

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072104.D
 Acq On : 25 Feb 2022 17:01
 Operator : VA/SY
 Sample : N1655-09
 Misc : 7.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UNK-SOUTH

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:43:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	264059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	463187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	492900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	250764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177471	64.792	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.580%			
35) Dibromofluoromethane	7.914	113	152833	54.460	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.920%			
50) Toluene-d8	10.338	98	594423	57.118	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.240%			
62) 4-Bromofluorobenzene	12.626	95	251225	65.718	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.440%			
Target Compounds					Qvalue	
16) Acetone	4.150	43	60911	102.897	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	123420	21.024	ug/l #	1
25) 2-Butanone	7.215	43	17948	21.937	ug/l #	81
39) Methylcyclohexane	9.356	83	110449	22.200	ug/l	90
40) Benzene	8.350	78	109271	9.110	ug/l	99
52) Toluene	10.403	92	10615	1.383	ug/l	97
67) Ethyl Benzene	11.738	91	726284	43.237	ug/l	97
68) m/p-Xylenes	11.844	106	25307	3.936	ug/l	94
73) Isopropylbenzene	12.473	105	187295	10.878	ug/l	99
78) n-propylbenzene	12.814	91	620486	29.320	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	15219	1.077	ug/l	98
85) sec-Butylbenzene	13.391	105	176117	9.360	ug/l #	69
89) n-Butylbenzene	13.832	91	175177	11.903	ug/l #	73
95) Naphthalene	15.385	128	188675	23.673	ug/l	99

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

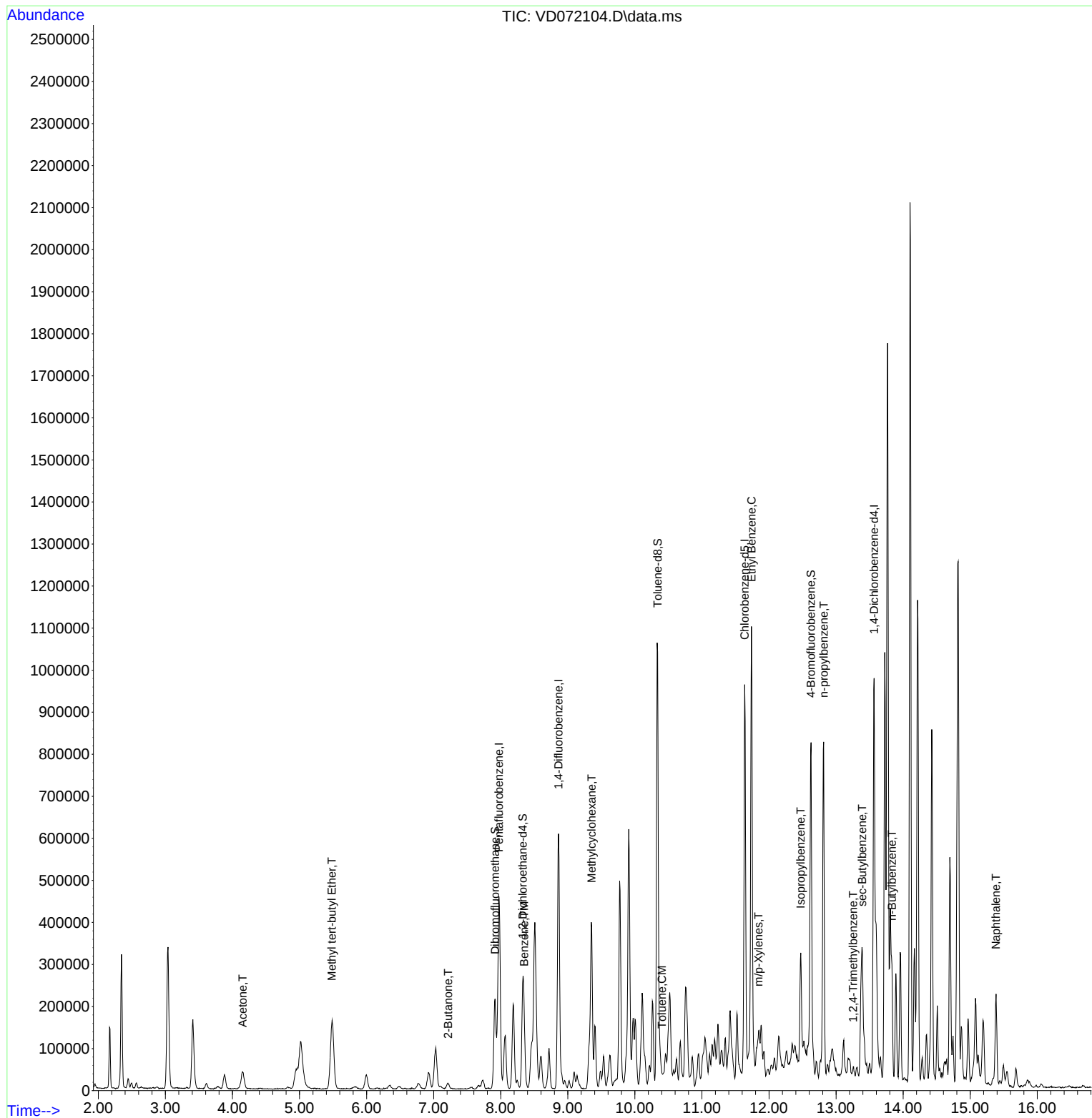
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
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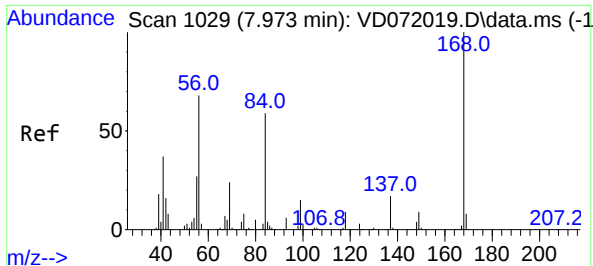
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

Quant Time: Feb 26 05:43:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
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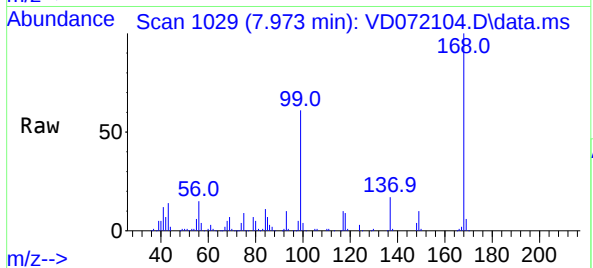
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

