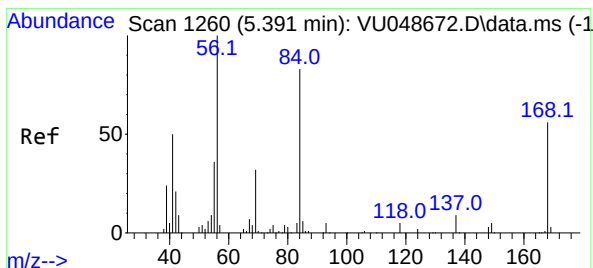
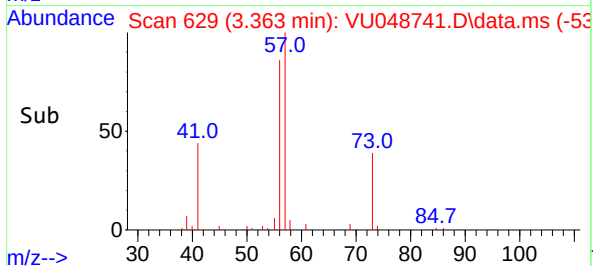
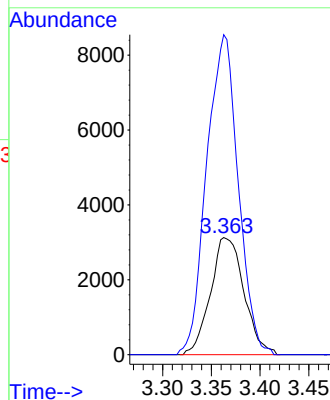
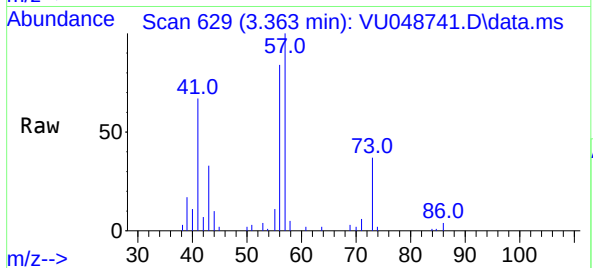
57 273.0 17.1 25.7

Manual Integrations

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#31

Cyclohexane

Concen: 3.376 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.009 min

Lab File: VU048741.D

Acq: 31 May 2022 15:56

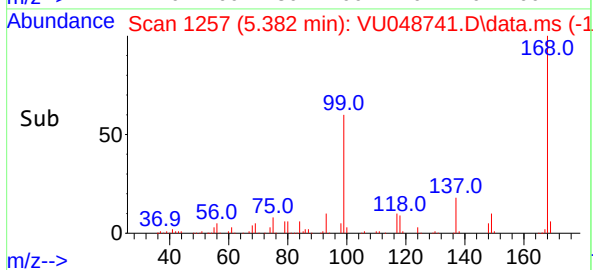
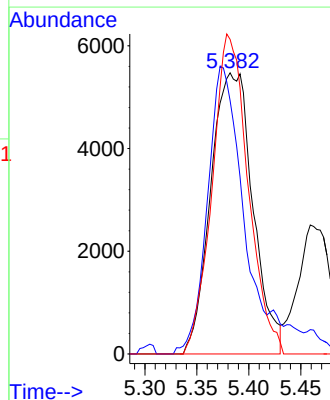
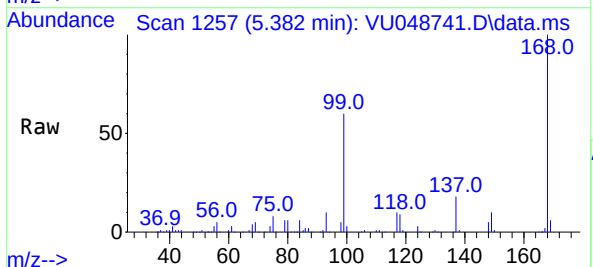
Tgt Ion: 56 Resp: 15423

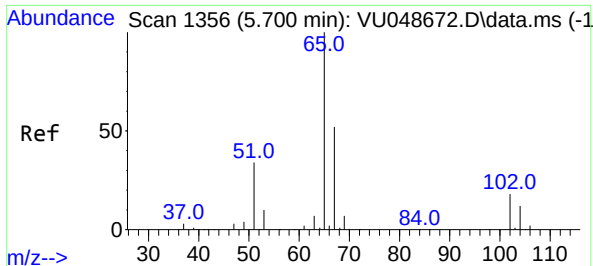
Ion Ratio Lower Upper

56 100

69 87.9 25.6 38.4#

84 111.9 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 53.022 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048741.D

Acq: 31 May 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

TW-20DL

Tgt Ion: 65 Resp: 19219

Ion Ratio Lower Upper

65 100

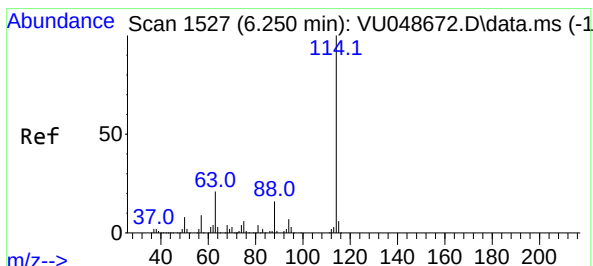
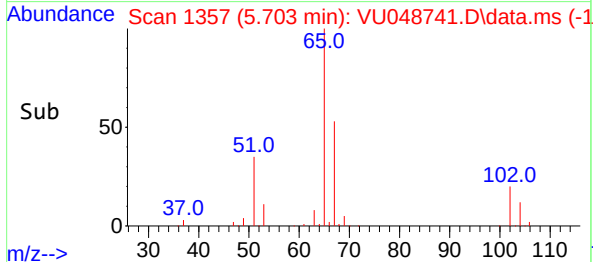
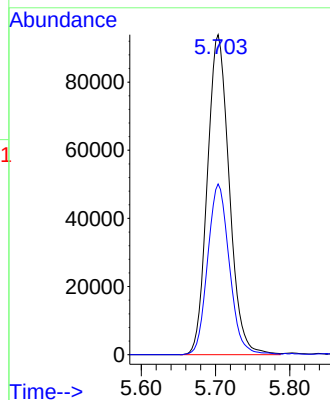
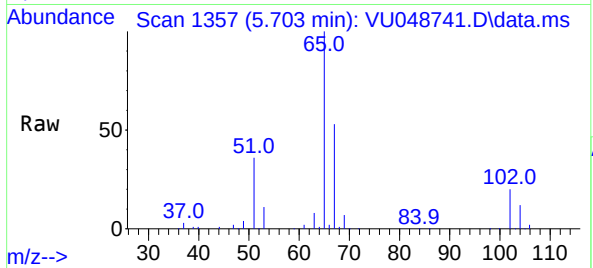
67 52.9 0.0 103.0

