

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072671.D
 Acq On : 21 Apr 2022 15:21
 Operator : VA/SY
 Sample : N2468-09
 Misc : 4.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-15-1-8-GR

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

Quant Time: Apr 21 15:56:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	479934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	834440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	422260	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	73313m	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	270001	46.506	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.020%		
35) Dibromofluoromethane	7.909	113	276387	42.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.240%		
50) Toluene-d8	10.332	98	1254901	55.671	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	111.340%		
62) 4-Bromofluorobenzene	12.614	95	363925	41.339	ug/l	-0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.680%		
Target Compounds						
16) Acetone	4.150	43	357646	330.365	ug/l	97
17) Carbon Disulfide	4.415	76	25683	6.177	ug/l	96
20) Methylene Chloride	4.950	84	43345	6.725	ug/l	# 75
25) 2-Butanone	7.209	43	101203	67.593	ug/l	93
31) Cyclohexane	7.979	56	752099	99.072	ug/l	90
39) Methylcyclohexane	9.350	83	4438699	436.335	ug/l	98
65) Chlorobenzene	11.661	112	363444	38.498	ug/l	99
73) Isopropylbenzene	12.467	105	4469450	754.872	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	851418	167.904	ug/l	100
83) tert-Butylbenzene	13.208	119	360827m	82.194	ug/l	
84) 1,2,4-Trimethylbenzene	13.255	105	1062991	214.371	ug/l	99
85) sec-Butylbenzene	13.391	105	1831801	277.023	ug/l	# 78
89) n-Butylbenzene	13.832	91	1042084	202.393	ug/l	# 76
91) 1,2-Dichlorobenzene	13.879	146	263223	108.527	ug/l	# 54

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

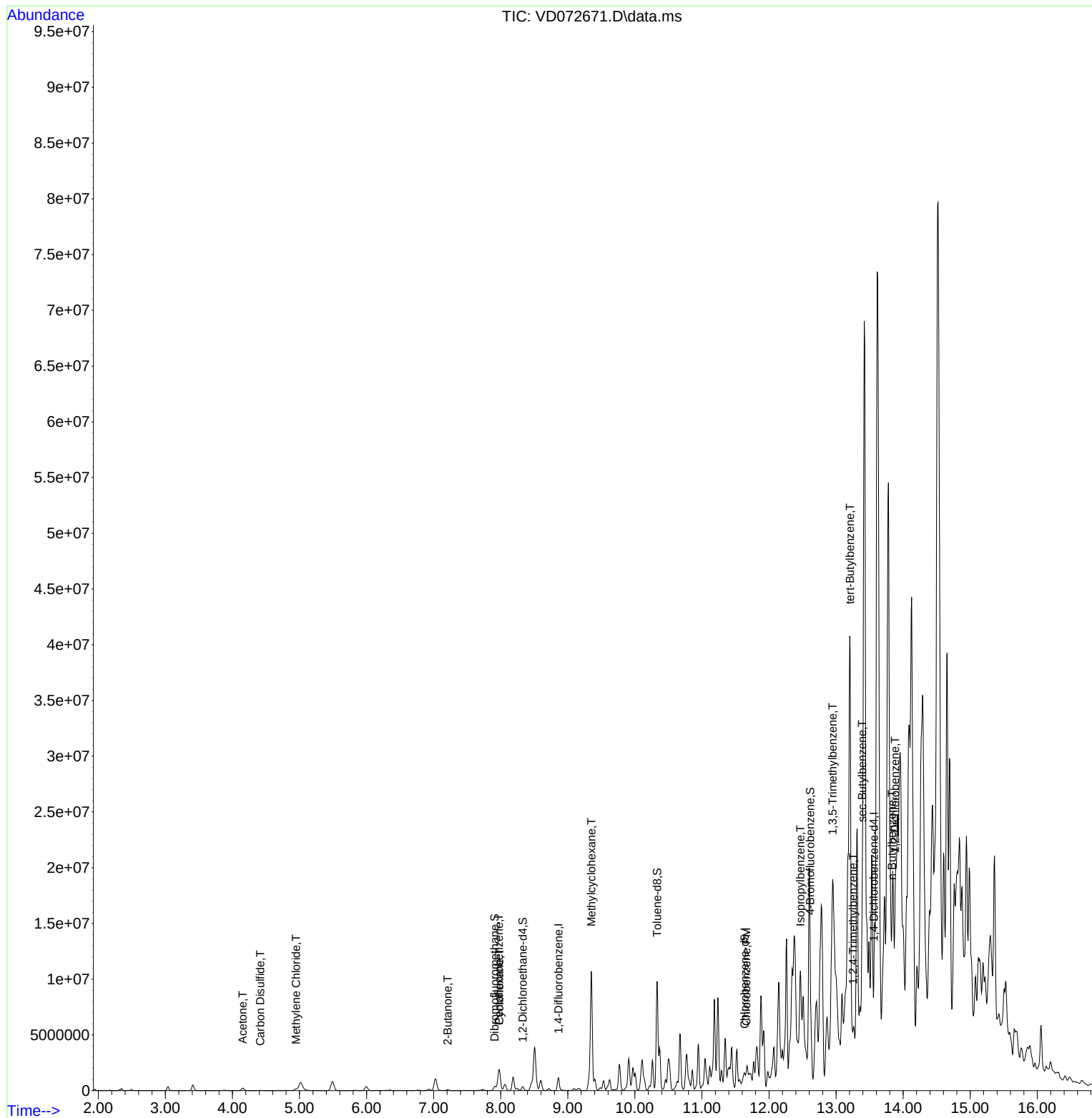
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
Data File : VD072671.D
Acq On : 21 Apr 2022 15:21
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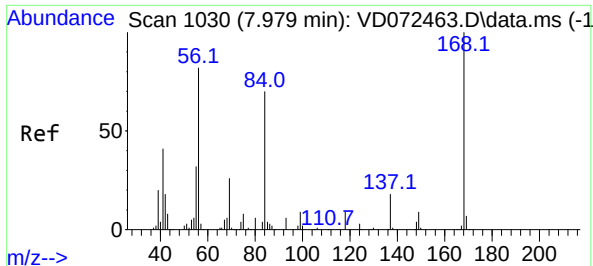
Instrument :
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WC-15-1-8-GR