UNK-SOUTH

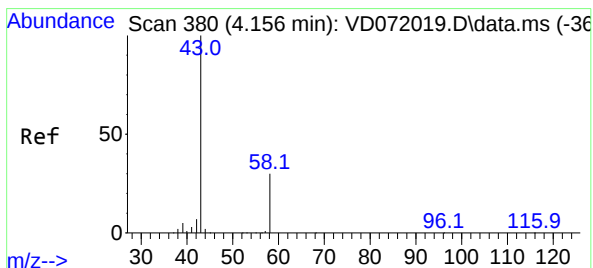
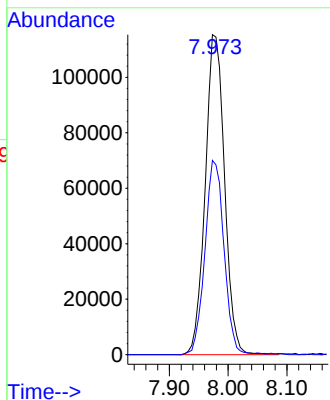
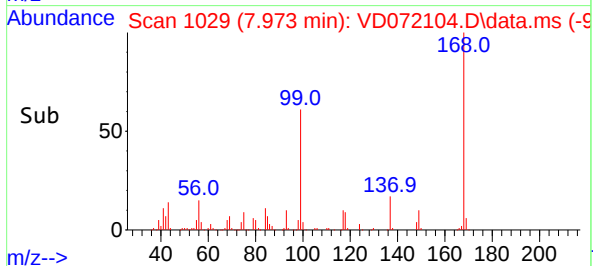


Tgt Ion:168 Resp: 264059
Ion Ratio Lower Upper
168 100
99 60.7 47.1 70.7

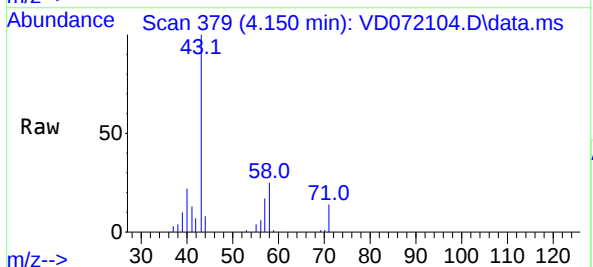
Manual Integrations

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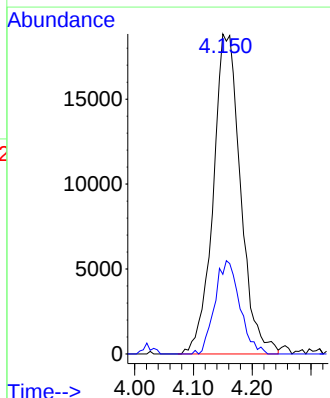
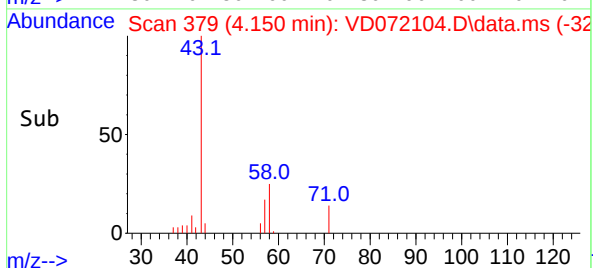
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

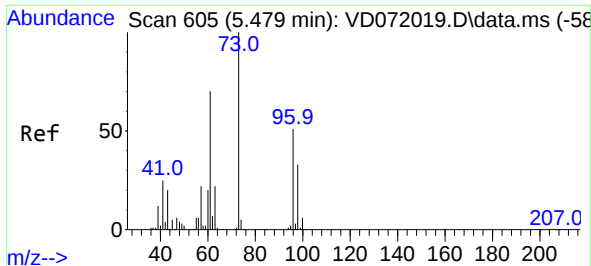


#16
Acetone
Concen: 102.897 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01



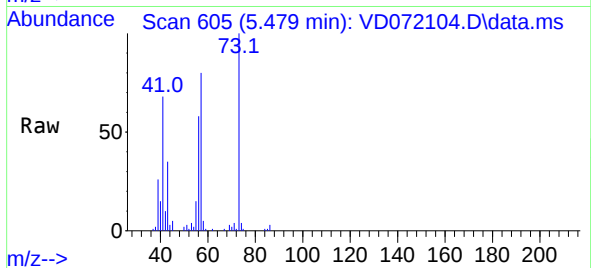
Tgt Ion: 43 Resp: 60911
Ion Ratio Lower Upper
43 100
58 24.9 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 21.024 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

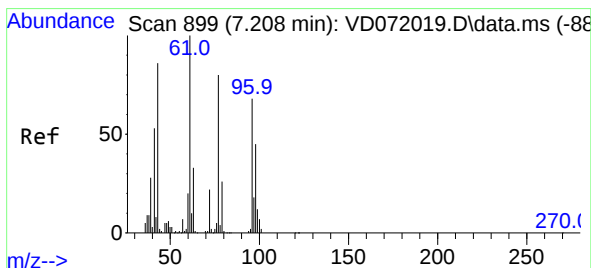
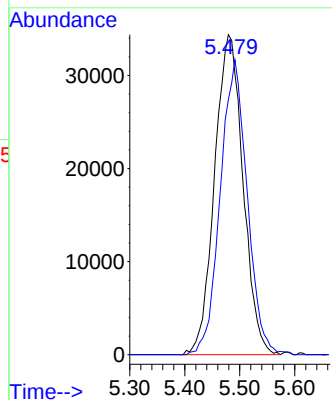
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH



Tgt Ion: 73 Resp: 123420
Ion Ratio Lower Upper
73 100
57 79.7 18.0 27.0

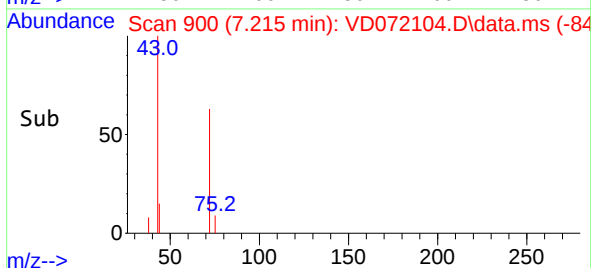
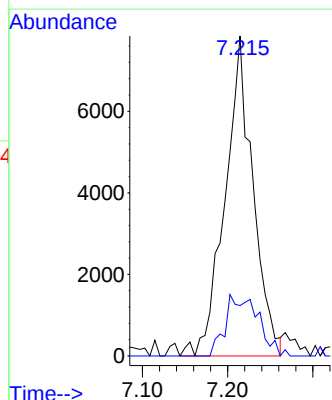
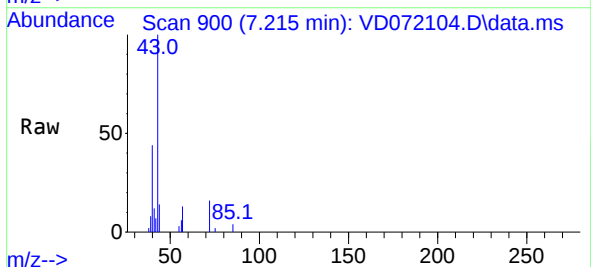
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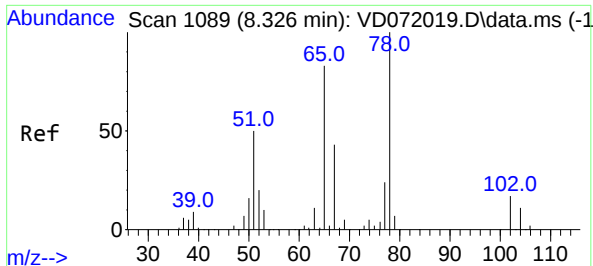
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#25
2-Butanone
Concen: 21.937 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

