

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073512.D
 Acq On : 09 Jun 2022 16:21
 Operator : VA/SY
 Sample : N3209-14
 Misc : 6.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14B-2-1-GR

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 28 06:58:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	184383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	401933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	331918	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.543	152	331098	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	122482	61.901	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.800%			
35) Dibromofluoromethane	7.908	113	114747	44.397	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.800%			
50) Toluene-d8	10.355	98	12578497	1287.196	ug/l	0.02
Spiked Amount 50.000	Range 49 - 140		Recovery = 2574.400%#			
62) 4-Bromofluorobenzene	12.620	95	2853871	804.474	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 1608.940%#			
Target Compounds						
					Qvalue	
16) Acetone	4.138	43	1805997	5183.729	ug/l #	70
17) Carbon Disulfide	4.402	76	79329	13.911	ug/l	98
31) Cyclohexane	7.985	56	11400579	3420.317	ug/l #	96
39) Methylcyclohexane	9.343	83	50998445m	11273.697	ug/l	
40) Benzene	8.349	78	53671	4.753	ug/l	95
73) Isopropylbenzene	12.479	105	7655504	333.580	ug/l	98
78) n-propylbenzene	12.814	91	10235508	358.309	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	176837	8.934	ug/l	94
83) tert-Butylbenzene	13.214	119	496630	29.687	ug/l	78
85) sec-Butylbenzene	13.390	105	3860860	154.064	ug/l #	67
89) n-Butylbenzene	13.831	91	2122897	107.727	ug/l #	86

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

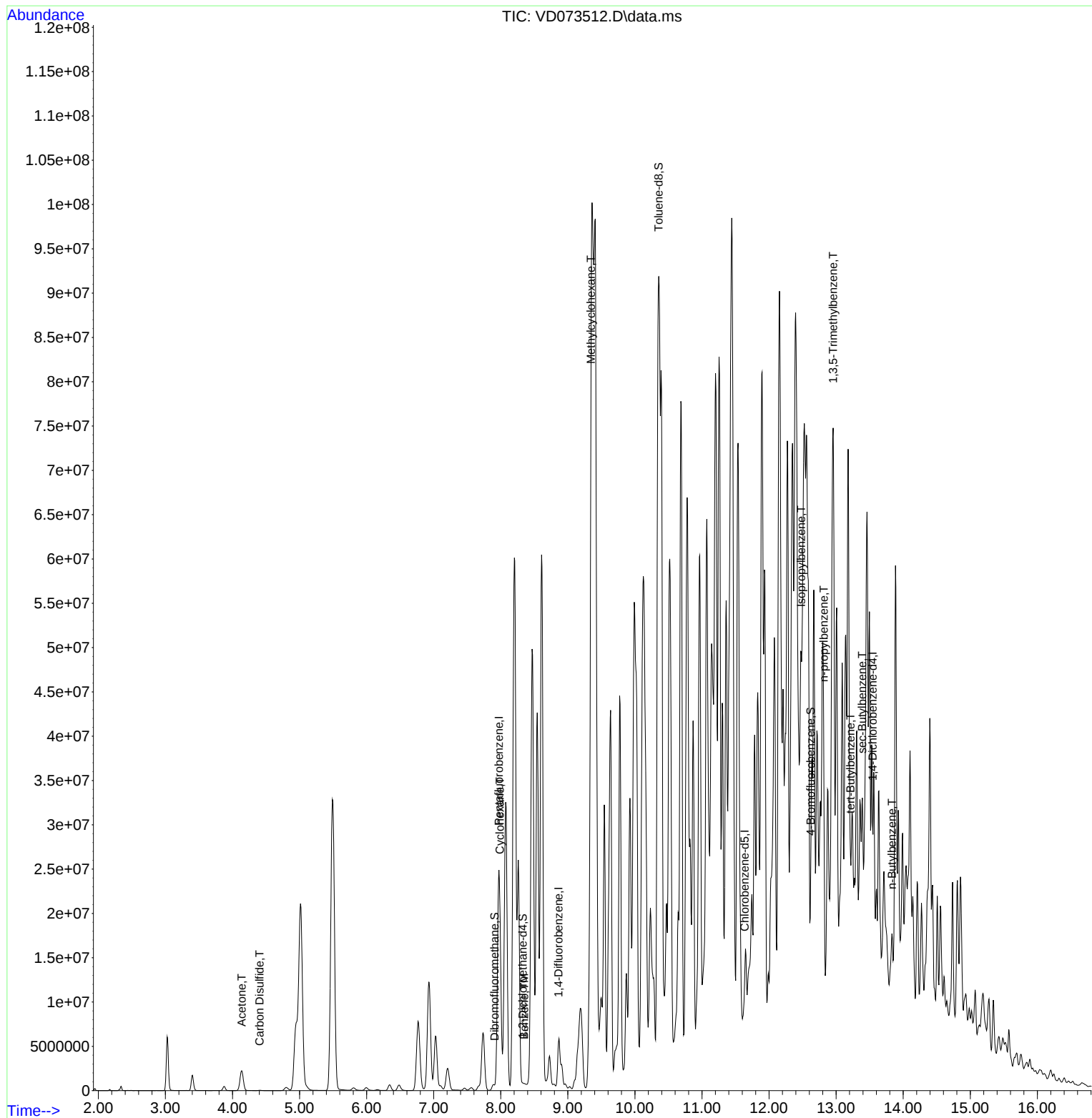
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

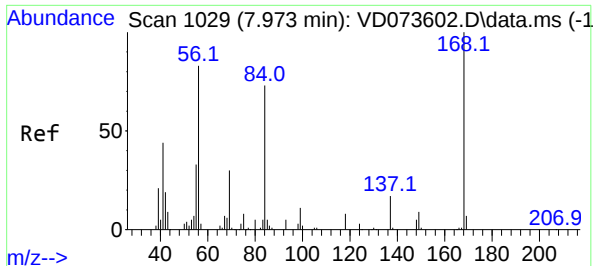
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Time: Jun 28 06:58:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