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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: VU048741.D

Acq: 31 May 2022 15:56

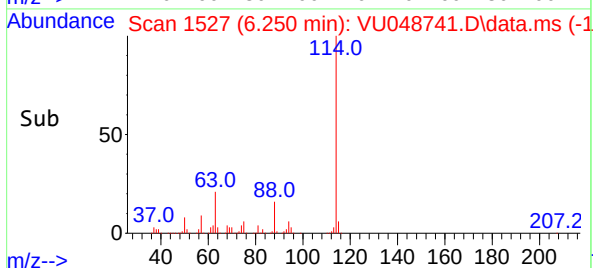
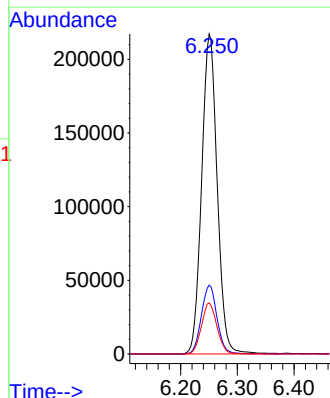
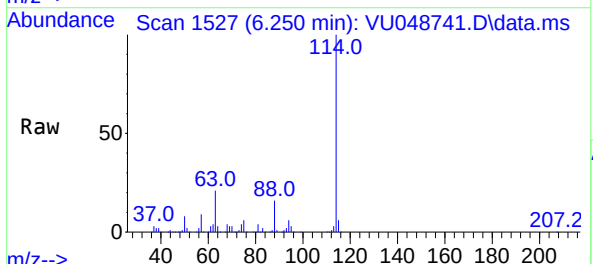
Tgt Ion:114 Resp: 412696

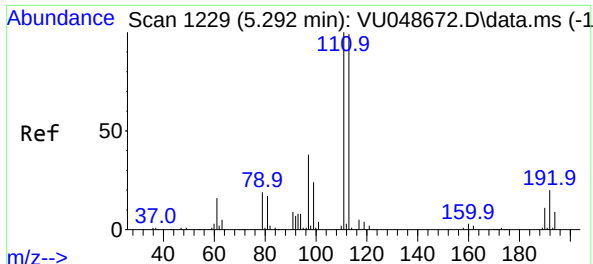
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

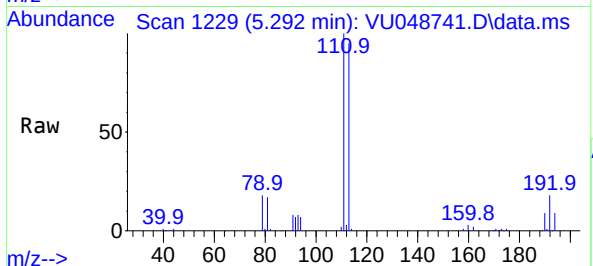
88 15.9 0.0 32.2





#35
Dibromofluoromethane
Concen: 50.426 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

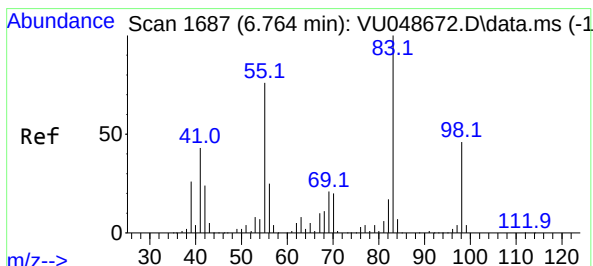
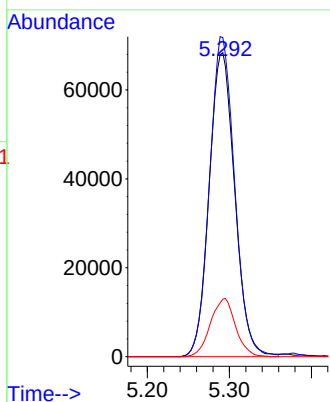
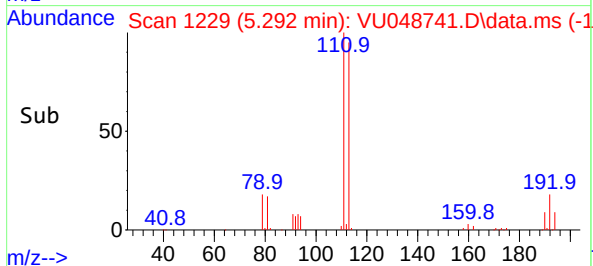
Instrument :
MSVOA_U
ClientSampleId :
TW-20DL



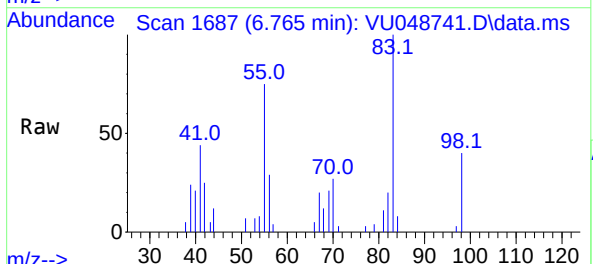
Tgt Ion: 113 Resp: 148468
Ion Ratio Lower Upper
113 100
111 102.9 80.7 121.1
192 18.8 15.9 23.9