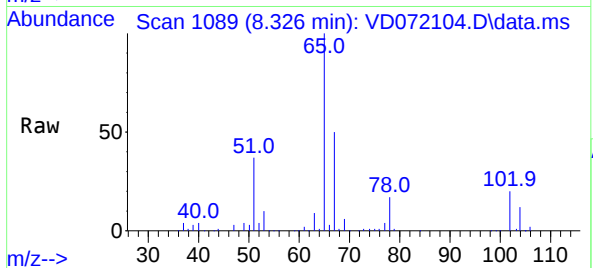
Tgt Ion: 43 Resp: 17948
Ion Ratio Lower Upper
43 100
72 15.8 20.3 30.5





#33
1,2-Dichloroethane-d4
Concen: 64.792 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

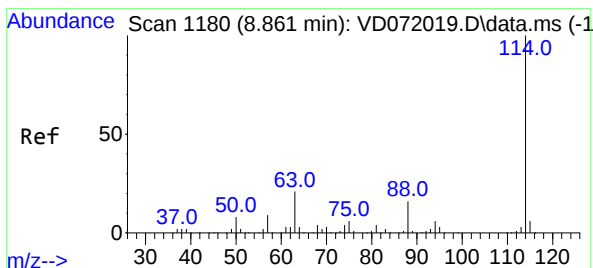
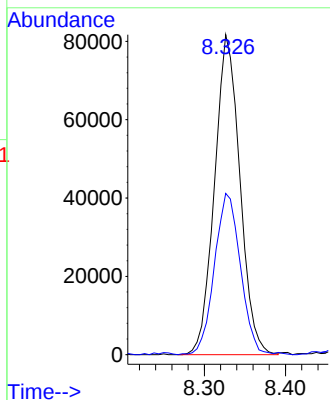
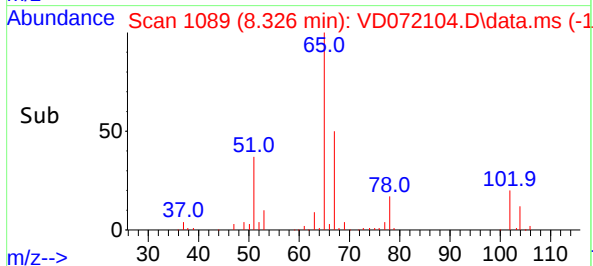
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH



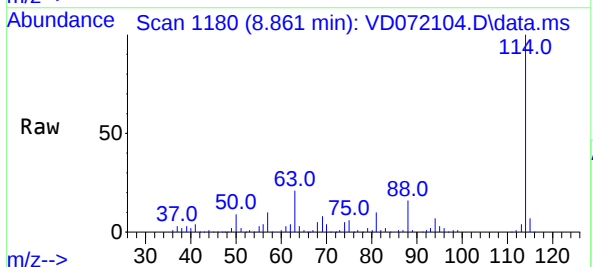
Tgt Ion: 65 Resp: 17747
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.6

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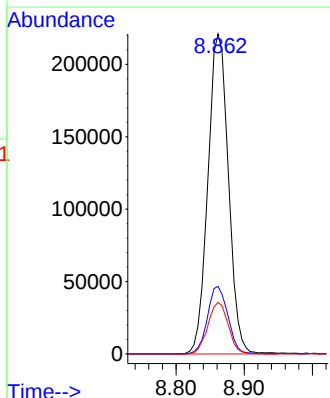
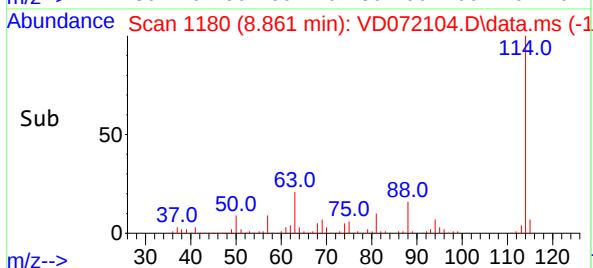
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

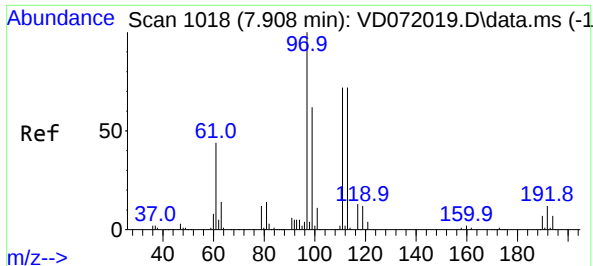


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01



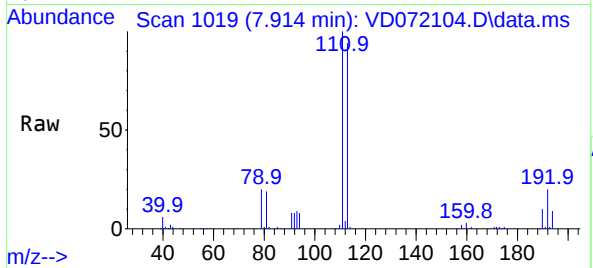
Tgt Ion:114 Resp: 463187
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 16.1 0.0 31.2





#35
Dibromofluoromethane
Concen: 54.460 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