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APPROVED

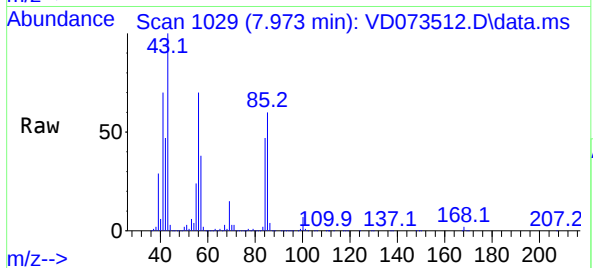
Reviewed By : Semsettin Yesilyurt 06/28/2022
Supervised By : Mahesh Dadoda 06/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

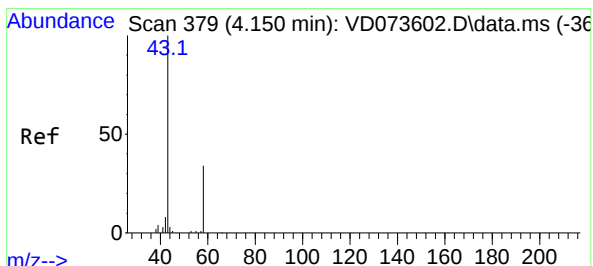
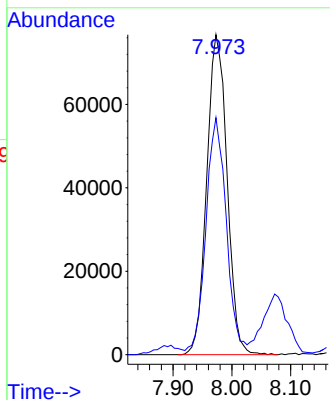
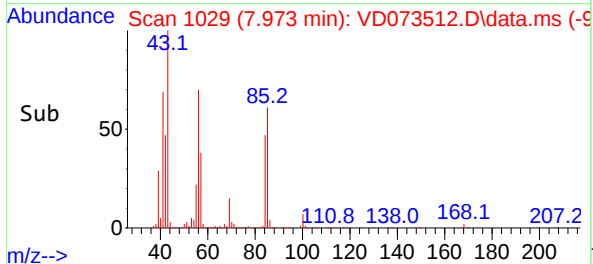
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR



Tgt Ion:168 Resp: 18438
Ion Ratio Lower Upper
168 100
99 72.1 49.8 74.6

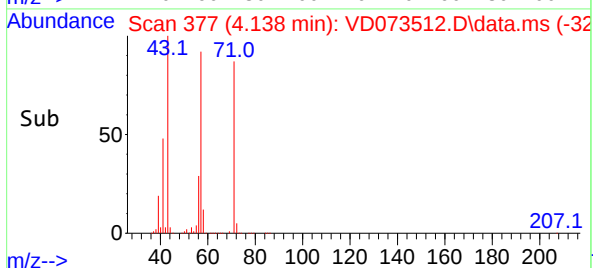
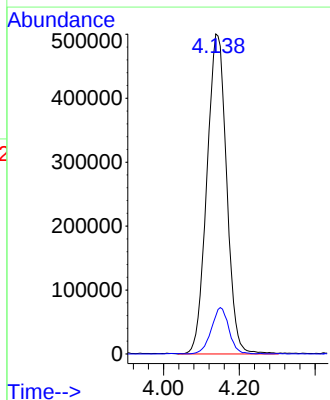
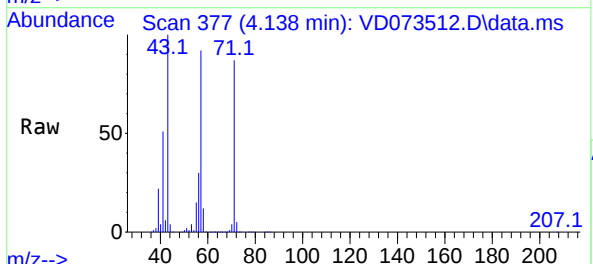
Manual Integrations
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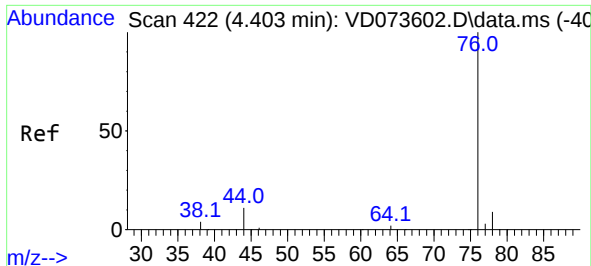
Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
Acetone
Concen: 5183.729 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.012 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

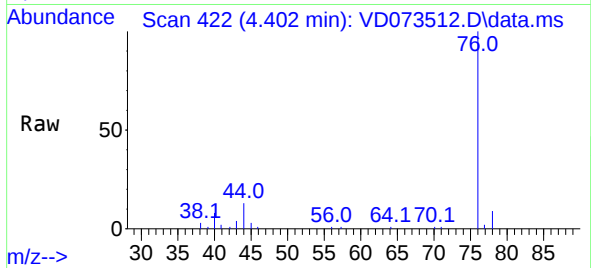
Tgt Ion: 43 Resp: 1805997
Ion Ratio Lower Upper
43 100
58 11.8 22.1 33.1#





#17
Carbon Disulfide
Concen: 13.911 ug/l
RT: 4.402 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

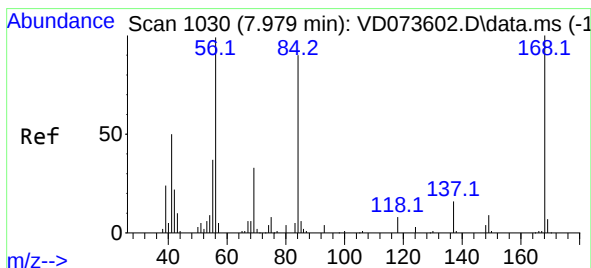
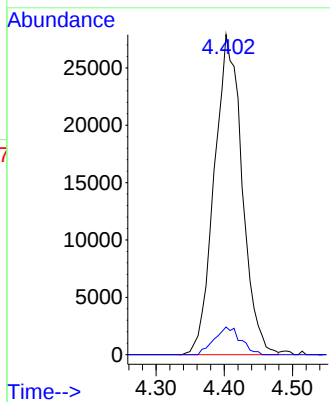
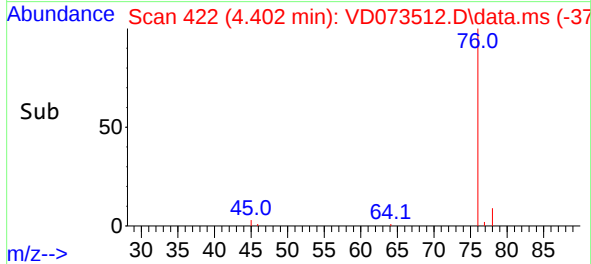
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR



