

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048718.D
 Acq On : 28 May 2022 02:01
 Operator : SY/MD
 Sample : N3033-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-20

Quant Time: May 30 02:59:17 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 :Mahesh Dadoda 05/31/2022
 Supervised By :Semsettin Yesilyurt 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	221897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	390063	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	395178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	237833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	169821	50.960	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.920%			
35) Dibromofluoromethane	5.292	113	145250	52.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.400%			
50) Toluene-d8	7.899	98	462715	46.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.780%			
62) 4-Bromofluorobenzene	10.632	95	214536	56.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.740%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.170	59	40107	47.471	ug/l #	28
19) Methyl tert-butyl Ether	3.363	73	188540	22.002	ug/l #	1
22) Diisopropyl ether	3.996	45	5729	0.710	ug/l #	82
31) Cyclohexane	5.388	56	189996	45.241	ug/l	97
39) Methylcyclohexane	6.764	83	157620	37.013	ug/l	99
40) Benzene	5.777	78	19898	1.659	ug/l	96
52) Toluene	7.970	92	398084	55.504	ug/l	98
67) Ethyl Benzene	9.571	91	8800296	624.280	ug/l	99
68) m/p-Xylenes	9.697	106	5718372	1037.182	ug/l	98
69) o-Xylene	10.102	106	3117387	575.520	ug/l	98
73) Isopropylbenzene	10.485	105	519066	33.806	ug/l	99
78) n-propylbenzene	10.906	91	1623435	88.731	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	2093991	156.822	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	8496393	577.590	ug/l	99
85) sec-Butylbenzene	11.645	105	90368m	5.637	ug/l	
86) p-Isopropyltoluene	11.793	119	39579	2.875	ug/l	95
89) n-Butylbenzene	12.201	91	70221m	7.058	ug/l	
95) Naphthalene	14.086	128	3113054	160.399	ug/l	100

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

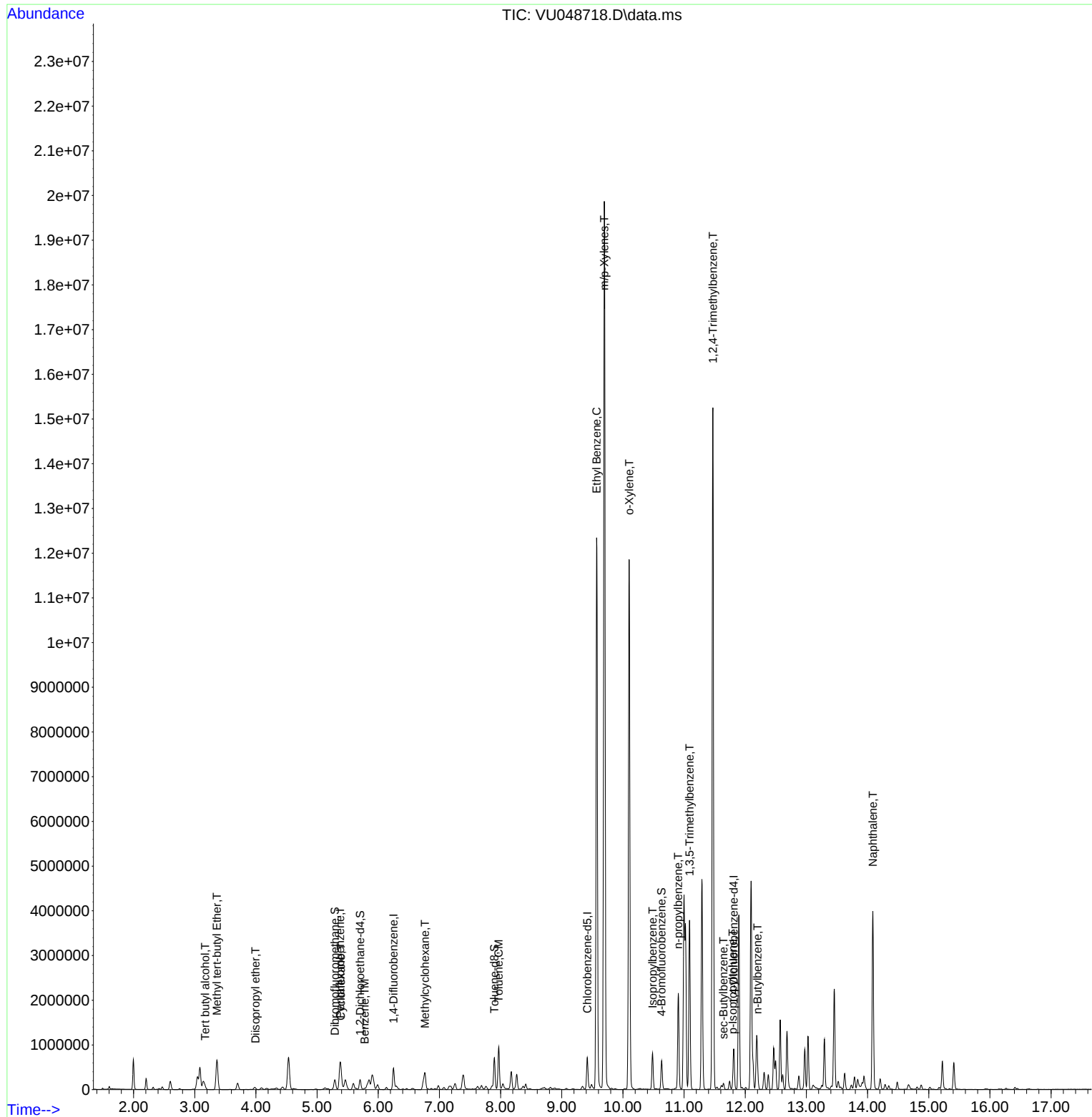
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Data File : VU048718.D
Acq On : 28 May 2022 02:01
Operator : SY/MD
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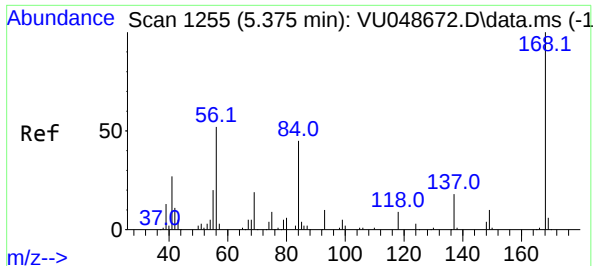
Instrument :
MSVOA_U
ClientSampleId :
TW-20

Quant Time: May 30 02:59:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
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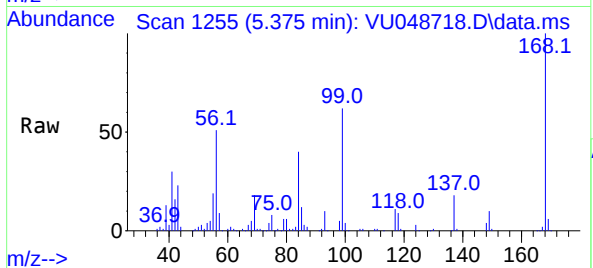
Reviewed By :Mahesh Dadoda 05/31/2022
Supervised By :Semsettin Yesilyurt 05/31/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

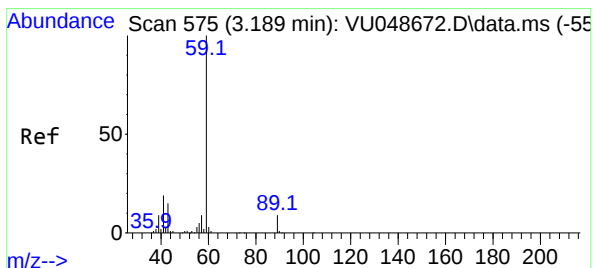
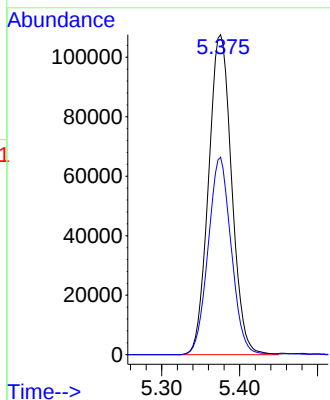
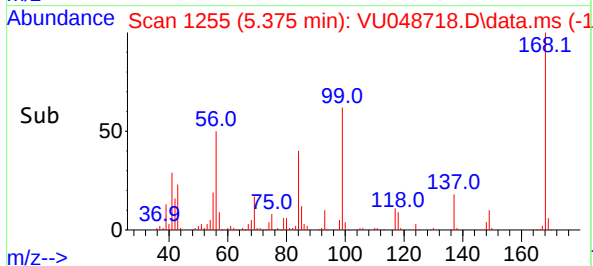
Instrument :
MSVOA_U
ClientSampleId :
TW-20