Quant Time: Apr 21 15:56:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

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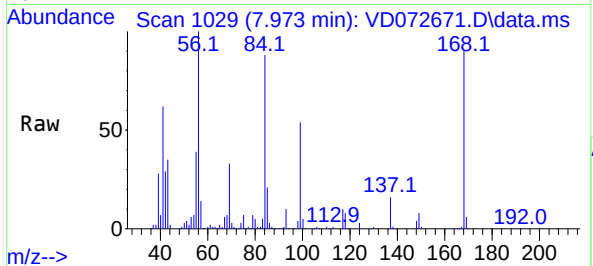
Reviewed By : Semsettin Yesilyurt 04/22/2022
Supervised By : Mahesh Dadoda 04/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

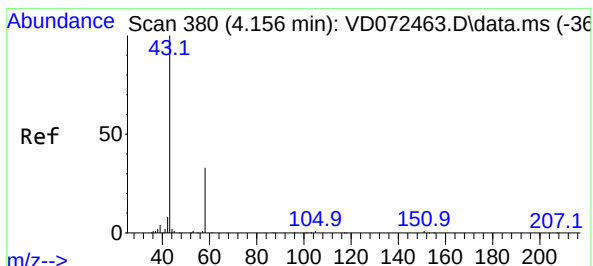
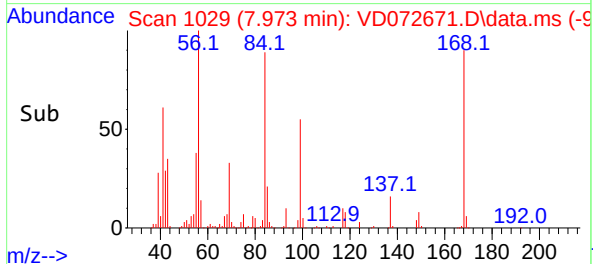
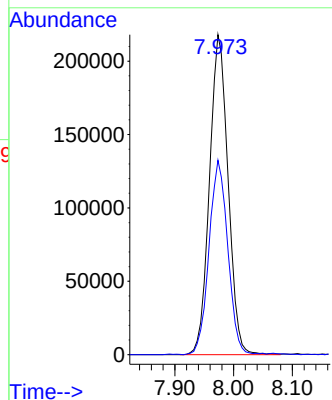
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR