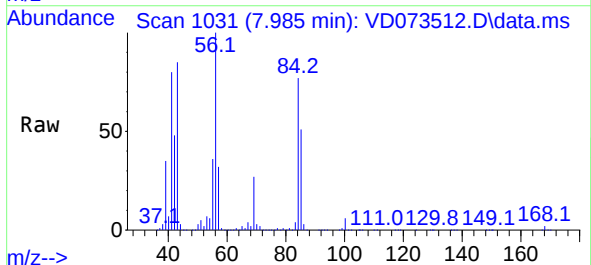
Tgt Ion: 76 Resp: 79329
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

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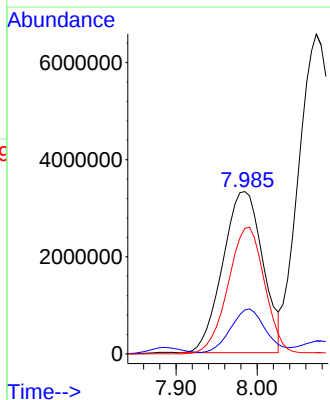
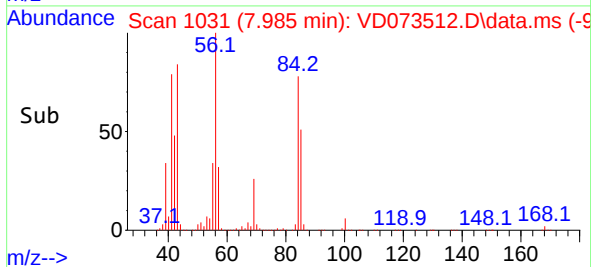
Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

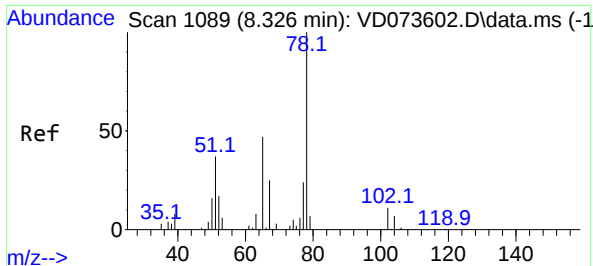


#31
Cyclohexane
Concen: 3420.317 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21



Tgt Ion: 56 Resp:11400579
Ion Ratio Lower Upper
56 100
69 24.4 25.4 38.2#
84 77.9 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 61.901 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-2-1-GR

Tgt Ion: 65 Resp: 12248

Ion Ratio Lower Upper

65 100

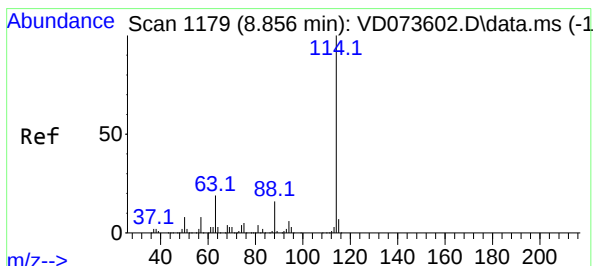
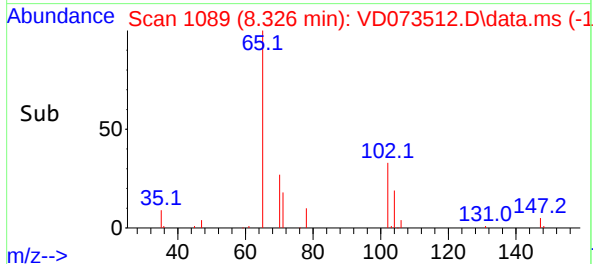
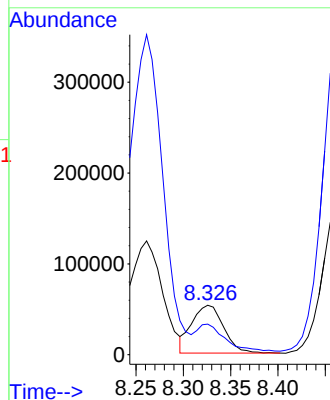
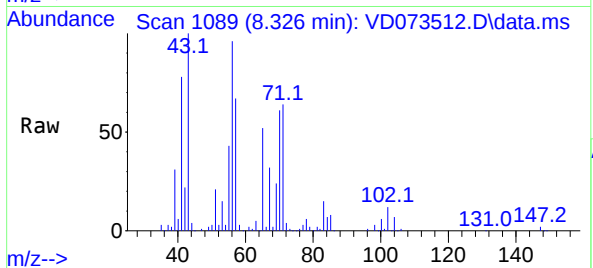
67 49.2 0.0 101.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