Tgt Ion:168 Resp: 22189
Ion Ratio Lower Upper
168 100
99 61.7 49.3 73.9

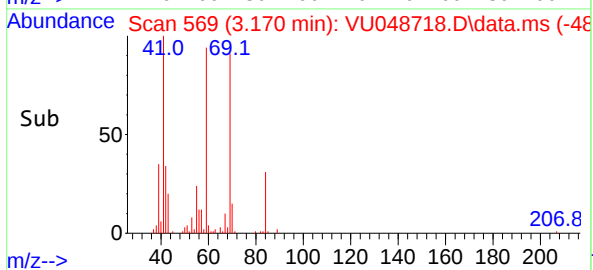
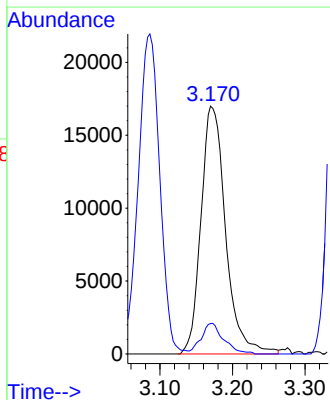
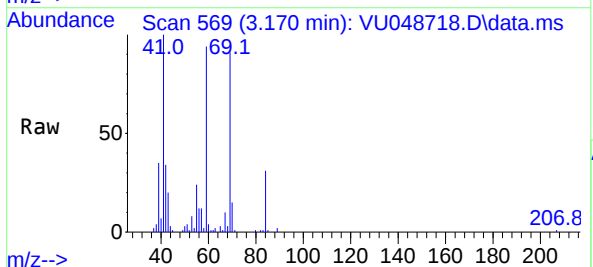
Manual Integrations
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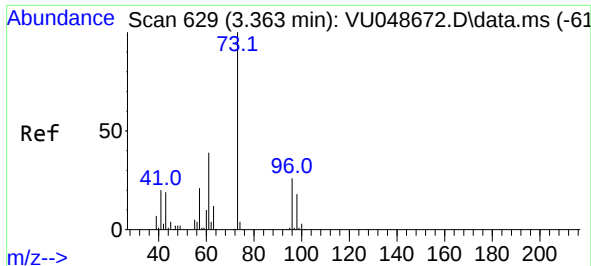
Reviewed By :Mahesh Dadoda 05/31/2022
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#11
Tert butyl alcohol
Concen: 47.471 ug/l
RT: 3.170 min Scan# 569
Delta R.T. -0.019 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

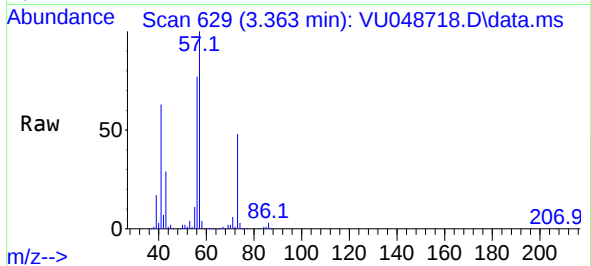
Tgt Ion: 59 Resp: 40107
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#





#19
Methyl tert-butyl Ether
Concen: 22.002 ug/l
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

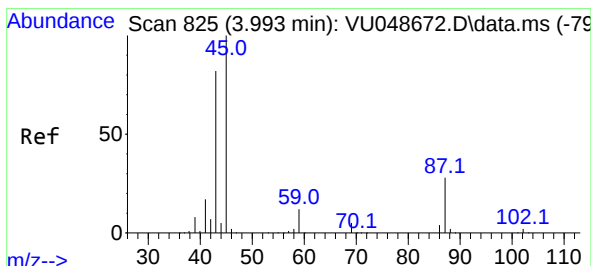
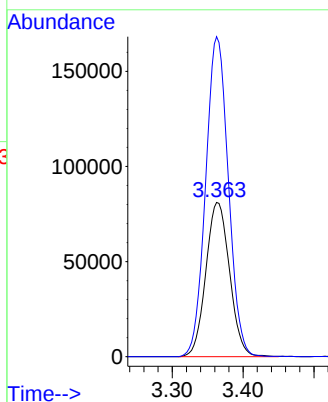
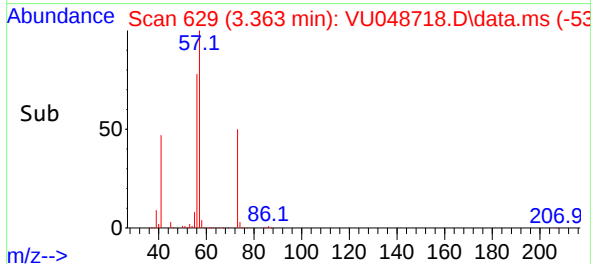
Instrument :
MSVOA_U
ClientSampleId :
TW-20



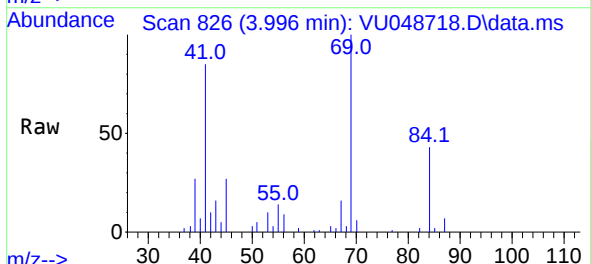
Tgt Ion: 73 Resp: 188540
Ion Ratio Lower Upper
73 100
57 207.4 17.1 25.7

Manual Integrations
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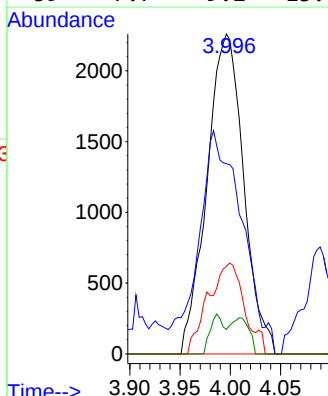
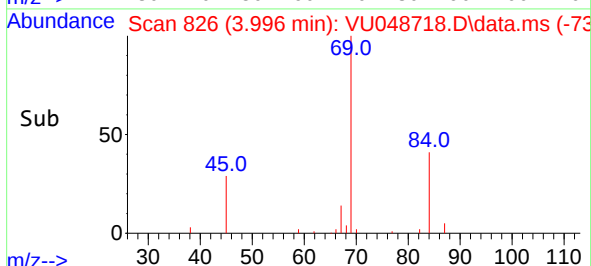
Reviewed By :Mahesh Dadoda 05/31/2022
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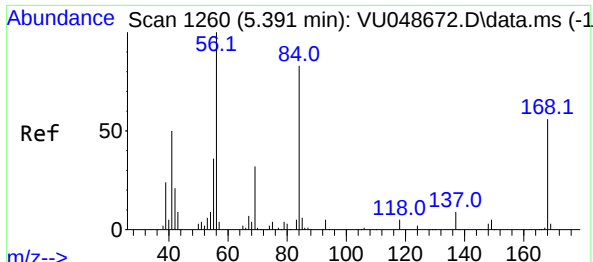


#22
Diisopropyl ether
Concen: 0.710 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.003 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01



Tgt Ion: 45 Resp: 5729
Ion Ratio Lower Upper
45 100
43 59.5 65.2 97.8#
87 27.3 22.7 34.1
59 7.7 9.2 13.8#





#31

Cyclohexane

Concen: 45.241 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048718.D

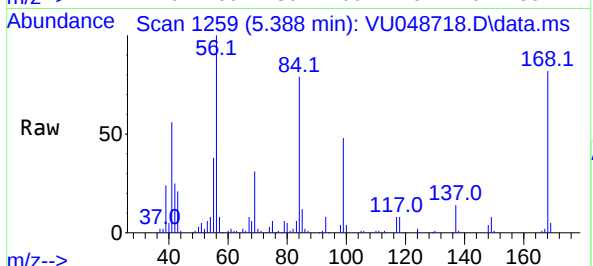
Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20