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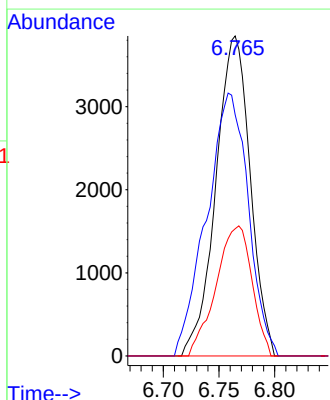
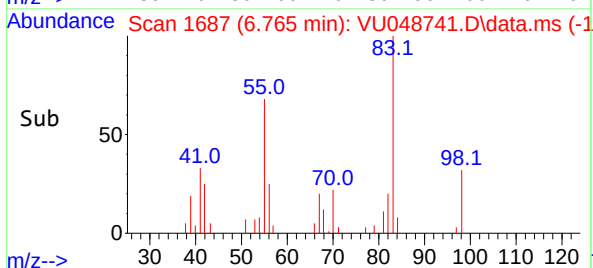
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

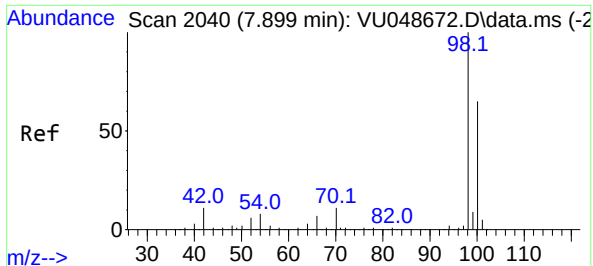


#39
Methylcyclohexane
Concen: 1.834 ug/l
RT: 6.765 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56



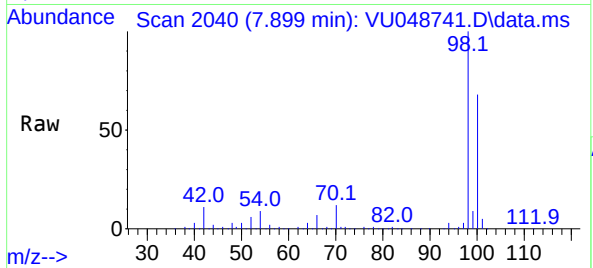
Tgt Ion: 83 Resp: 8263
Ion Ratio Lower Upper
83 100
55 75.4 61.0 91.6
98 39.8 36.8 55.2





#50
Toluene-d8
Concen: 49.641 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

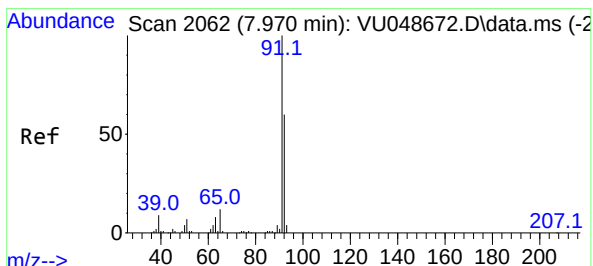
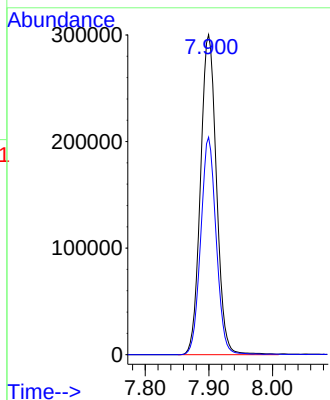
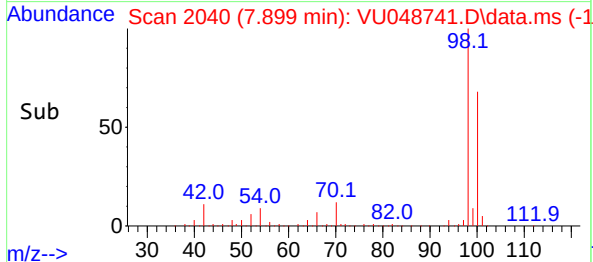
Instrument :
MSVOA_U
ClientSampleId :
TW-20DL



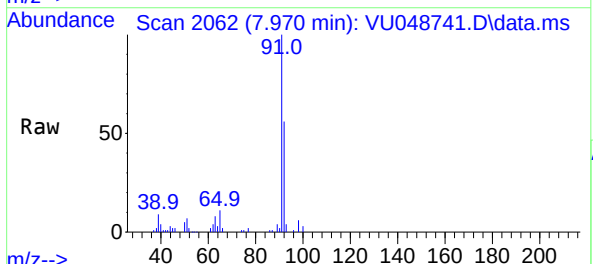
Tgt Ion: 98 Resp: 52391
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

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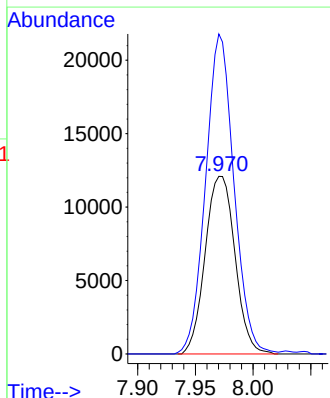
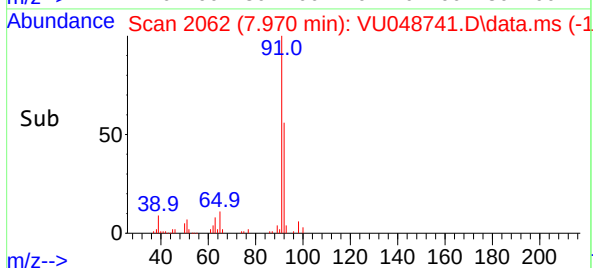
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