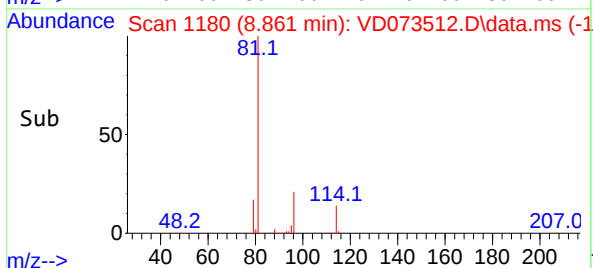
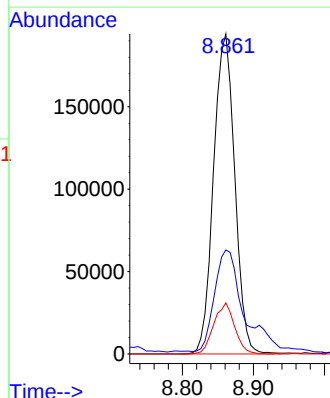
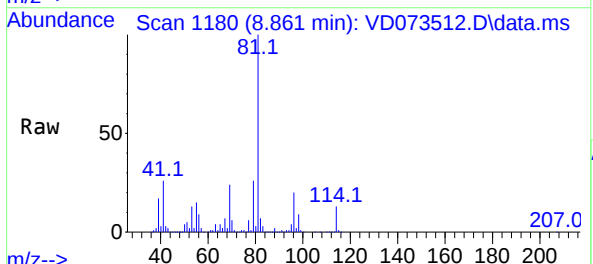
Tgt Ion:114 Resp: 401933

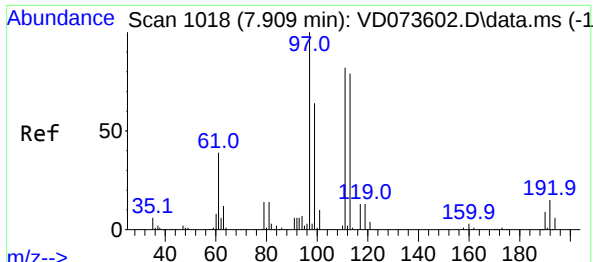
Ion Ratio Lower Upper

114 100

63 31.6 0.0 46.6

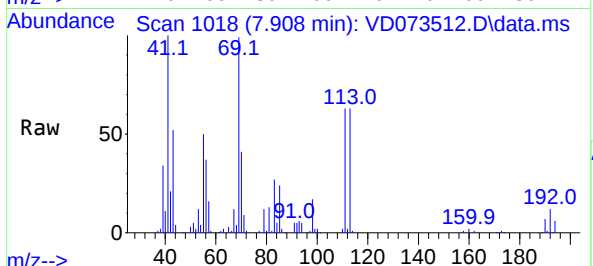
88 16.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 44.397 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

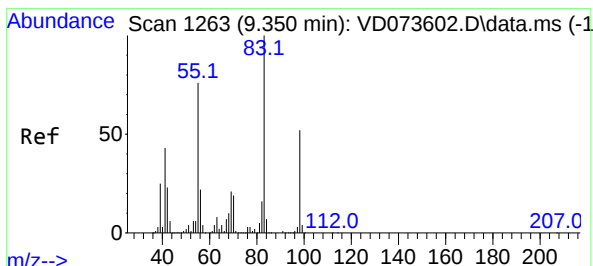
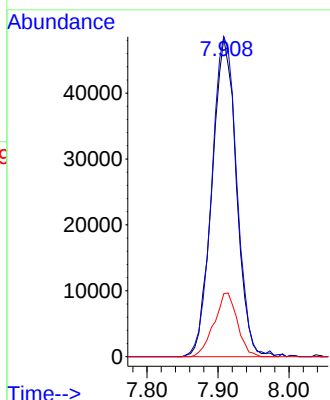
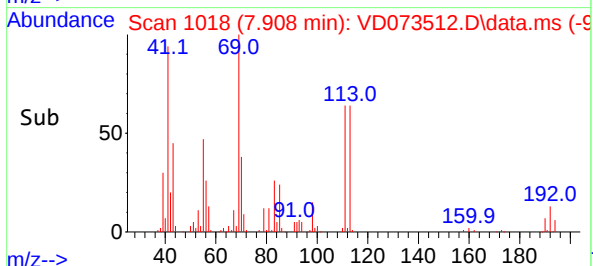
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR



Tgt Ion: 113 Resp: 11474
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 19.0 14.6 21.8

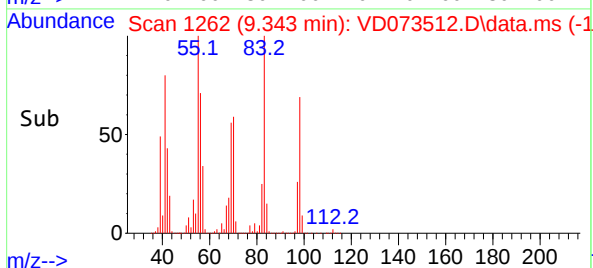
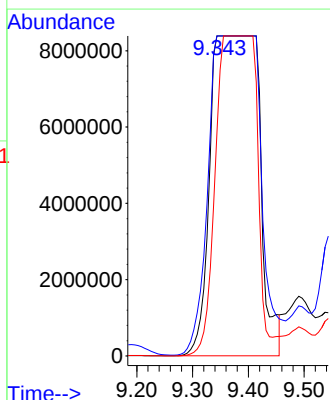
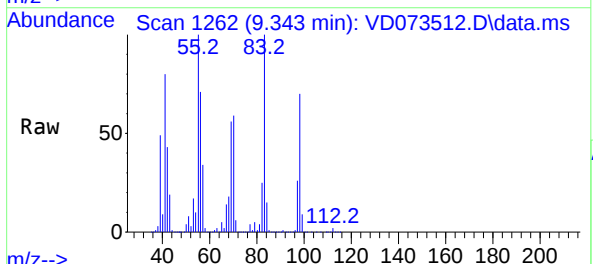
Manual Integrations
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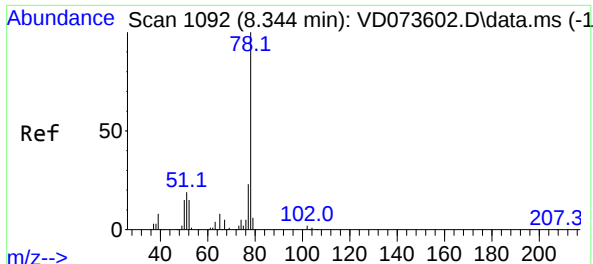
Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#39
Methylcyclohexane
Concen: 11273.697 ug/l m
RT: 9.343 min Scan# 1262
Delta R.T. -0.007 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 83 Resp: 50998445
Ion Ratio Lower Upper
83 100
55 100.0 63.2 94.8#
98 69.6 38.2 57.4#