Tgt Ion: 56 Resp: 189990

Ion Ratio Lower Upper

56 100

69 31.0 25.6 38.4

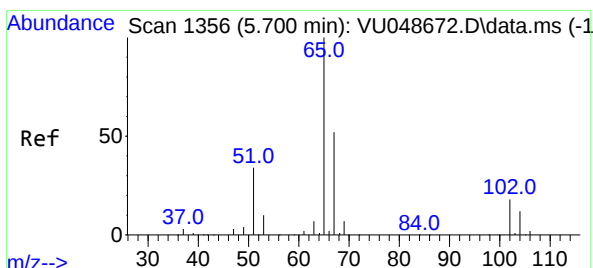
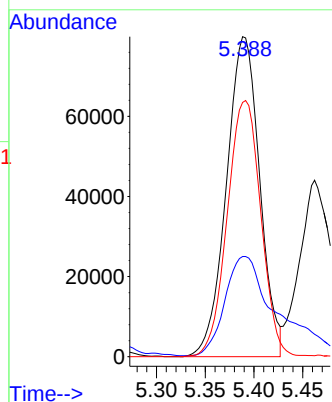
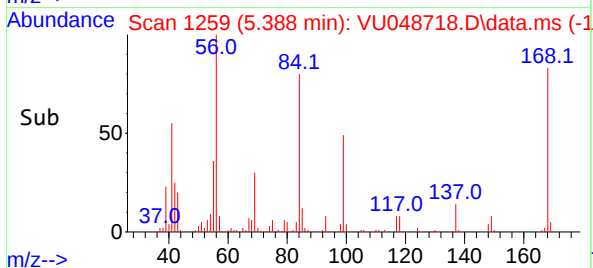
84 79.5 66.2 99.4

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 50.960 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048718.D

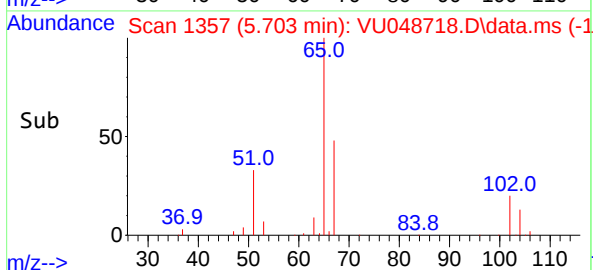
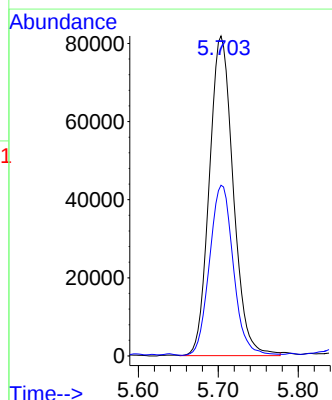
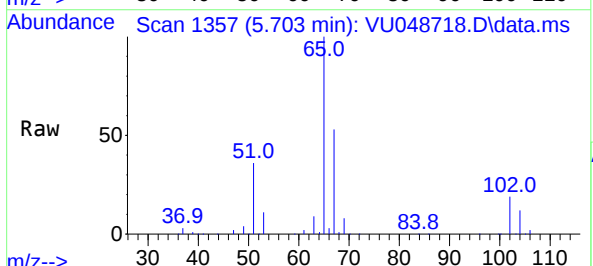
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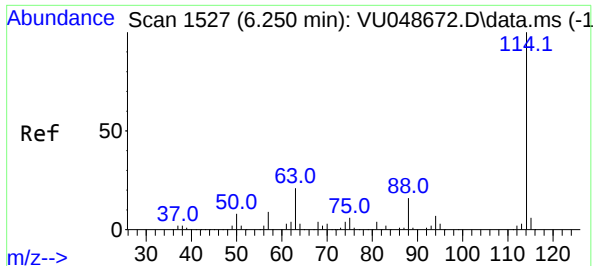
Tgt Ion: 65 Resp: 169821

Ion Ratio Lower Upper

65 100

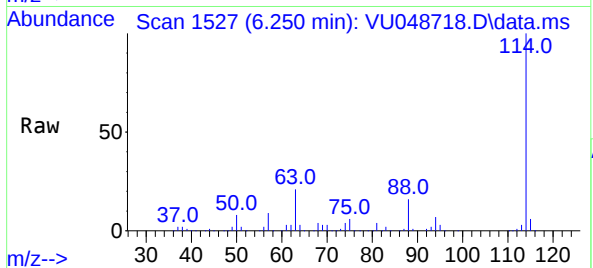
67 53.1 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 114
Delta R.T. -0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

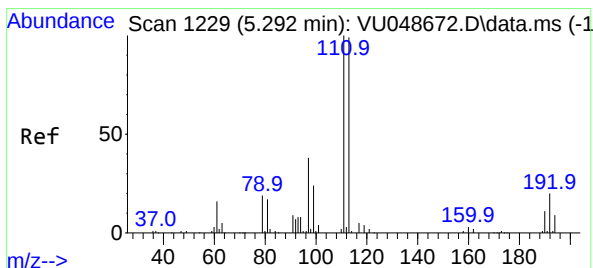
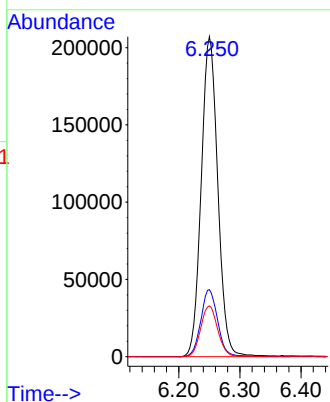
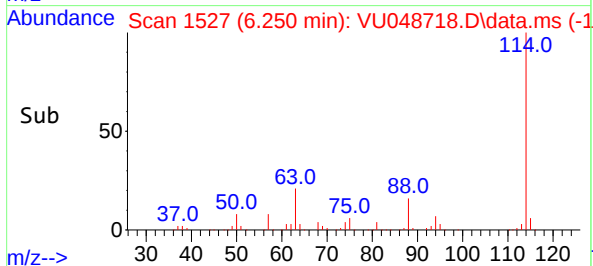
Instrument :
MSVOA_U
ClientSampleId :
TW-20



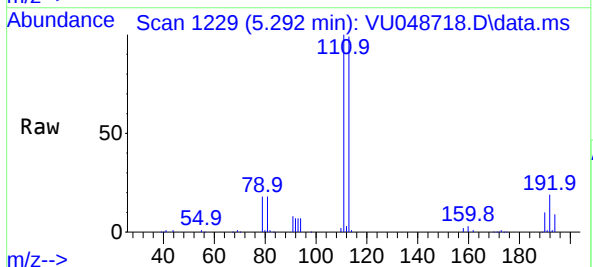
Tgt Ion:114 Resp: 390063
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 15.9 0.0 32.2

Manual Integrations
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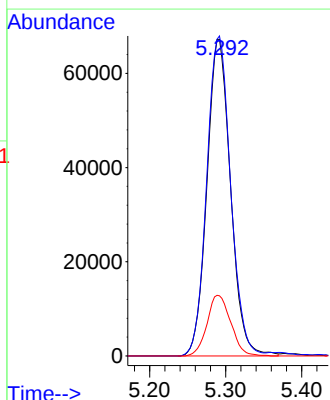
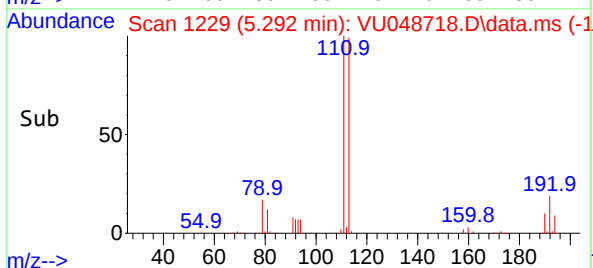
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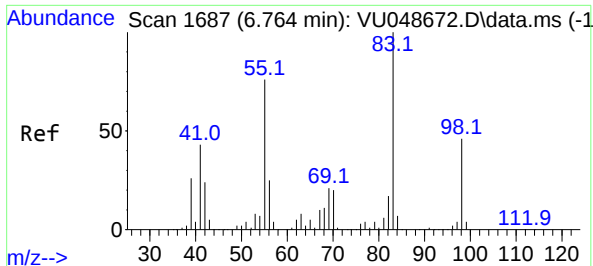