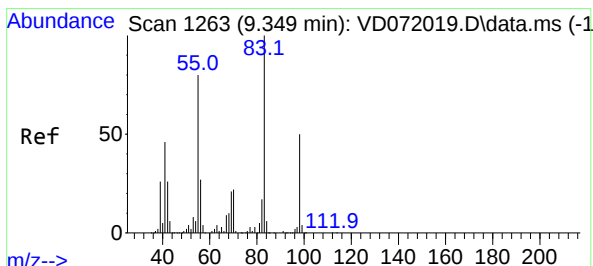
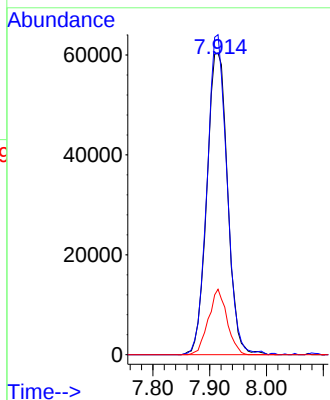
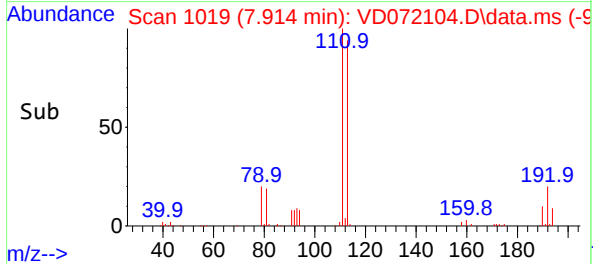
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH



Tgt Ion:113 Resp: 15283
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 19.5 15.3 22.9

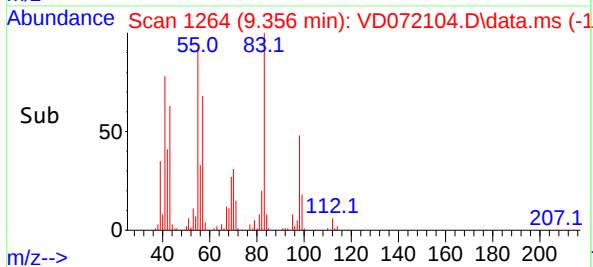
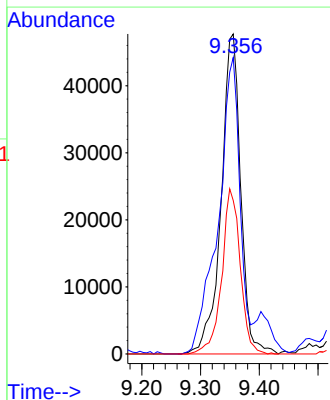
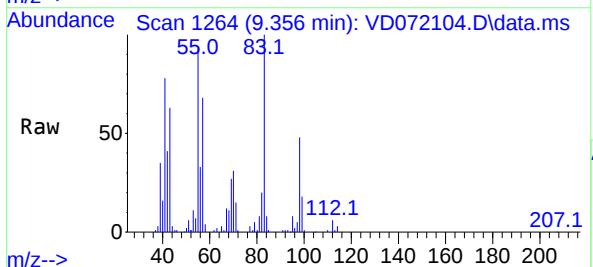
Manual Integrations
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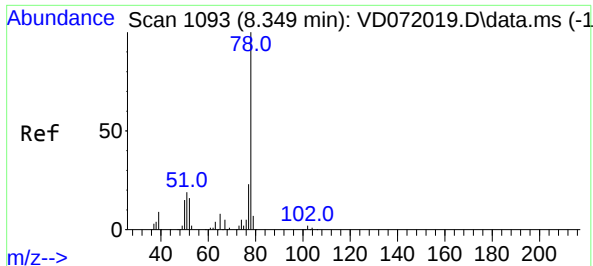
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#39
Methylcyclohexane
Concen: 22.200 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 83 Resp: 110449
Ion Ratio Lower Upper
83 100
55 92.6 64.0 96.0
98 48.0 39.8 59.8





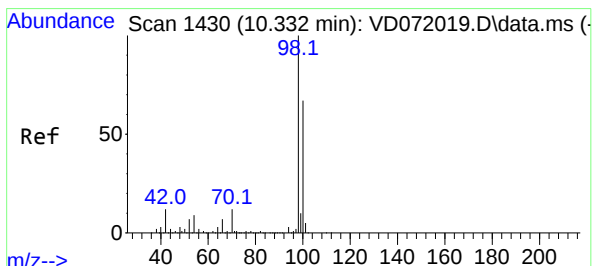
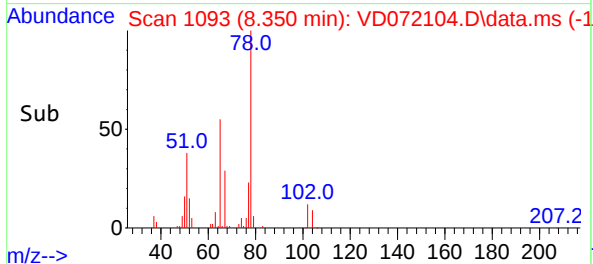
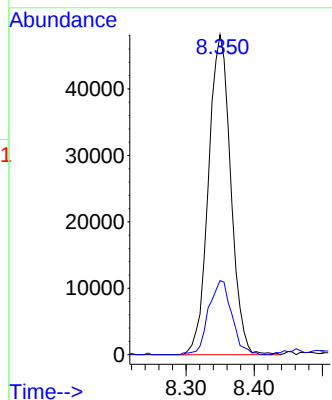
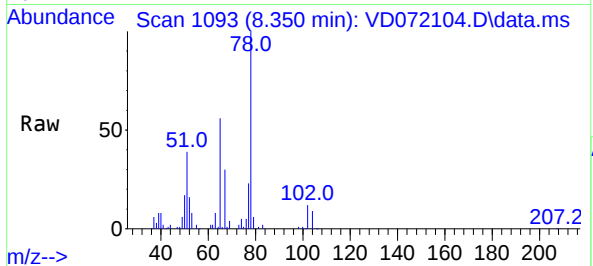
#40
Benzene
Concen: 9.110 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

Tgt Ion: 78 Resp: 10927
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.4

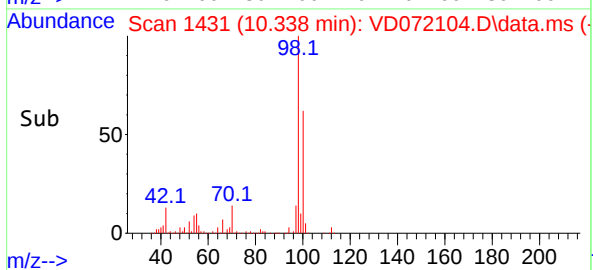
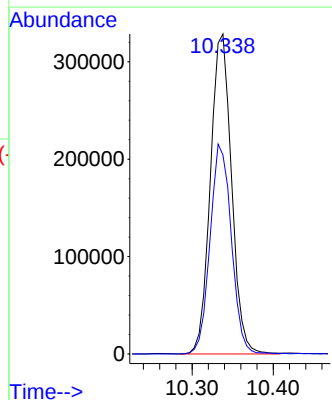
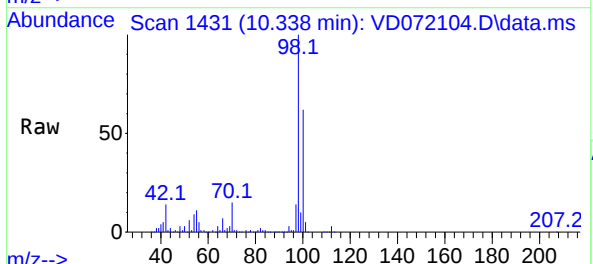
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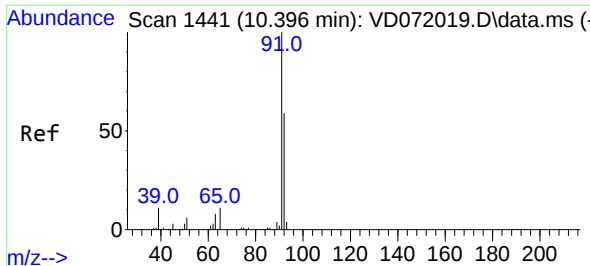
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#50
Toluene-d8
Concen: 57.118 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 98 Resp: 594423
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6