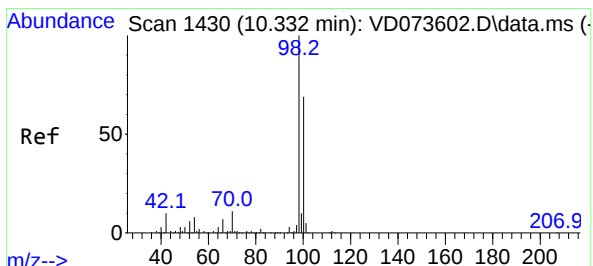
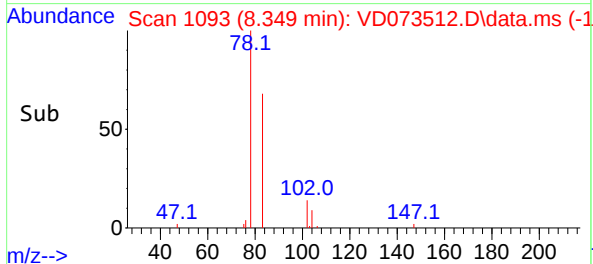
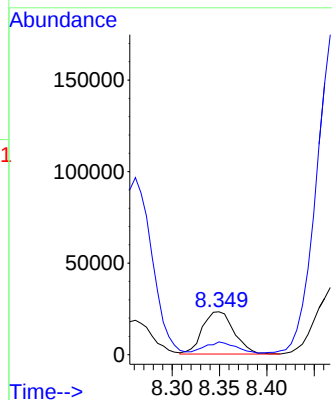
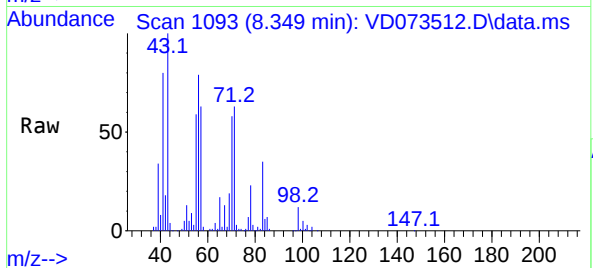
#40
Benzene
Concen: 4.753 ug/l
RT: 8.349 min Scan# 1092
Delta R.T. 0.005 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Tgt Ion: 78 Resp: 5367
Ion Ratio Lower Upper
78 100
77 21.5 19.1 28.7

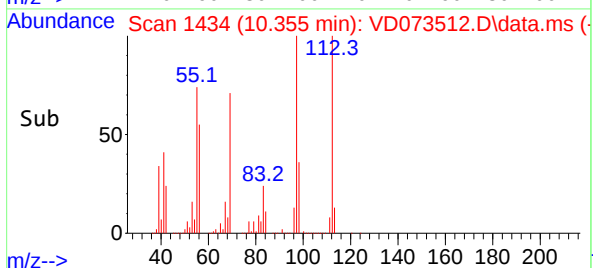
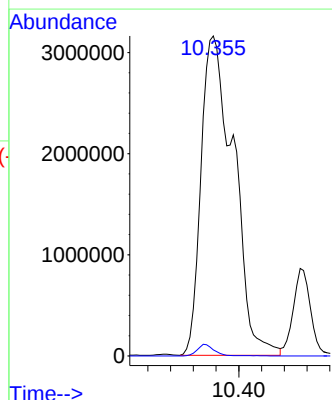
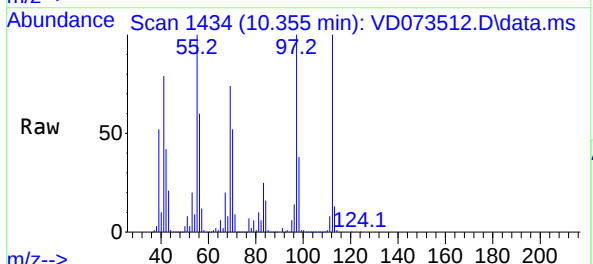
Manual Integrations
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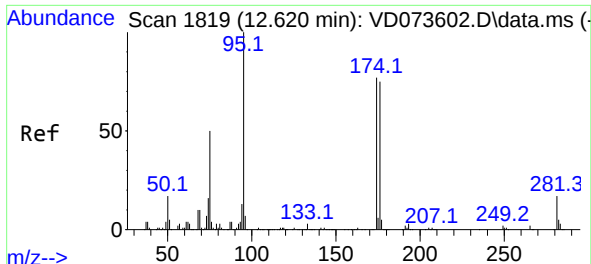
Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#50
Toluene-d8
Concen: 1287.196 ug/l
RT: 10.355 min Scan# 1434
Delta R.T. 0.023 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 98 Resp:12578497
Ion Ratio Lower Upper
98 100
100 1.9 52.4 78.6#





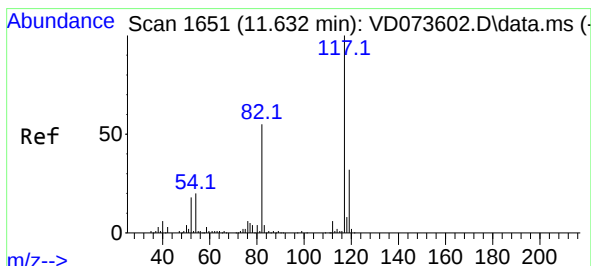
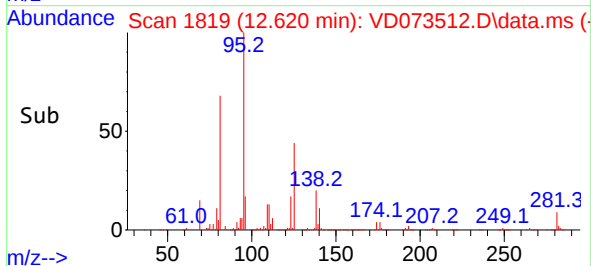
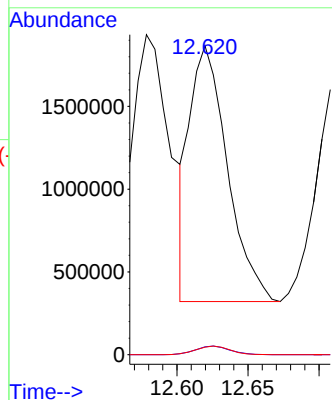
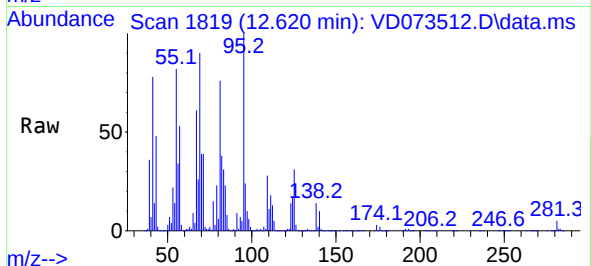
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4-Bromofluorobenzene
Concen: 804.474 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Tgt Ion: 95 Resp: 285387
Ion Ratio Lower Upper
95 100
174 3.1 0.0 152.8
176 3.0 0.0 145.4