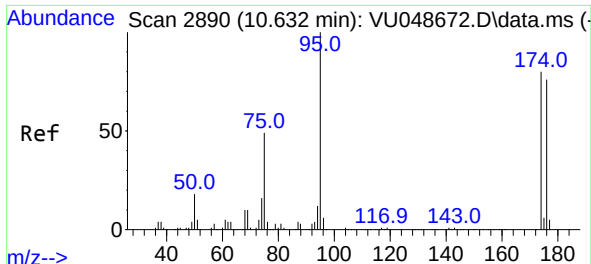


#52
Toluene
Concen: 2.865 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56



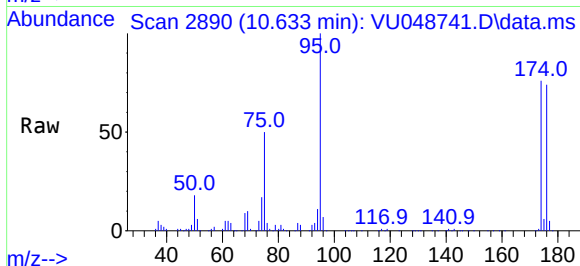
Tgt Ion: 92 Resp: 21738
Ion Ratio Lower Upper
92 100
91 171.3 135.0 202.4





#62
4-Bromofluorobenzene
Concen: 51.656 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

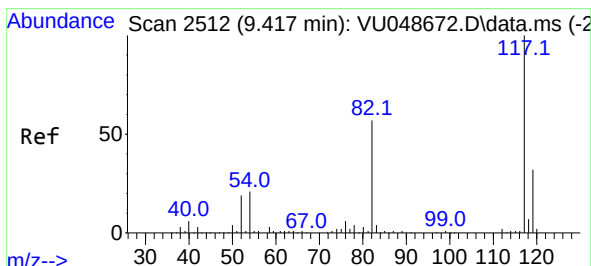
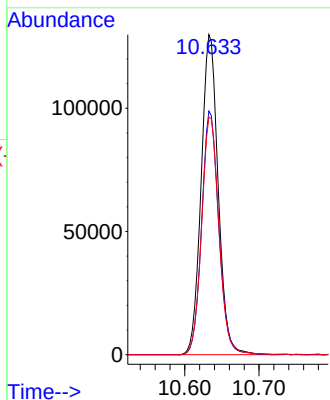
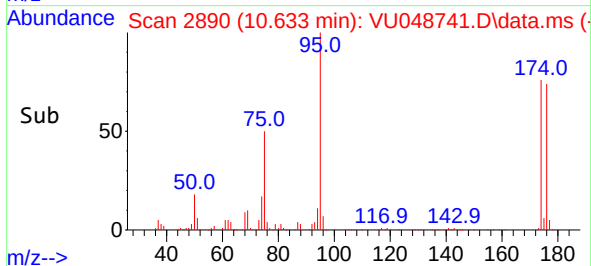
Instrument :
MSVOA_U
ClientSampleId :
TW-20DL



Tgt Ion: 95 Resp: 206185
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 75.6 0.0 152.4

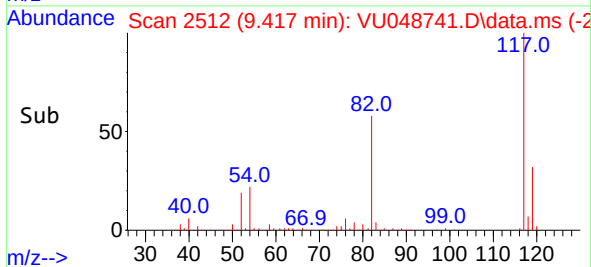
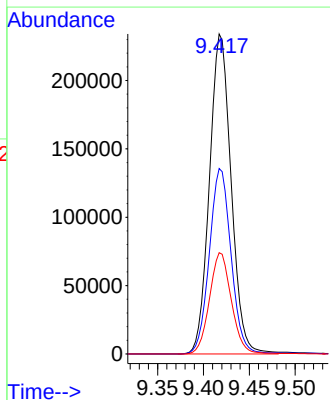
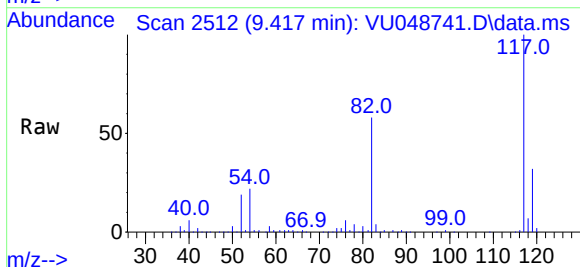
Manual Integrations
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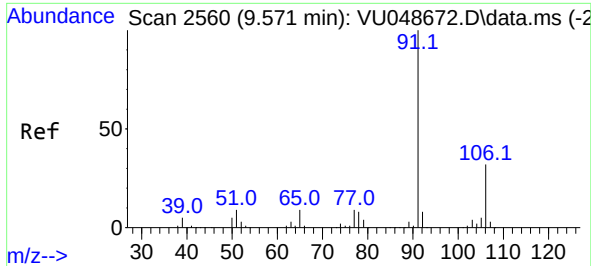
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

Tgt Ion:117 Resp: 385255
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 31.6 25.4 38.2