#35
Dibromofluoromethane
Concen: 52.196 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01



Tgt Ion:113 Resp: 145250
Ion Ratio Lower Upper
113 100
111 101.9 80.7 121.1
192 19.2 15.9 23.9





#39

Methylcyclohexane

Concen: 37.013 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20

Tgt Ion: 83 Resp: 157620

Ion Ratio Lower Upper

83 100

55 75.7 61.0 91.6

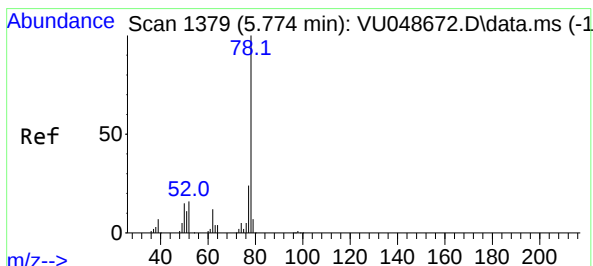
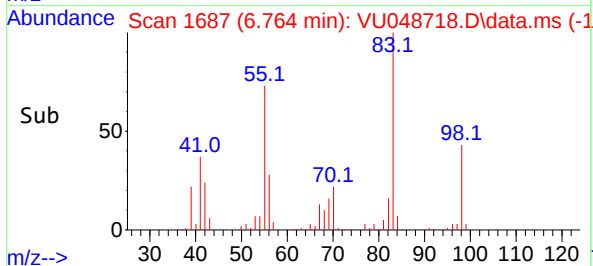
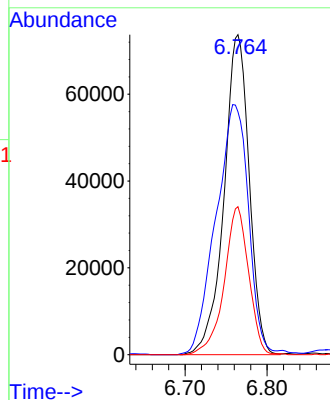
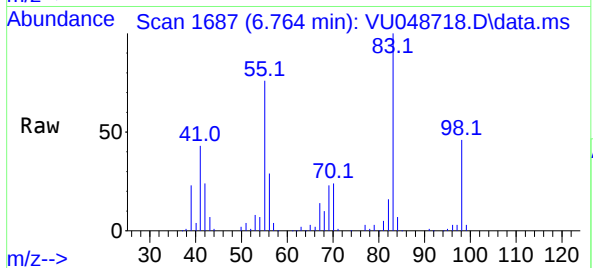
98 46.3 36.8 55.2

Manual Integrations

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#40

Benzene

Concen: 1.659 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.003 min

Lab File: VU048718.D

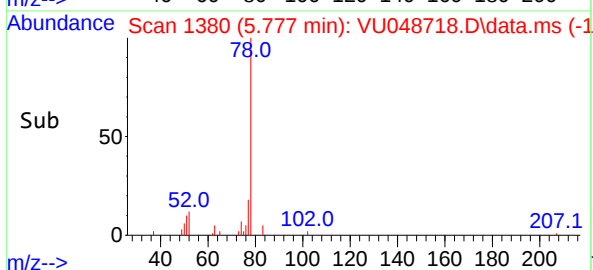
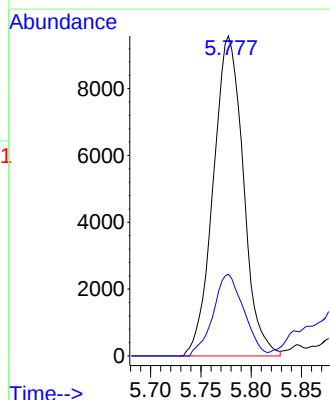
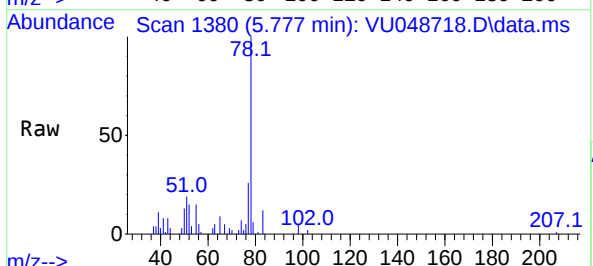
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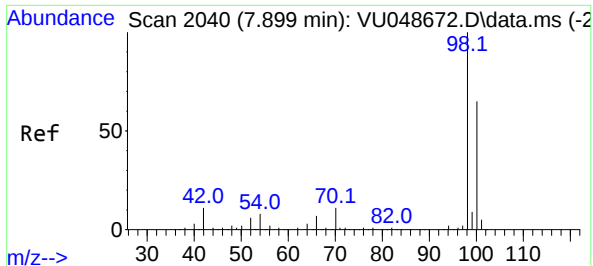
Tgt Ion: 78 Resp: 19898

Ion Ratio Lower Upper

78 100

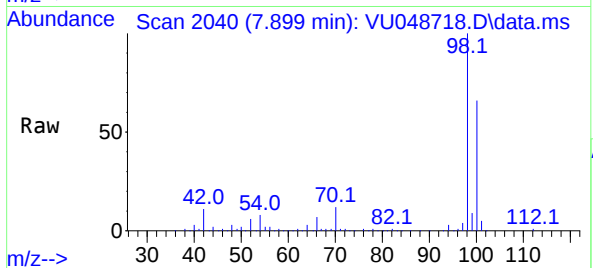
77 25.6 19.0 28.6





#50
Toluene-d8
Concen: 46.386 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

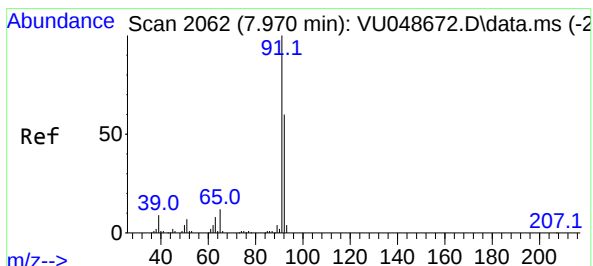
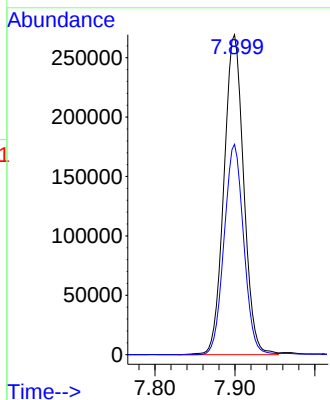
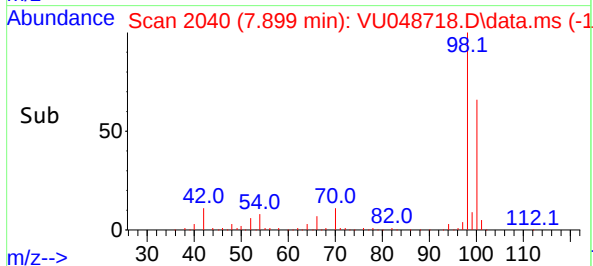
Instrument :
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TW-20



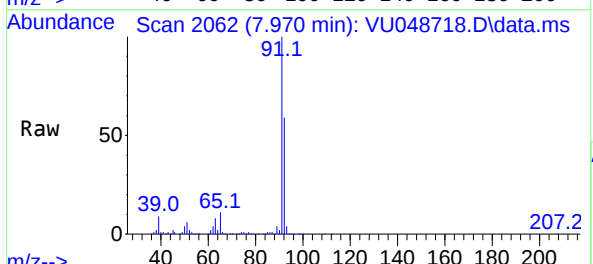
Tgt Ion: 98 Resp: 462715
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