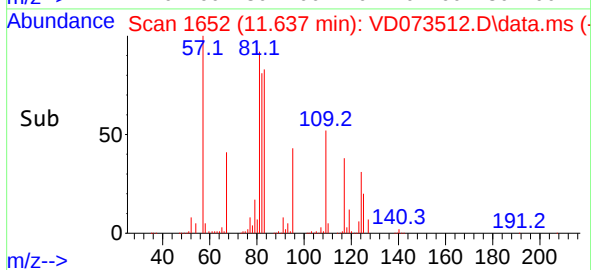
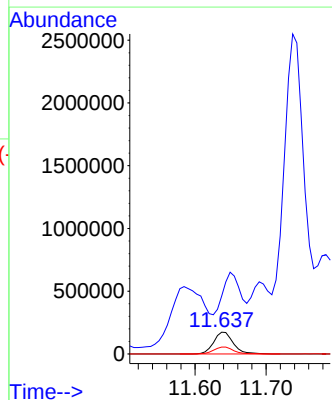
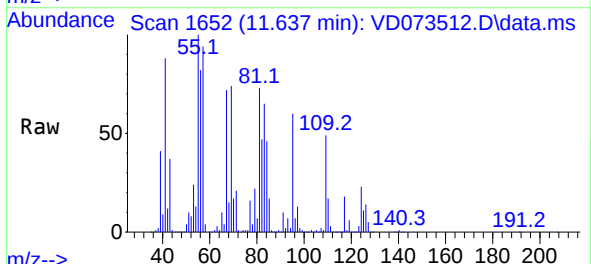
Manual Integrations
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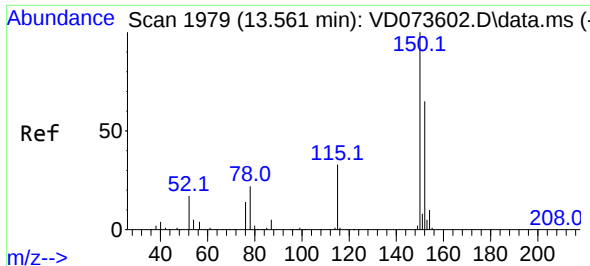
Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.005 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

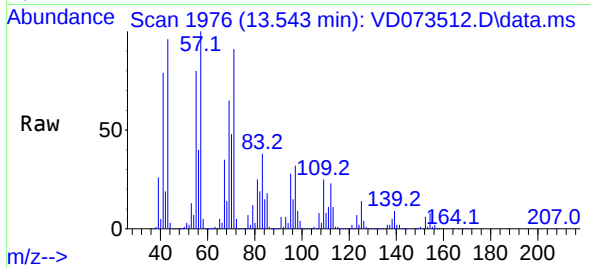
Tgt Ion:117 Resp: 331918
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9#
119 31.7 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.543 min Scan# 1976
Delta R.T. -0.018 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

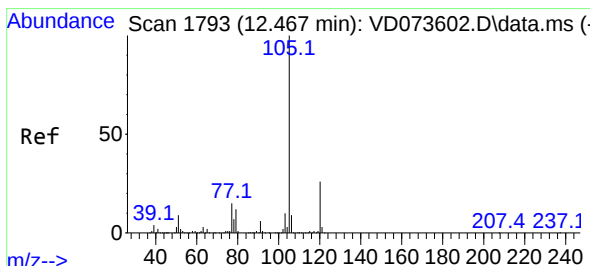
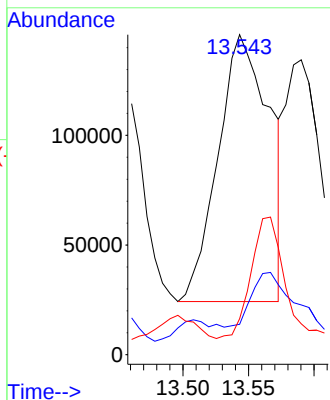
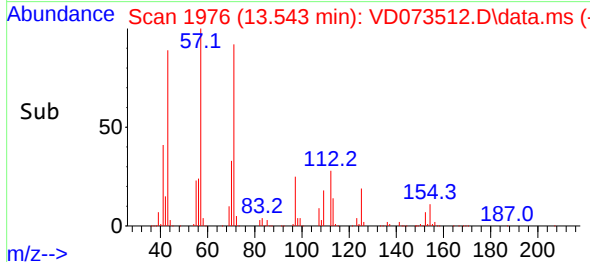
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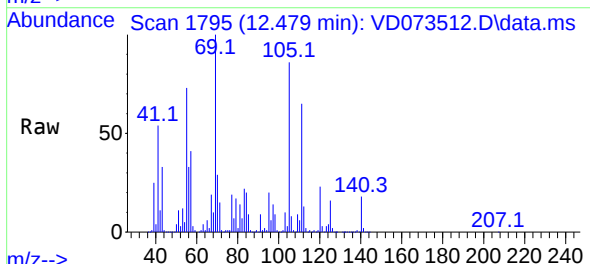
Tgt Ion:152 Resp: 331098
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8
150 0.0 0.0 348.6