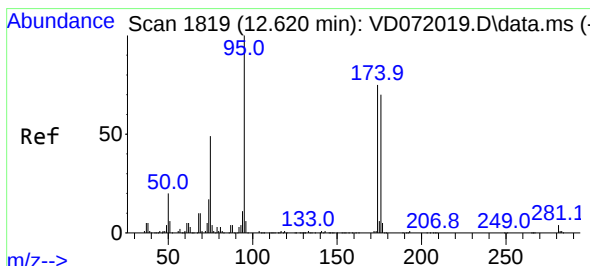
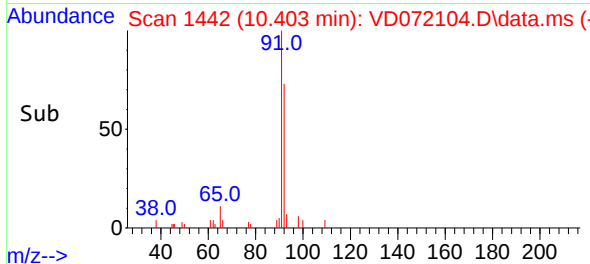
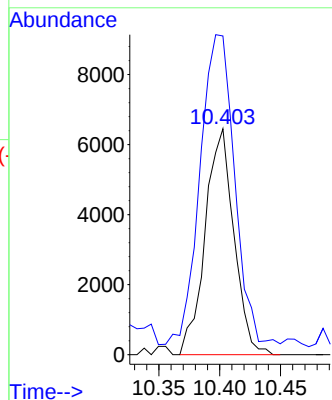
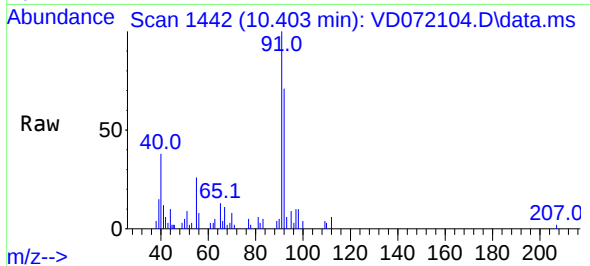
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Toluene
Concen: 1.383 ug/l
RT: 10.403 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 92 Resp: 1061
Ion Ratio Lower Upper
92 100
91 165.5 135.6 203.4

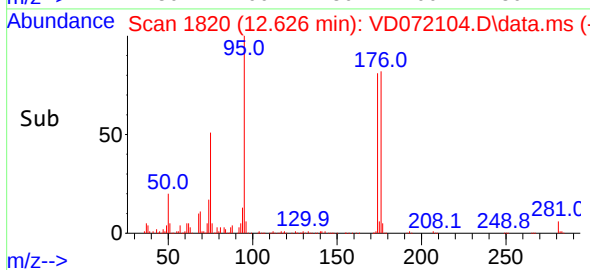
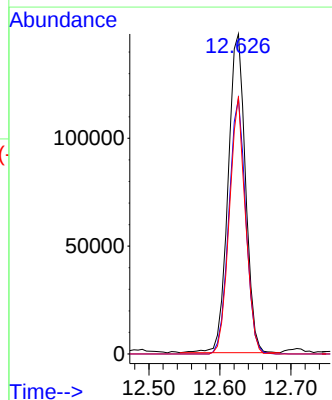
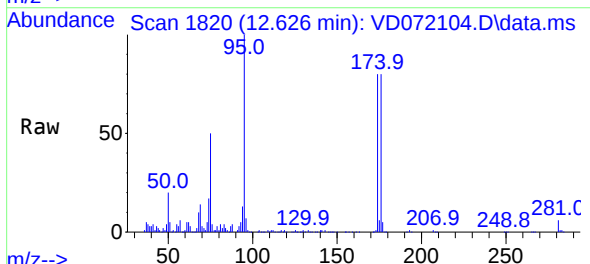
Manual Integrations
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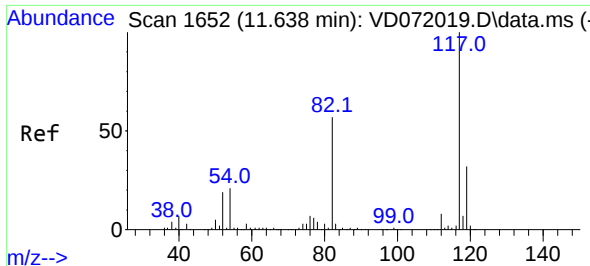
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#62
4-Bromofluorobenzene
Concen: 65.718 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

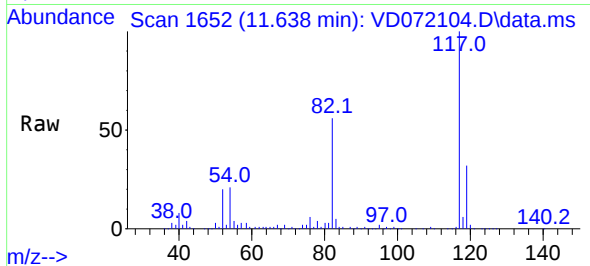
Tgt Ion: 95 Resp: 251225
Ion Ratio Lower Upper
95 100
174 77.6 0.0 155.0
176 74.4 0.0 148.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