Manual Integrations
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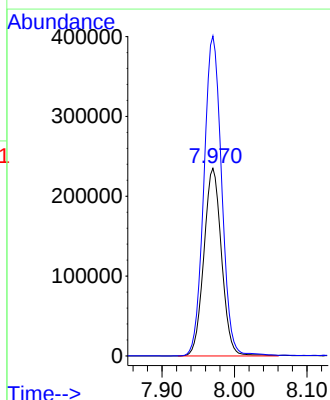
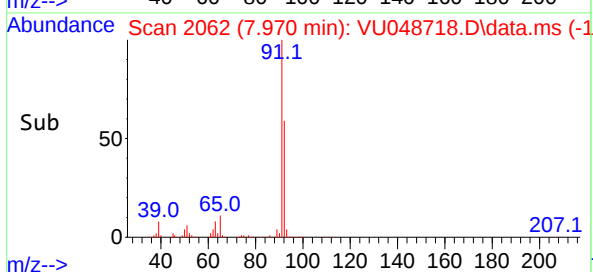
Reviewed By :Mahesh Dadoda 05/31/2022
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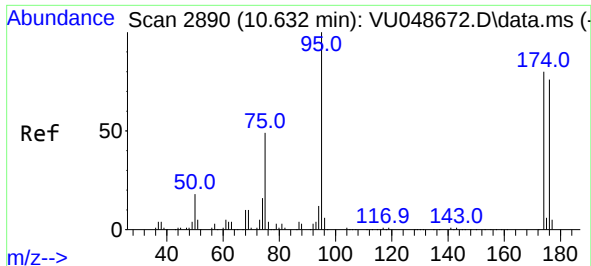


#52
Toluene
Concen: 55.504 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01



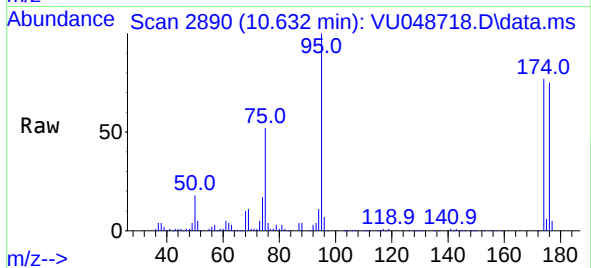
Tgt Ion: 92 Resp: 398084
Ion Ratio Lower Upper
92 100
91 171.7 135.0 202.4





#62
4-Bromofluorobenzene
Concen: 56.867 ug/l
RT: 10.632 min Scan# 214530
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

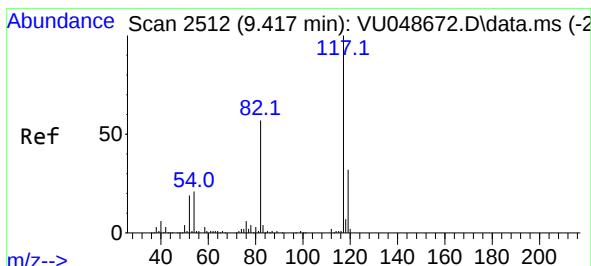
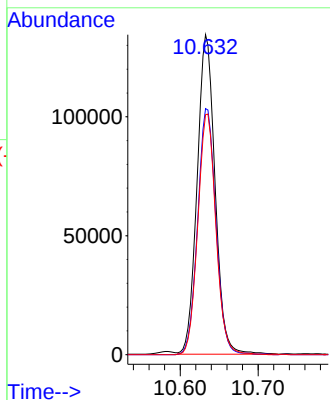
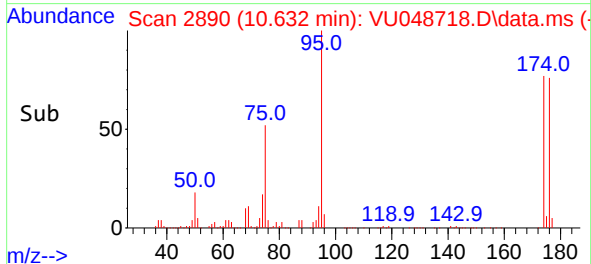
Instrument :
MSVOA_U
ClientSampleId :
TW-20



Tgt Ion: 95 Resp: 214530
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.4
176 76.2 0.0 152.4

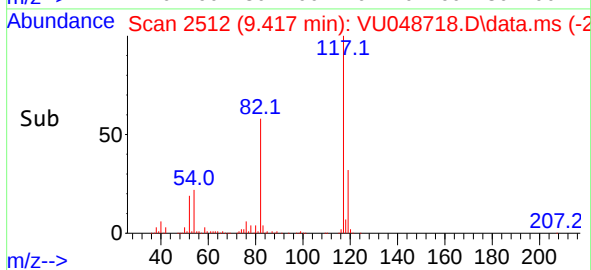
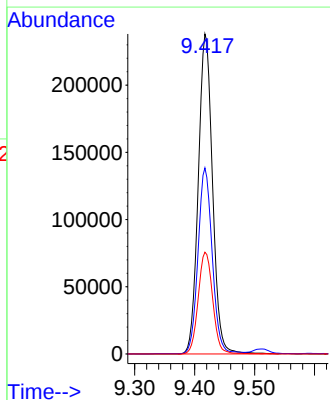
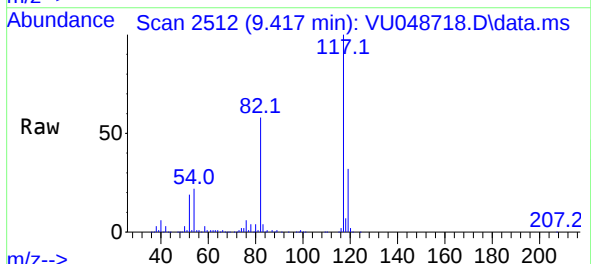
Manual Integrations
APPROVED

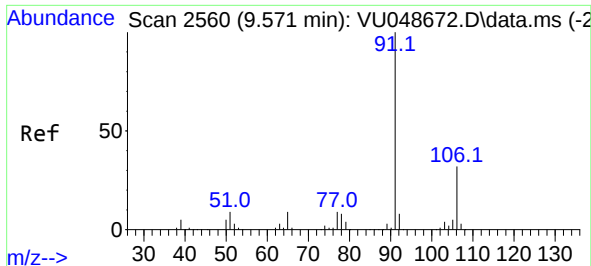
Reviewed By :Mahesh Dadoda 05/31/2022
Supervised By :Semsettin Yesilyurt 05/31/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion:117 Resp: 395178
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.8 25.4 38.2





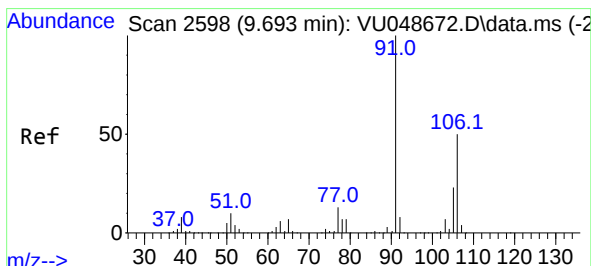
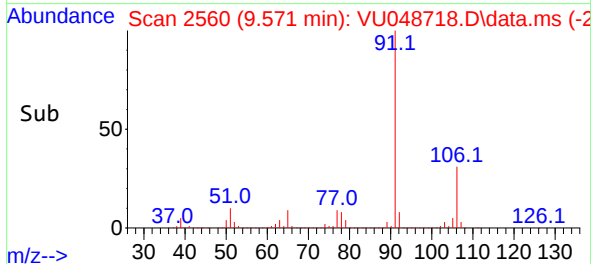
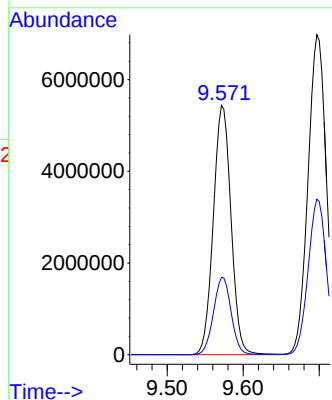
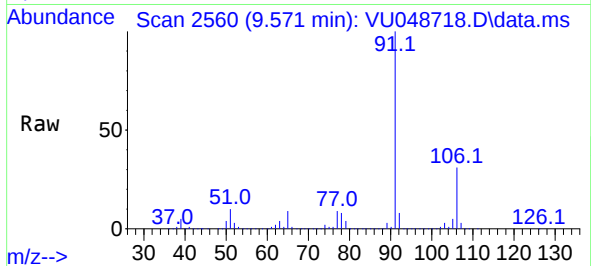
#67
Ethyl Benzene
Concen: 624.280 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Instrument :
MSVOA_U
ClientSampleId :
TW-20