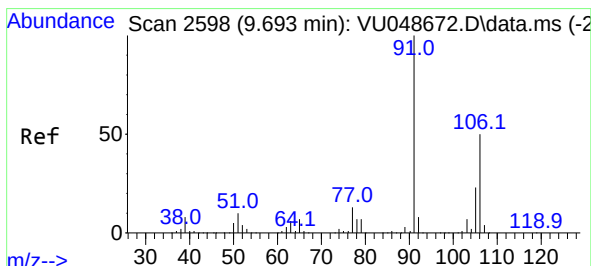
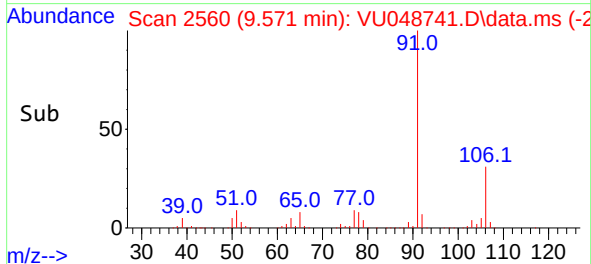
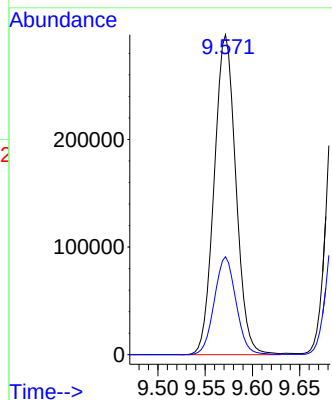
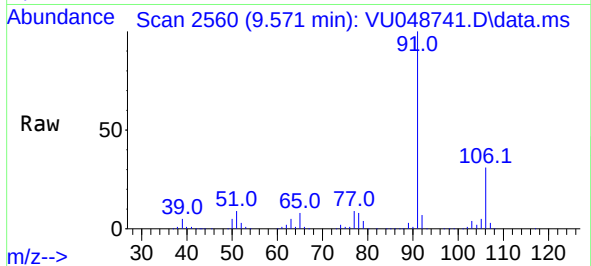
#67
Ethyl Benzene
Concen: 34.458 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

Instrument :
MSVOA_U
ClientSampleId :
TW-20DL

Tgt Ion: 91 Resp: 47355
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2

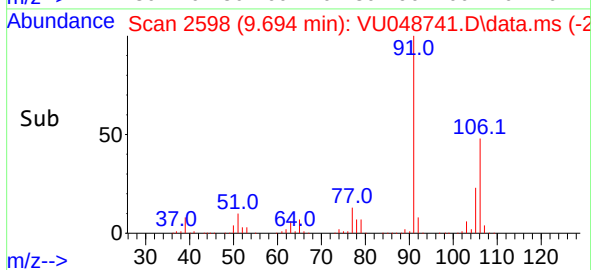
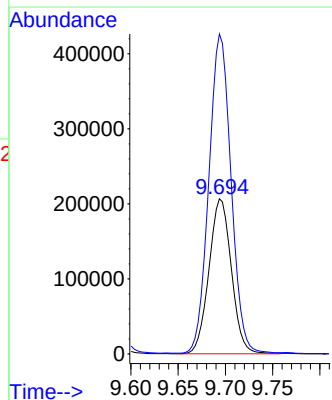
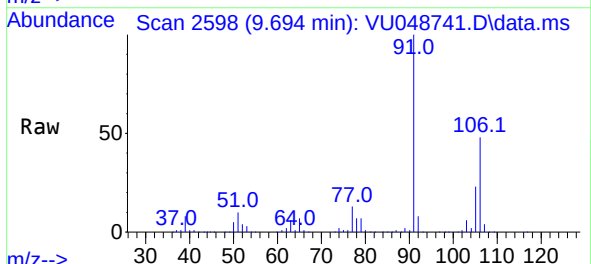
Manual Integrations
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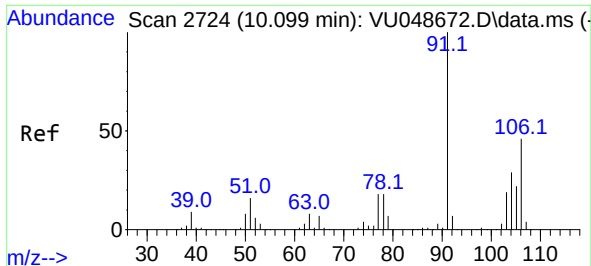
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#68
m/p-Xylenes
Concen: 63.327 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

Tgt Ion:106 Resp: 340379
Ion Ratio Lower Upper
106 100
91 203.8 162.4 243.6





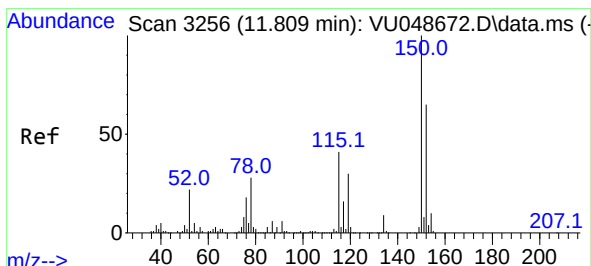
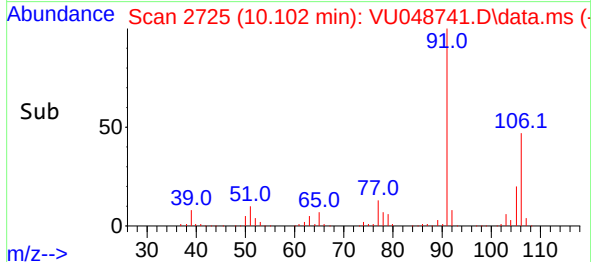
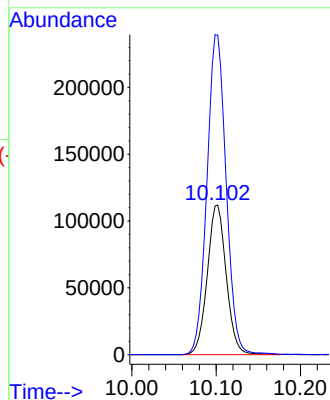
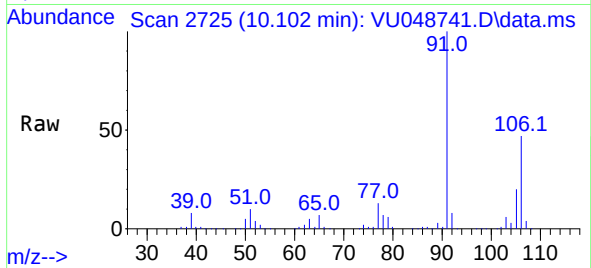
#69
o-Xylene
Concen: 33.196 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