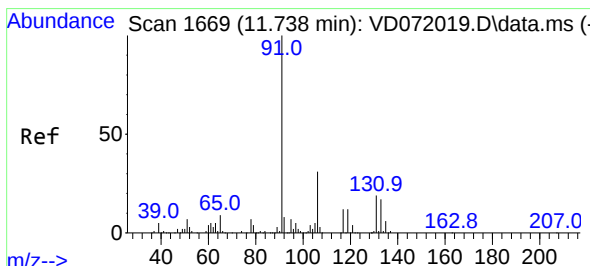
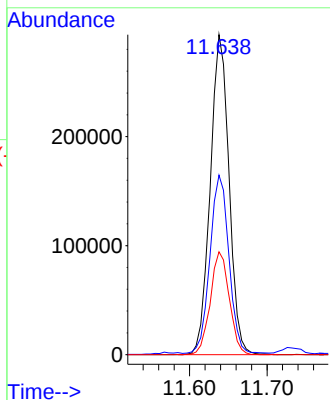
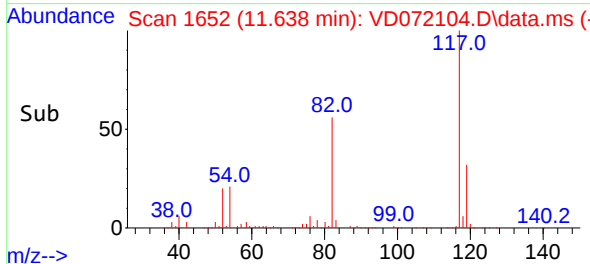
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH



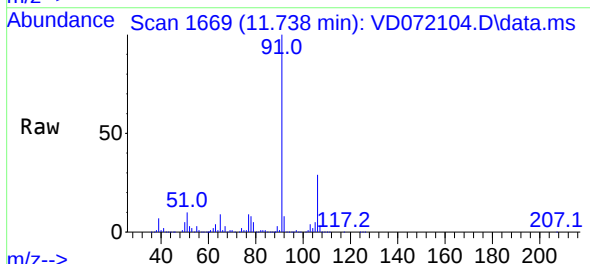
Tgt Ion:117 Resp: 492900
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.2 25.4 38.2

Manual Integrations
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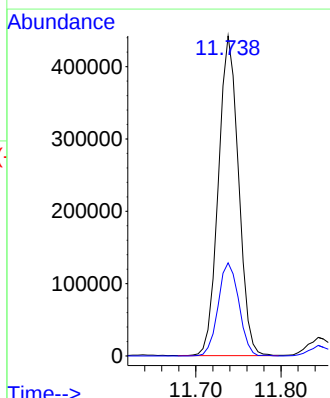
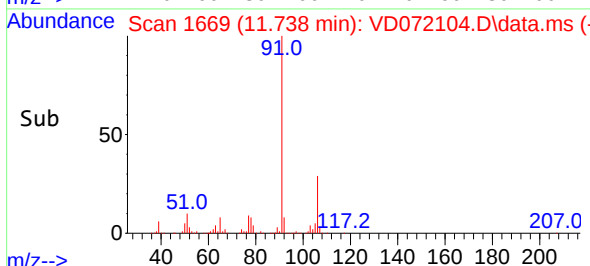
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

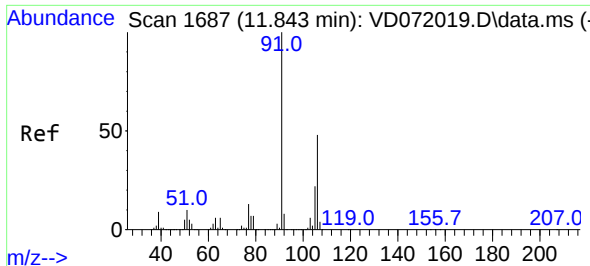


#67
Ethyl Benzene
Concen: 43.237 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01



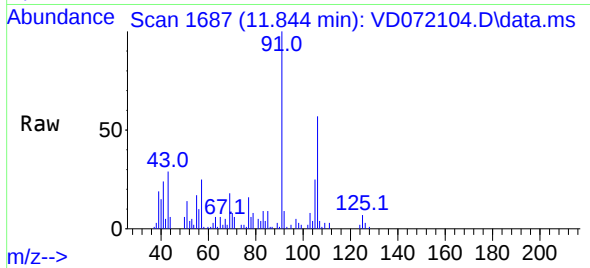
Tgt Ion: 91 Resp: 726284
Ion Ratio Lower Upper
91 100
106 29.1 24.6 36.8





#68
m/p-Xylenes
Concen: 3.936 ug/l
RT: 11.844 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

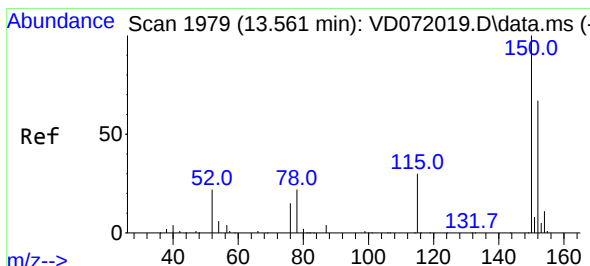
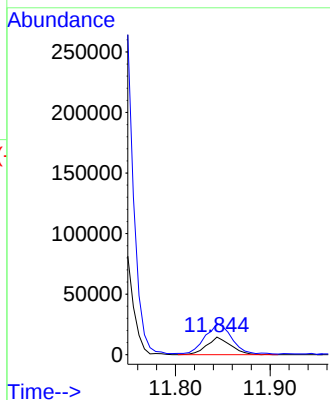
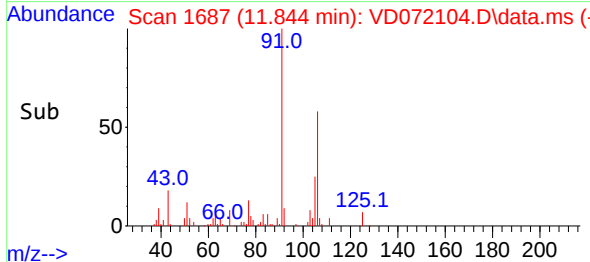
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH



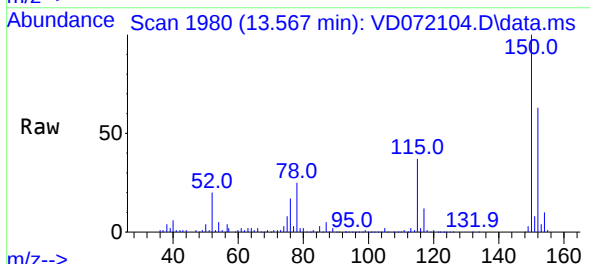
Tgt Ion:106 Resp: 25307
Ion Ratio Lower Upper
106 100
91 193.4 162.6 243.8