Tgt Ion: 91 Resp: 8800290
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

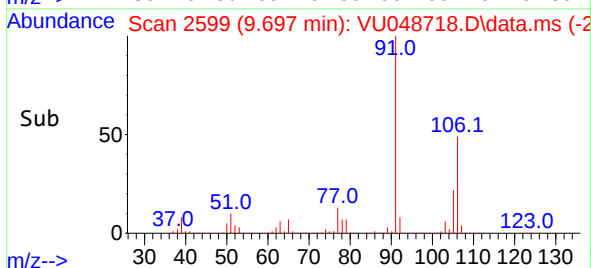
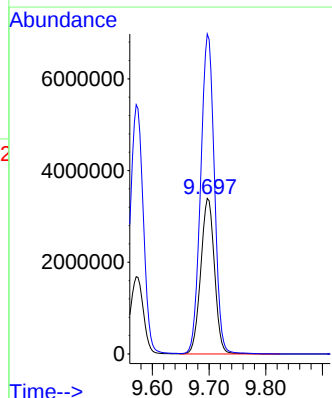
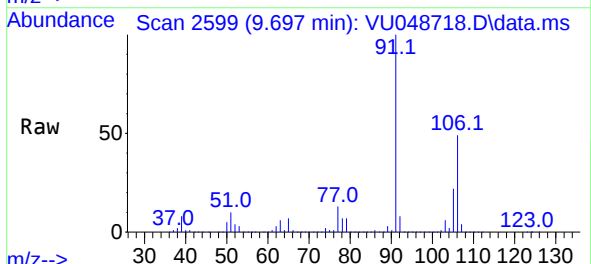
Manual Integrations
APPROVED

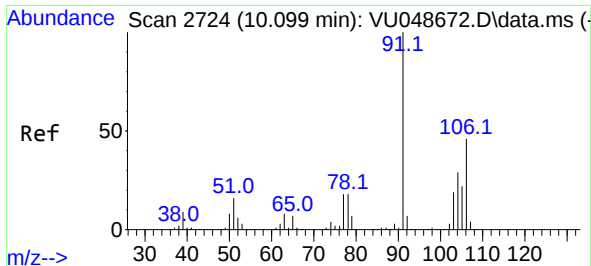
Reviewed By :Mahesh Dadoda 05/31/2022
Supervised By :Semsettin Yesilyurt 05/31/2022



#68
m/p-Xylenes
Concen: 1037.182 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion:106 Resp: 5718372
Ion Ratio Lower Upper
106 100
91 205.6 162.4 243.6





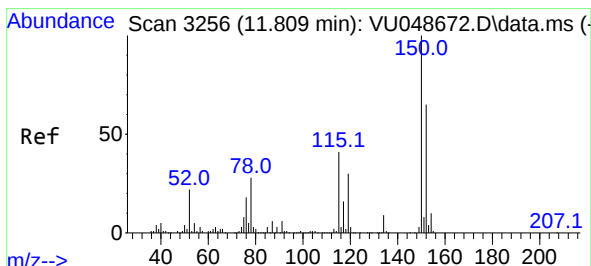
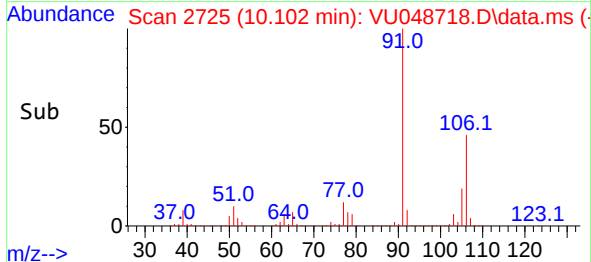
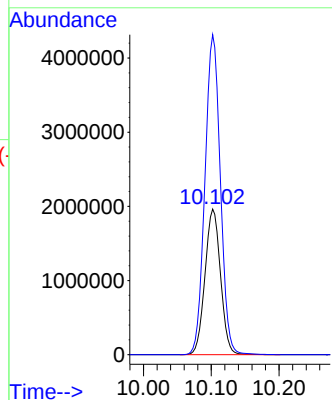
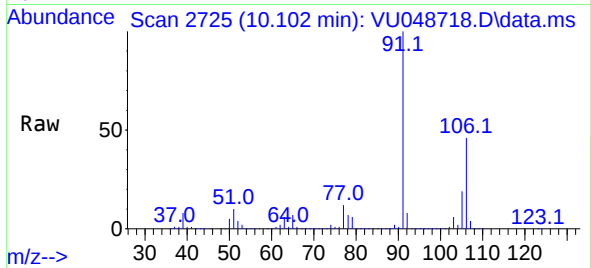
#69
o-Xylene
Concen: 575.520 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Instrument :
MSVOA_U
ClientSampleId :
TW-20

Tgt Ion:106 Resp: 311738
Ion Ratio Lower Upper
106 100
91 219.0 107.7 323.3

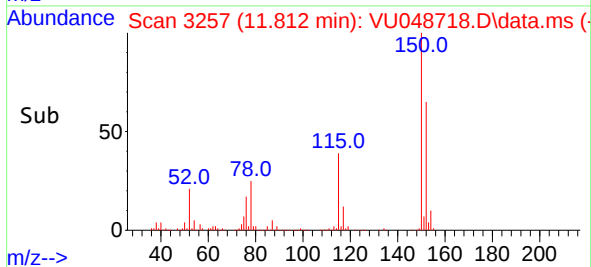
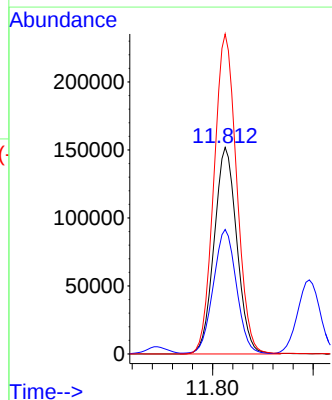
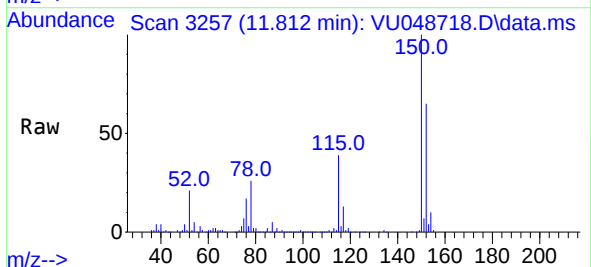
Manual Integrations
APPROVED

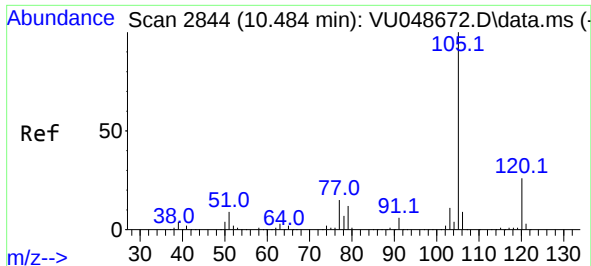
Reviewed By :Mahesh Dadoda 05/31/2022
Supervised By :Semsettin Yesilyurt 05/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

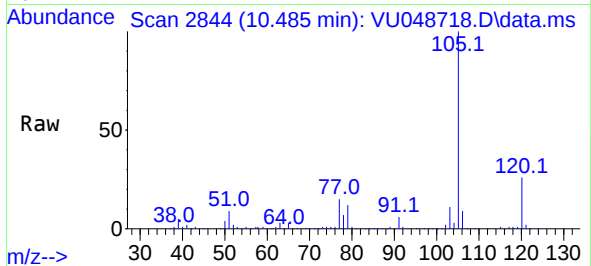
Tgt Ion:152 Resp: 237833
Ion Ratio Lower Upper
152 100
115 61.1 41.8 125.4
150 155.3 0.0 341.0





#73
Isopropylbenzene
Concen: 33.806 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