Manual Integrations
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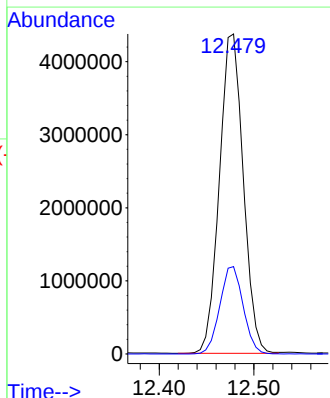
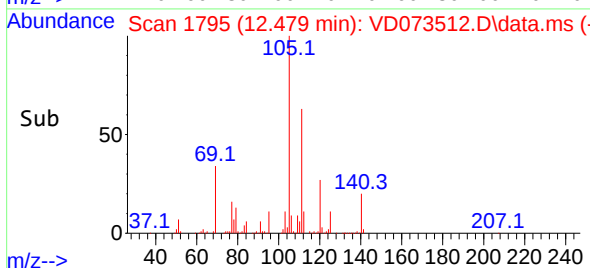
Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

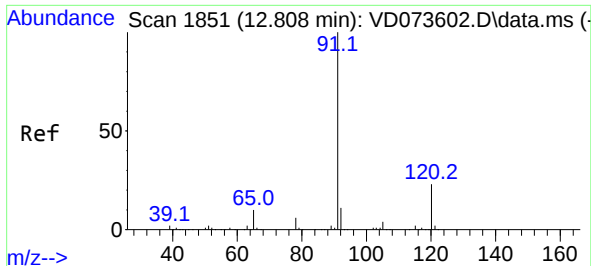


#73
Isopropylbenzene
Concen: 333.580 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21



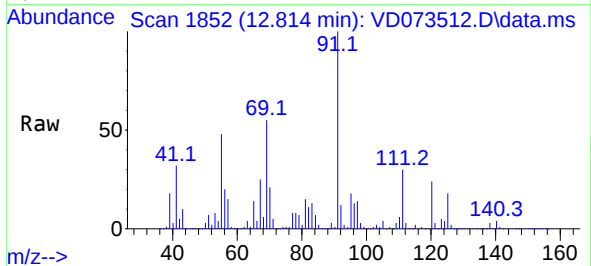
Tgt Ion:105 Resp: 7655504
Ion Ratio Lower Upper
105 100
120 26.8 13.0 38.9





#78
n-propylbenzene
Concen: 358.309 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

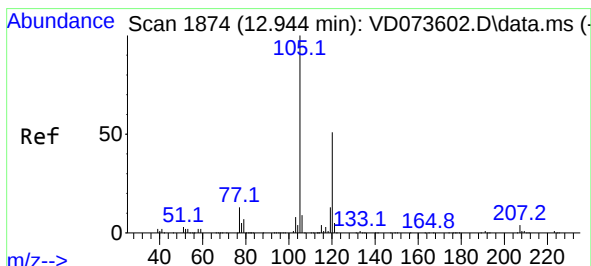
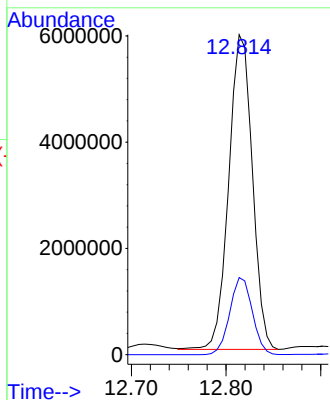
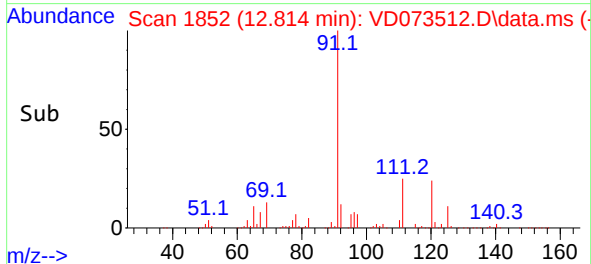
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR



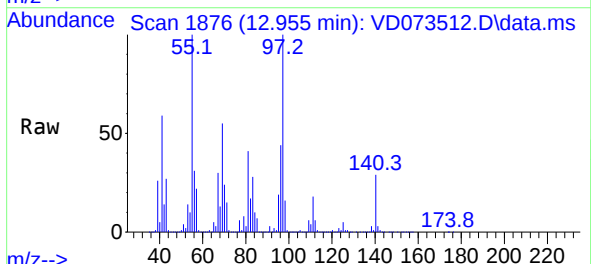
Tgt Ion: 91 Resp:10235508
Ion Ratio Lower Upper
91 100
120 23.4 10.9 32.9

Manual Integrations
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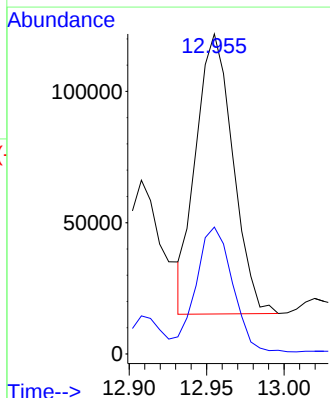
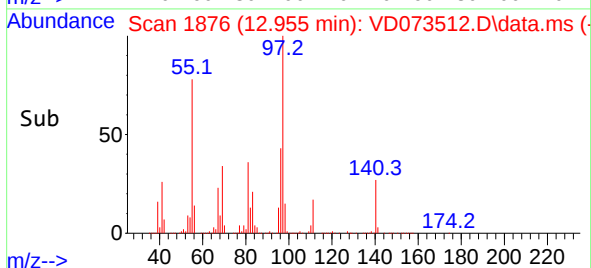
Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