Manual Integrations
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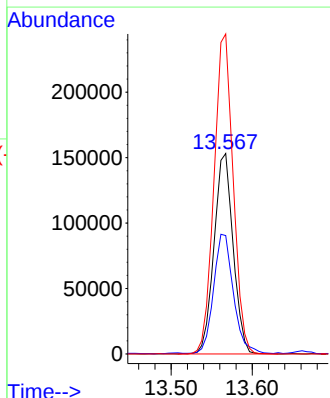
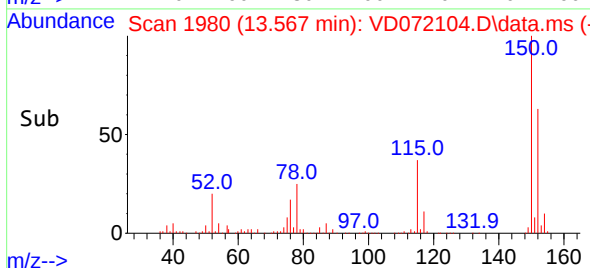
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

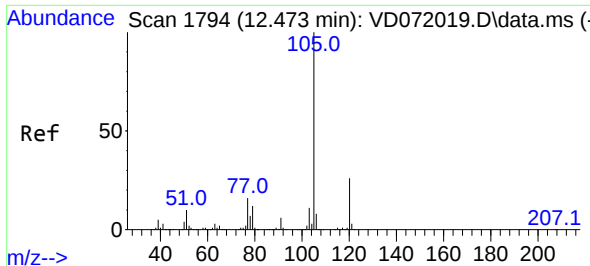


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01



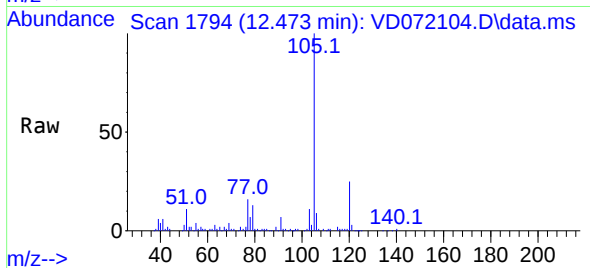
Tgt Ion:152 Resp: 250764
Ion Ratio Lower Upper
152 100
115 61.5 29.9 89.7
150 160.2 0.0 347.6





#73
Isopropylbenzene
Concen: 10.878 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

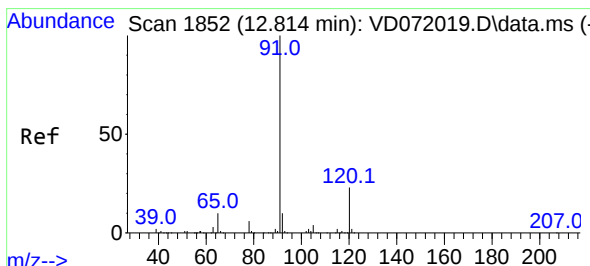
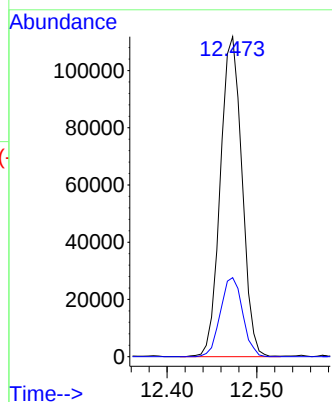
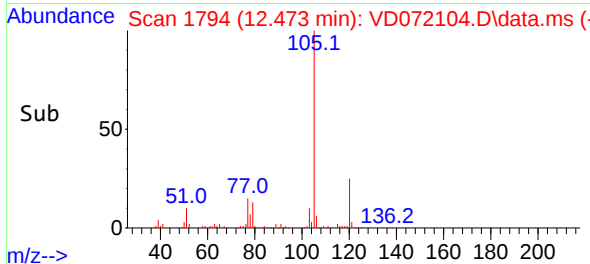
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH



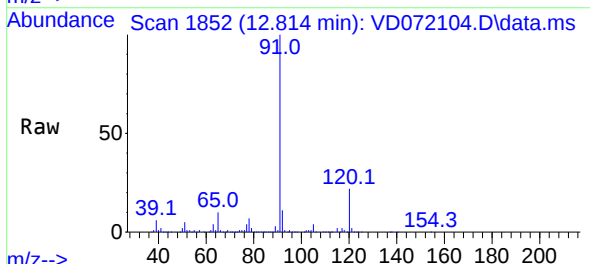
Tgt Ion:105 Resp: 18729
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

Manual Integrations
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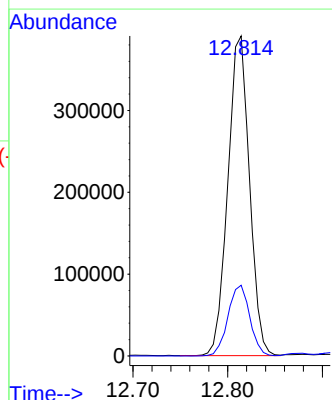
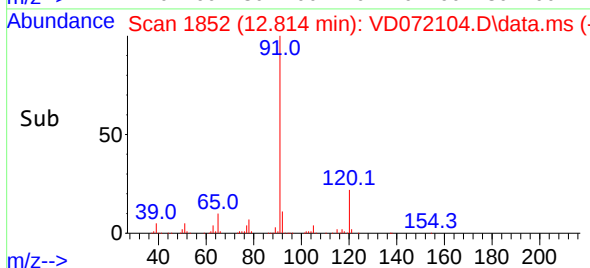
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

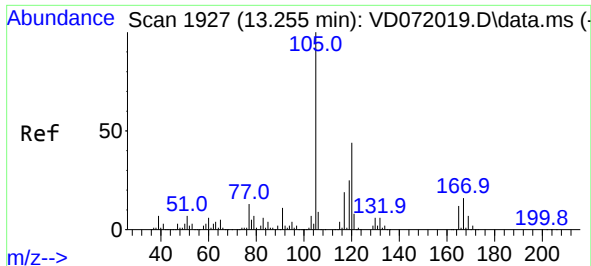


#78
n-propylbenzene
Concen: 29.320 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01