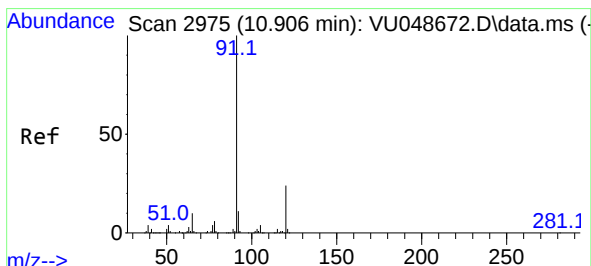
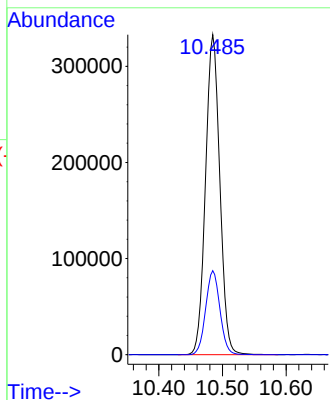
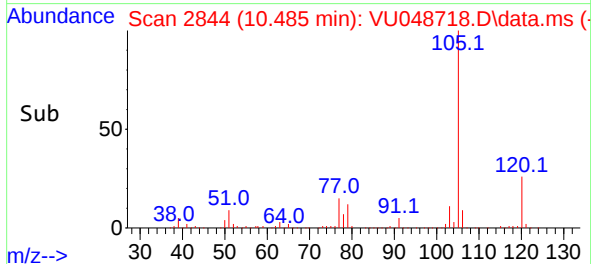
Instrument :
MSVOA_U
ClientSampleId :
TW-20



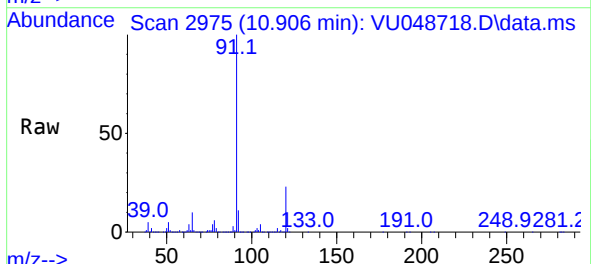
Tgt Ion:105 Resp: 51906
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

Manual Integrations
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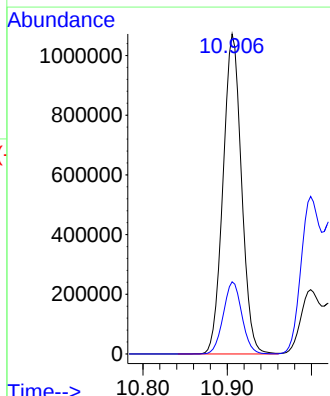
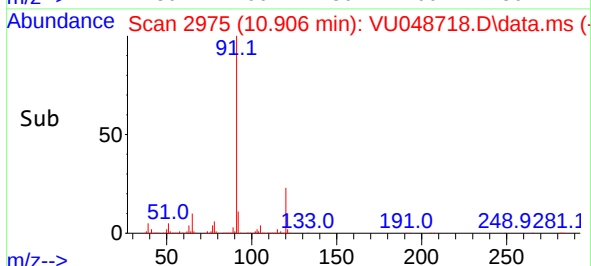
Reviewed By :Mahesh Dadoda 05/31/2022
Supervised By :Semsettin Yesilyurt 05/31/2022

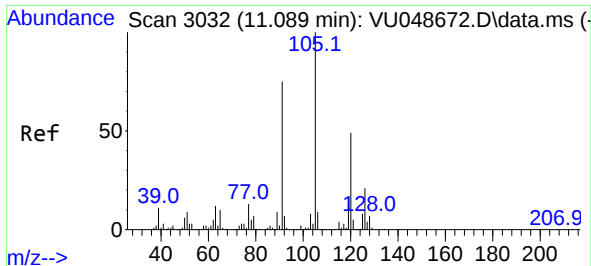


#78
n-propylbenzene
Concen: 88.731 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01



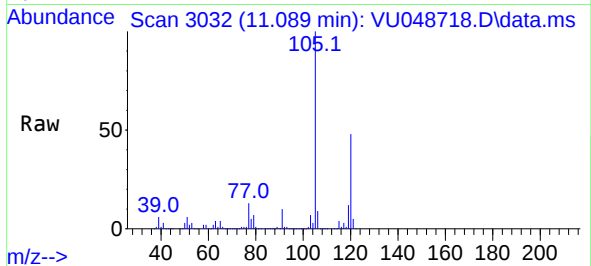
Tgt Ion: 91 Resp: 1623435
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 156.822 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

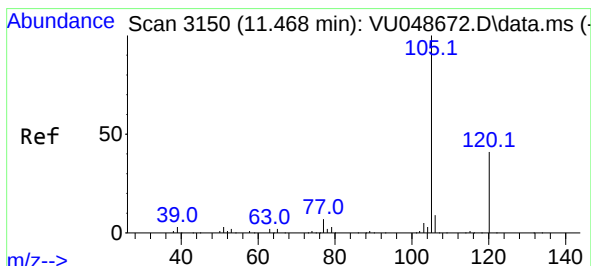
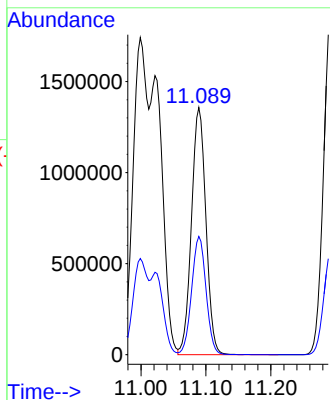
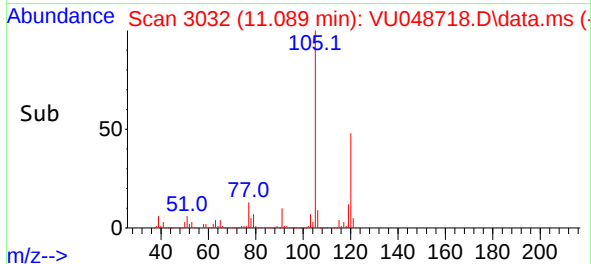
Instrument :
MSVOA_U
ClientSampleId :
TW-20



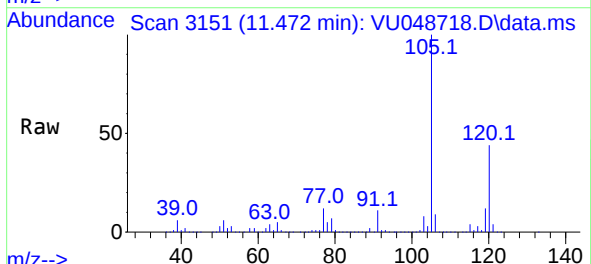
Tgt Ion:105 Resp: 209399
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

Manual Integrations
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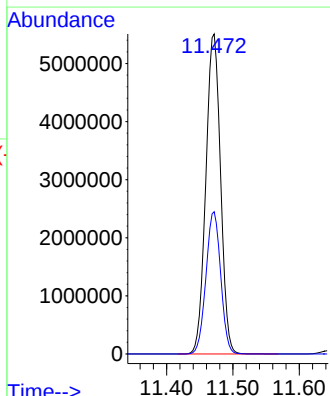
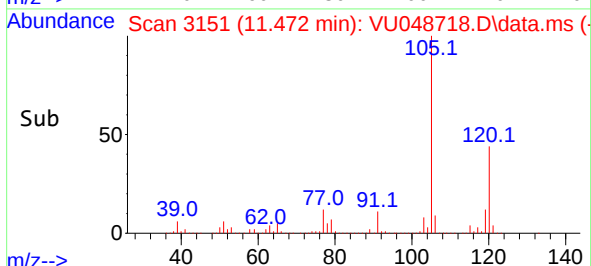
Reviewed By :Mahesh Dadoda 05/31/2022
Supervised By :Semsettin Yesilyurt 05/31/2022

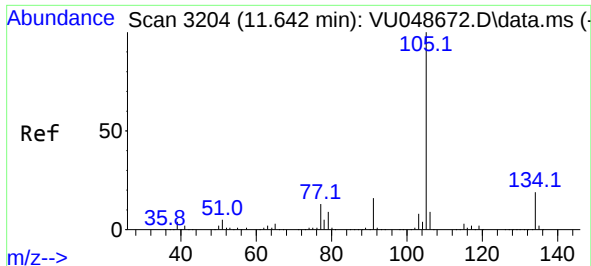


#84
1,2,4-Trimethylbenzene
Concen: 577.590 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01