Instrument :
MSVOA_U
ClientSampleId :
TW-20DL

Tgt Ion:106 Resp: 175290
Ion Ratio Lower Upper
106 100
91 216.9 107.7 323.3

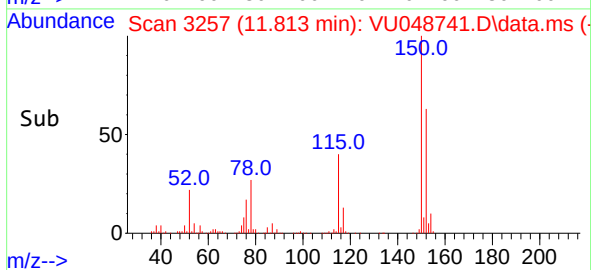
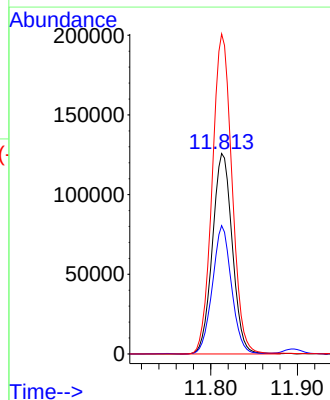
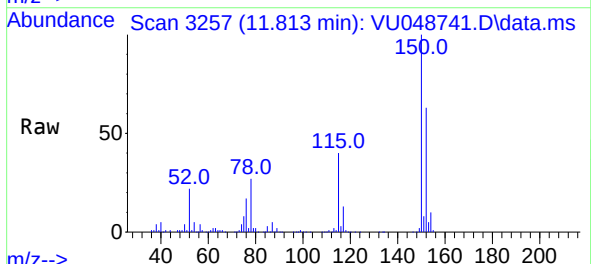
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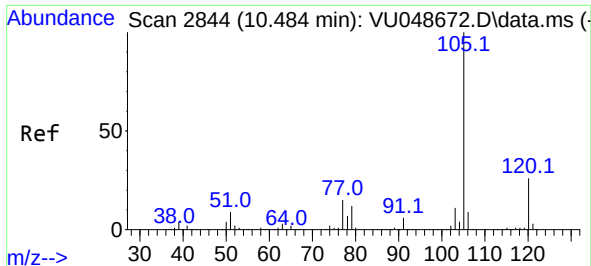
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

Tgt Ion:152 Resp: 200581
Ion Ratio Lower Upper
152 100
115 61.7 41.8 125.4
150 158.7 0.0 341.0





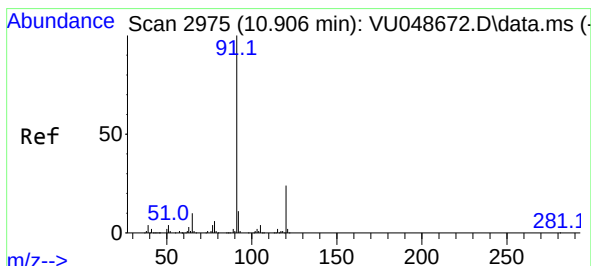
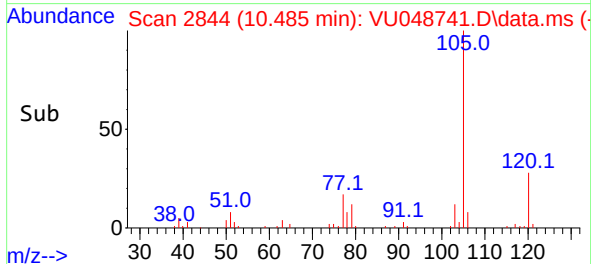
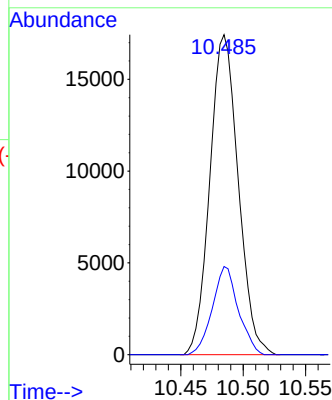
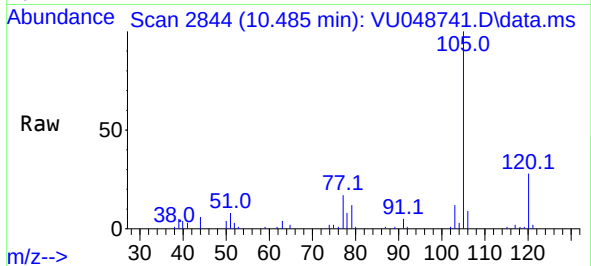
#73
Isopropylbenzene
Concen: 2.132 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