Tgt Ion: 91 Resp: 620486
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5





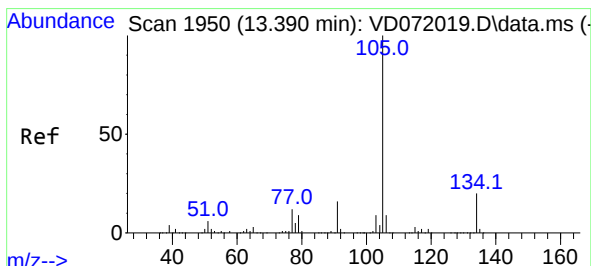
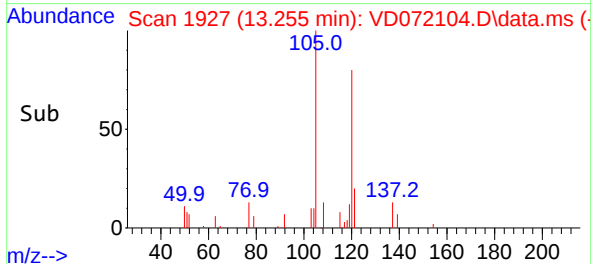
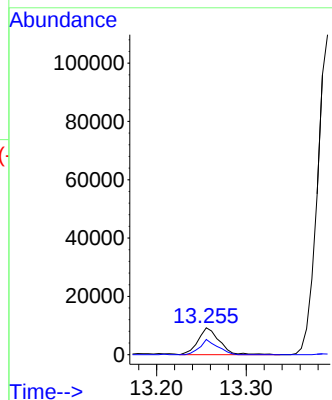
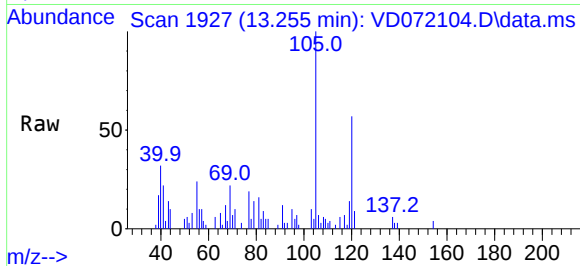
#84
1,2,4-Trimethylbenzene
Concen: 1.077 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

Tgt Ion:105 Resp: 15219
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.3

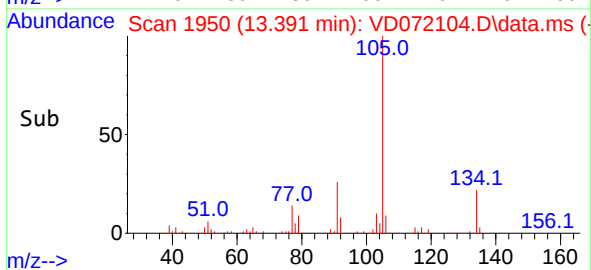
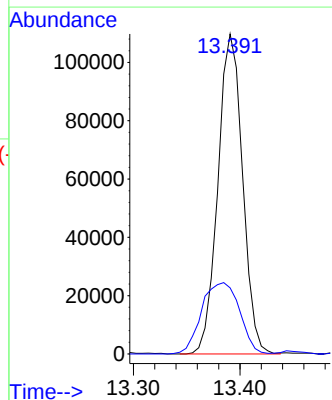
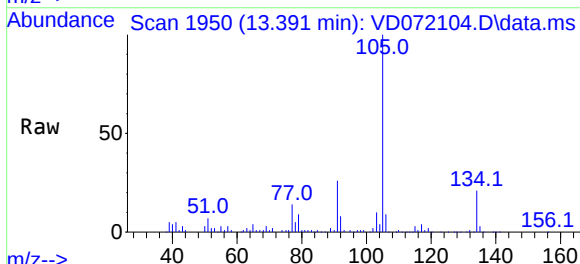
Manual Integrations
APPROVED

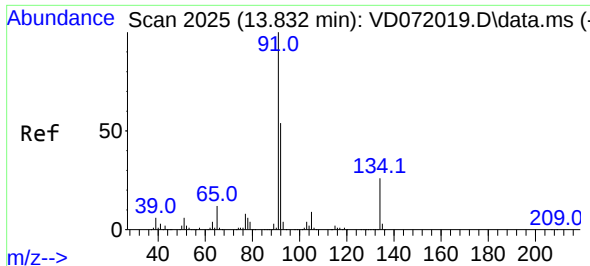
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#85
sec-Butylbenzene
Concen: 9.360 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion:105 Resp: 176117
Ion Ratio Lower Upper
105 100
134 34.3 10.0 29.8#





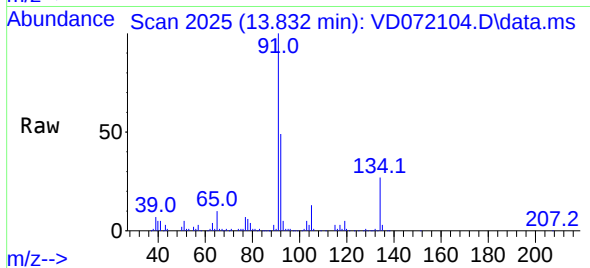
#89
n-Butylbenzene
Concen: 11.903 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

UNK-SOUTH

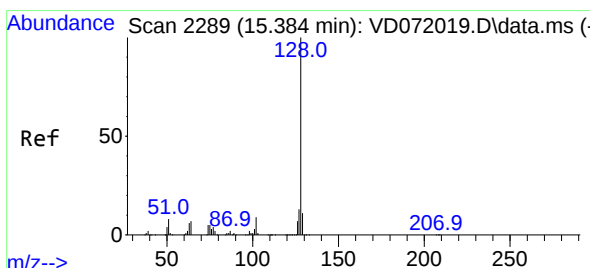
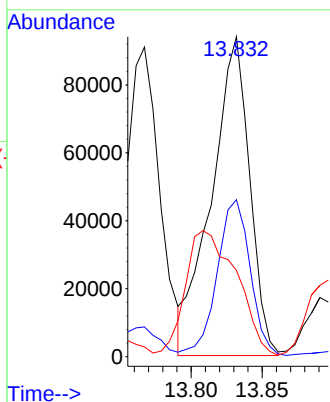
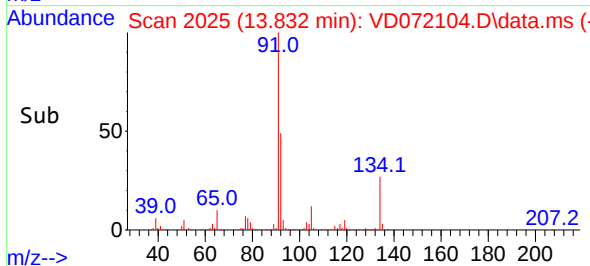


Tgt Ion: 91 Resp: 17517
Ion Ratio Lower Upper
91 100
92 43.1 27.0 81.0
134 0.0 12.8 38.4

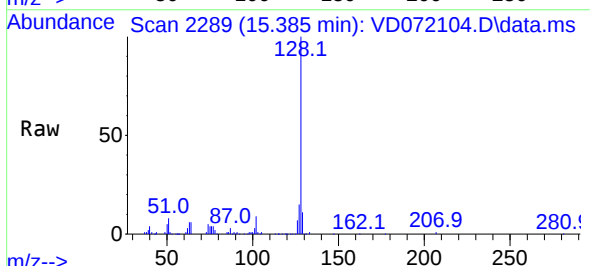
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#95
Naphthalene
Concen: 23.673 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01



Tgt Ion:128 Resp: 188675
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.7 13.1