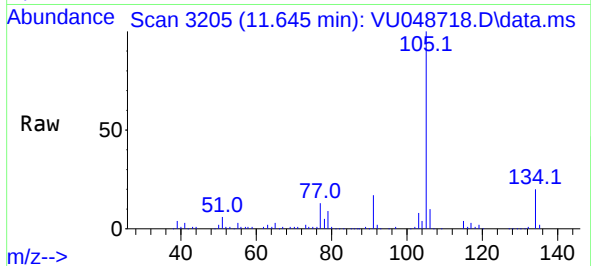
Tgt Ion:105 Resp: 8496393
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 5.637 ug/l m
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048718.D
 Acq: 28 May 2022 02:01

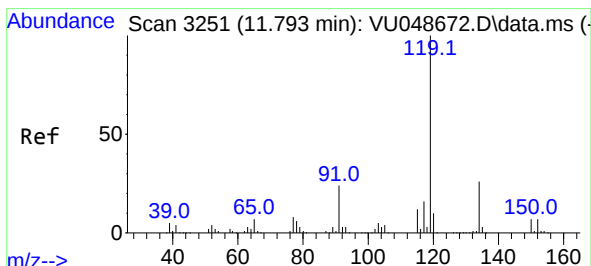
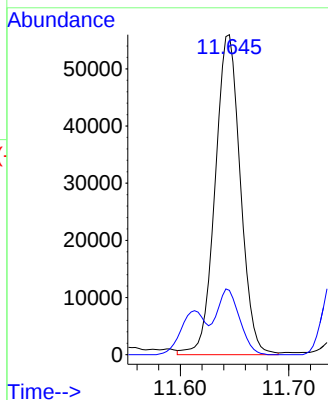
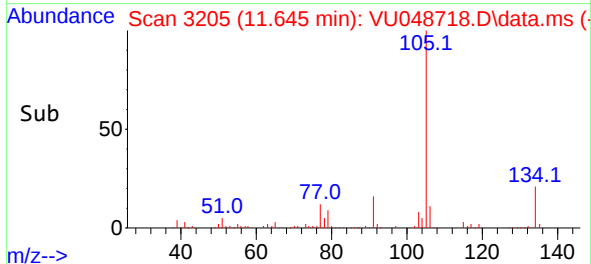
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-20



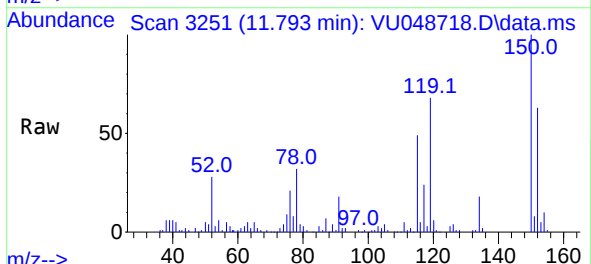
Tgt Ion:105 Resp: 9036
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6

Manual Integrations
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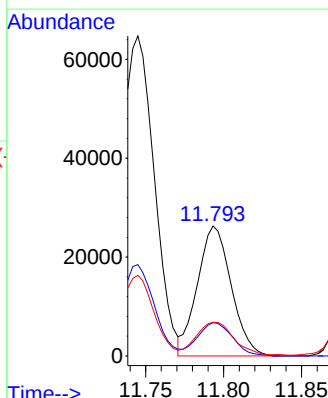
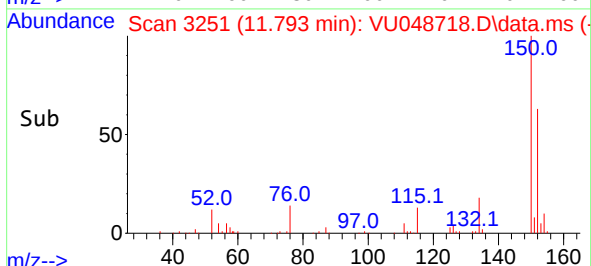
Reviewed By :Mahesh Dadoda 05/31/2022
 Supervised By :Semsettin Yesilyurt 05/31/2022

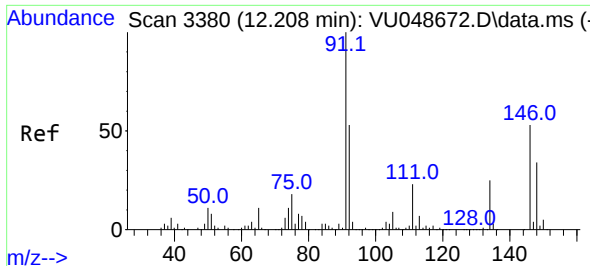


#86
 p-Isopropyltoluene
 Concen: 2.875 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048718.D
 Acq: 28 May 2022 02:01



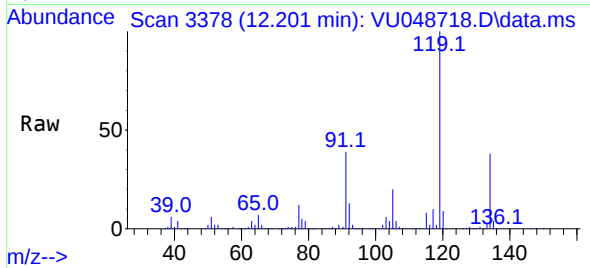
Tgt Ion:119 Resp: 39579
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.4
 91 28.1 12.0 36.0





#89
n-Butylbenzene
Concen: 7.058 ug/l m
RT: 12.201 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

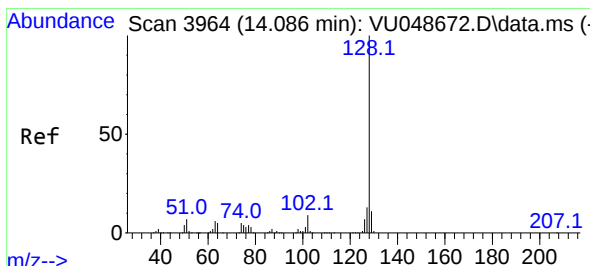
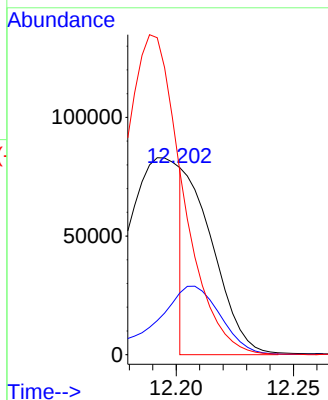
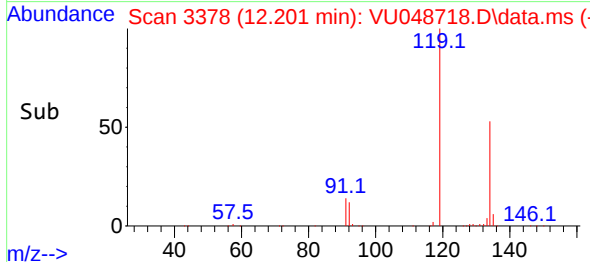
Instrument :
MSVOA_U
ClientSampleId :
TW-20



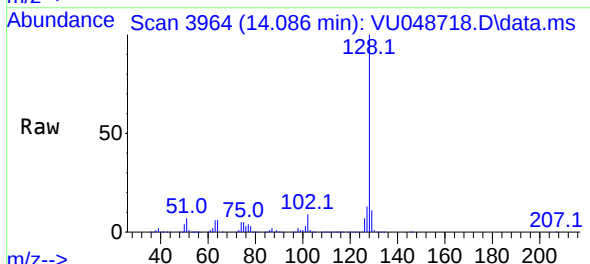
Tgt Ion: 91 Resp: 7022
Ion Ratio Lower Upper
91 100
92 78.9 25.9 77.8
134 345.3 12.5 37.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/31/2022
Supervised By :Semsettin Yesilyurt 05/31/2022



#95
Naphthalene
Concen: 160.399 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01



Tgt Ion:128 Resp: 3113054
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1