Instrument :
MSVOA_U
ClientSampleId :
TW-20DL

Tgt Ion:105 Resp: 27600
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6

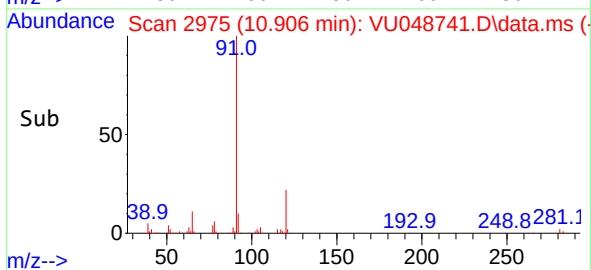
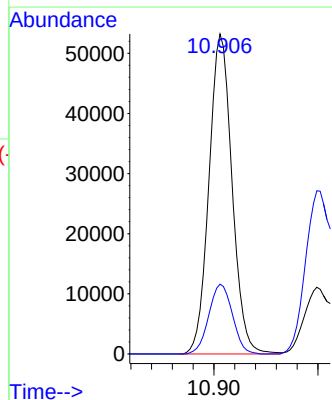
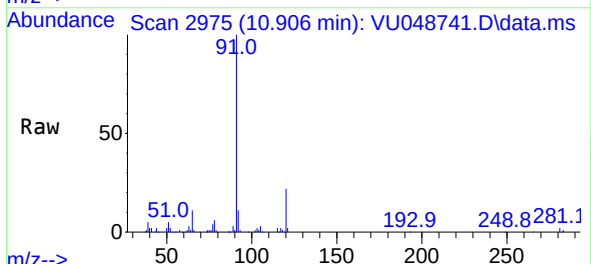
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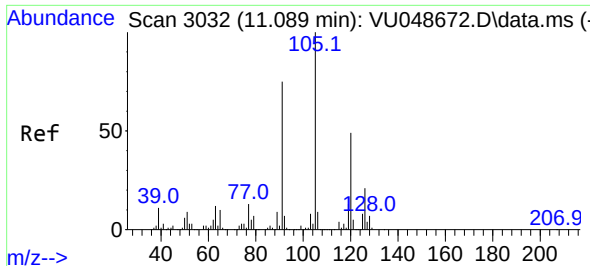
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#78
n-propylbenzene
Concen: 5.307 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

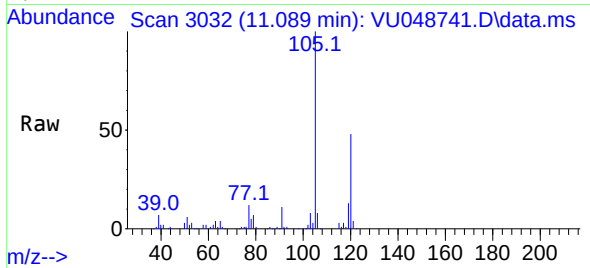
Tgt Ion: 91 Resp: 81887
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 9.677 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

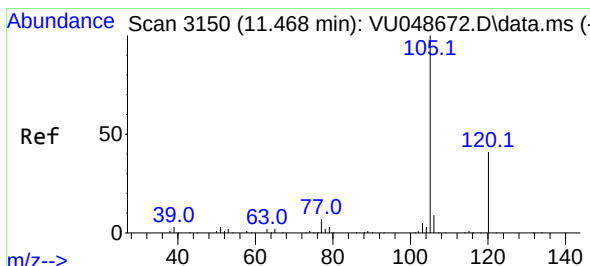
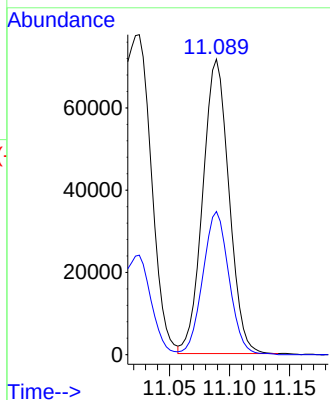
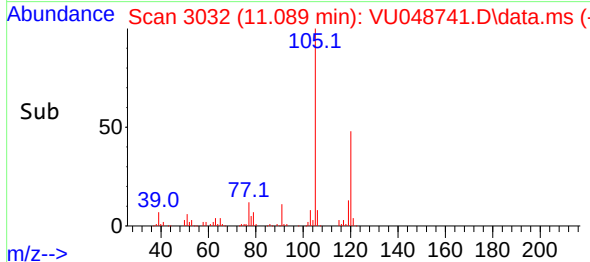
Instrument :
MSVOA_U
ClientSampleId :
TW-20DL



Tgt Ion:105 Resp: 108980
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3

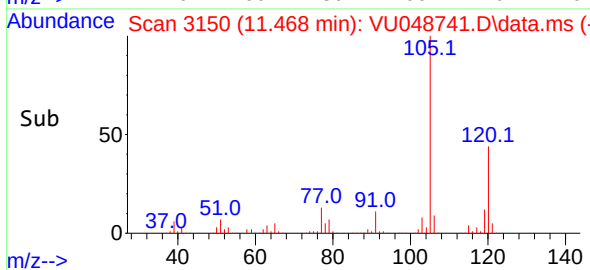
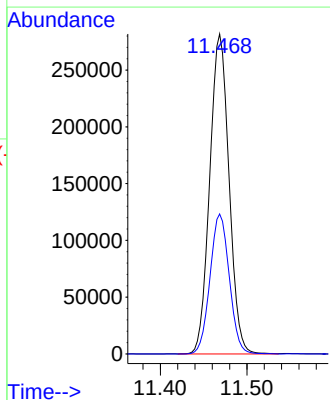
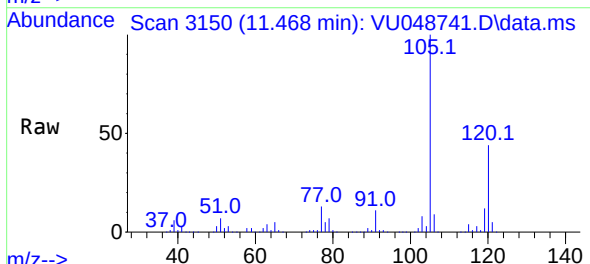
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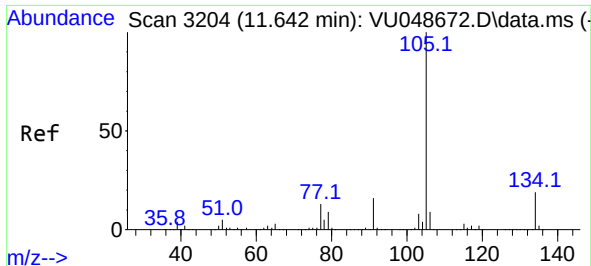
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 36.318 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