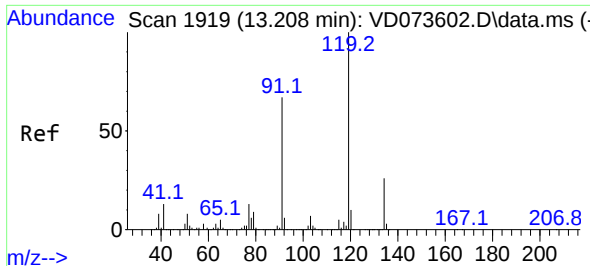


#80
1,3,5-Trimethylbenzene
Concen: 8.934 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21



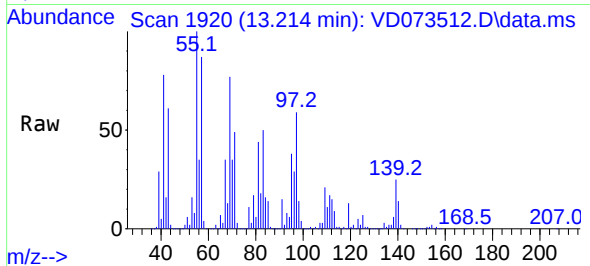
Tgt Ion:105 Resp: 176837
Ion Ratio Lower Upper
105 100
120 44.3 24.3 72.8





#83
tert-Butylbenzene
Concen: 29.687 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

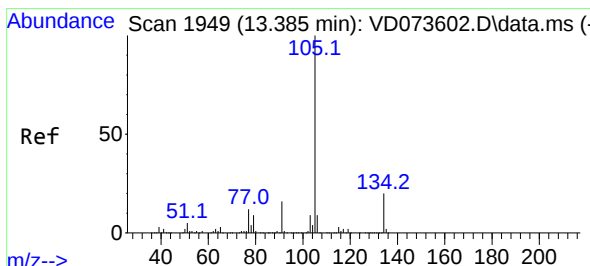
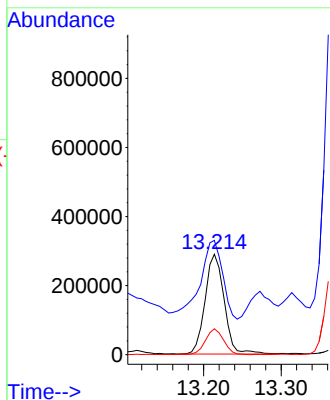
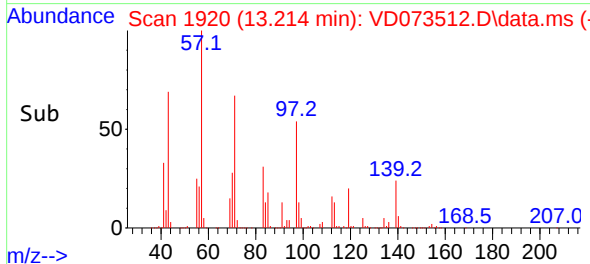
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR



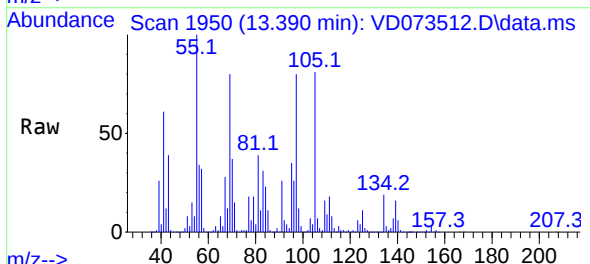
Tgt Ion:119 Resp: 496630
Ion Ratio Lower Upper
119 100
91 93.2 34.8 104.5
134 24.7 13.3 39.9

Manual Integrations
APPROVED

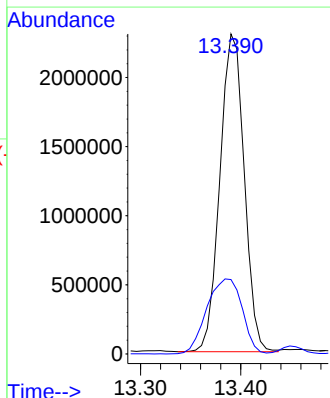
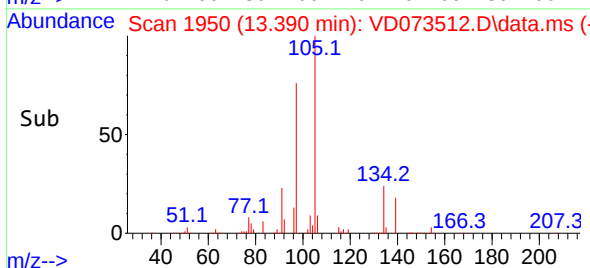
Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

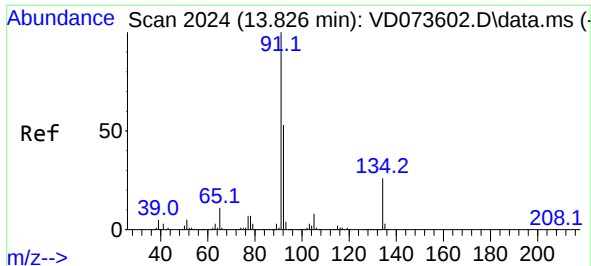


#85
sec-Butylbenzene
Concen: 154.064 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.005 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21



Tgt Ion:105 Resp: 3860860
Ion Ratio Lower Upper
105 100
134 34.4 9.8 29.3#





#89

n-Butylbenzene

Concen: 107.727 ug/l

RT: 13.831 min Scan# 20

Delta R.T. 0.005 min

Lab File: VD073512.D

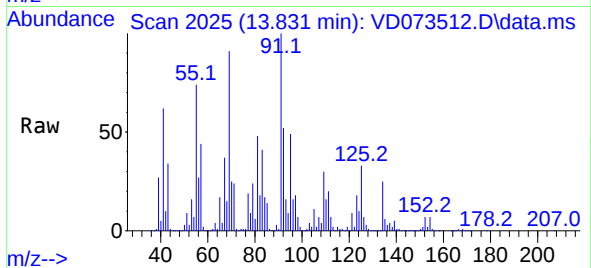
Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-2-1-GR



Tgt Ion: 91 Resp: 212289

Ion Ratio Lower Upper

91 100

92 49.2 26.6 79.8

134 40.2 12.3 36.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022