Tgt Ion:105 Resp: 436737
Ion Ratio Lower Upper
105 100
120 43.7 22.5 67.5





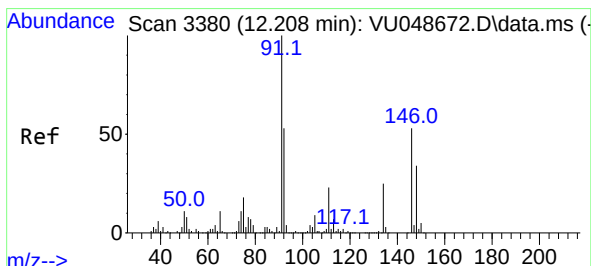
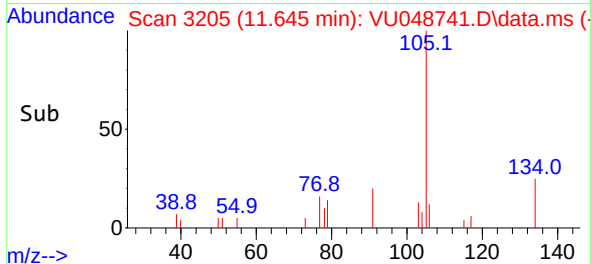
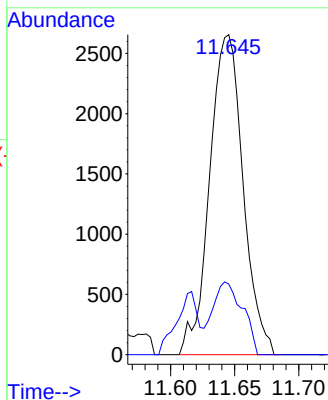
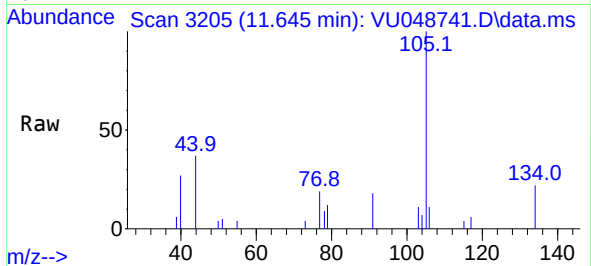
#85
 sec-Butylbenzene
 Concen: 0.357 ug/l m
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048741.D
 Acq: 31 May 2022 15:56

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-20DL

Tgt Ion: 105 Resp: 482
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6

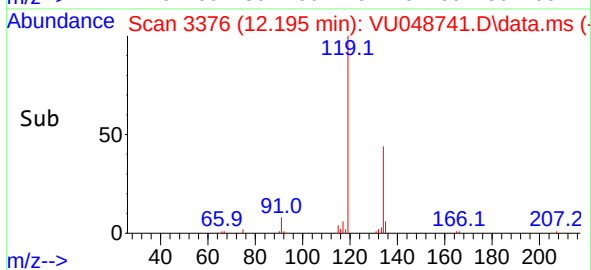
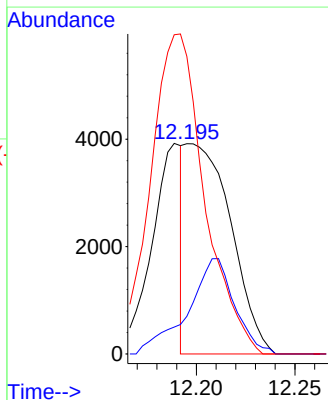
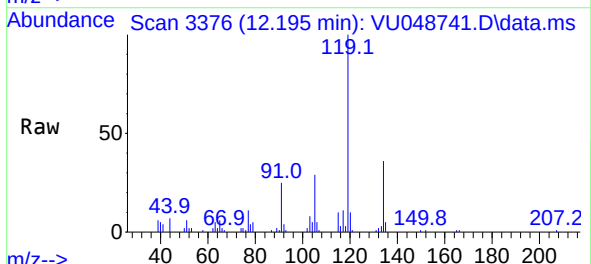
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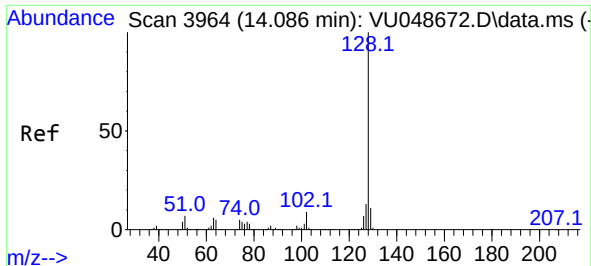
Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/02/2022



#89
 n-Butylbenzene
 Concen: 2.704 ug/l m
 RT: 12.195 min Scan# 3376
 Delta R.T. -0.013 min
 Lab File: VU048741.D
 Acq: 31 May 2022 15:56

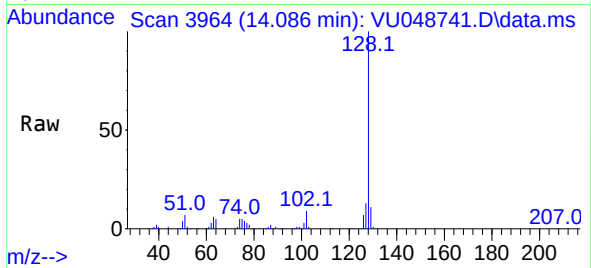
Tgt Ion: 91 Resp: 6308
 Ion Ratio Lower Upper
 91 100
 92 0.0 25.9 77.8#
 134 180.2 12.5 37.5#





#95
Naphthalene
Concen: 15.034 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048741.D
Acq: 31 May 2022 15:56

Instrument :
MSVOA_U
ClientSampleId :
TW-20DL



Tgt Ion:128 Resp: 20790
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.5 8.7 13.1

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