Tgt Ion:168 Resp: 479934
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6

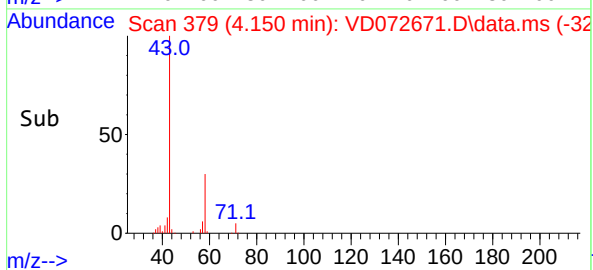
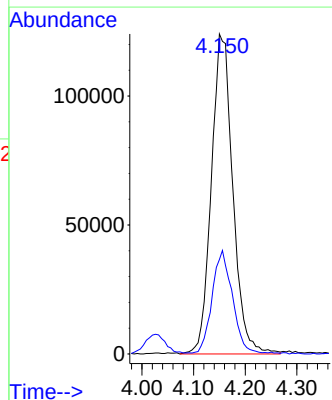
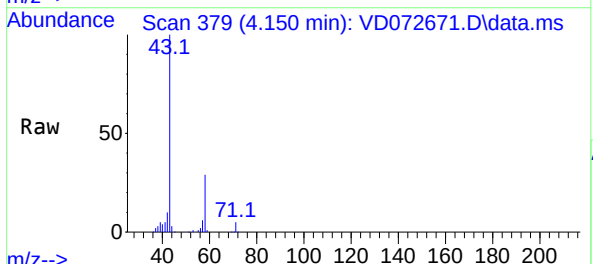
Manual Integrations
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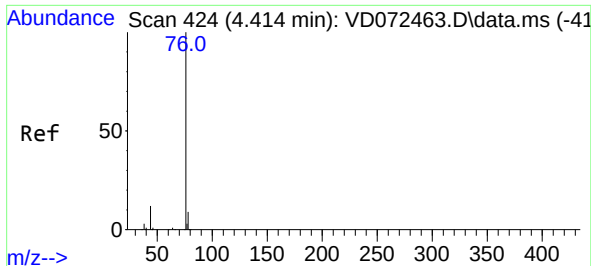
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#16
Acetone
Concen: 330.365 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

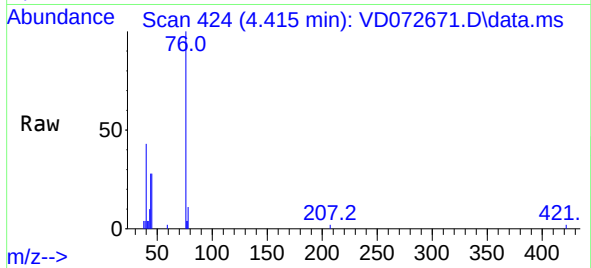
Tgt Ion: 43 Resp: 357646
Ion Ratio Lower Upper
43 100
58 29.3 22.1 33.1





#17
Carbon Disulfide
Concen: 6.177 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

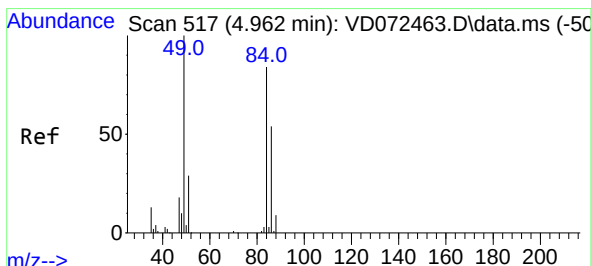
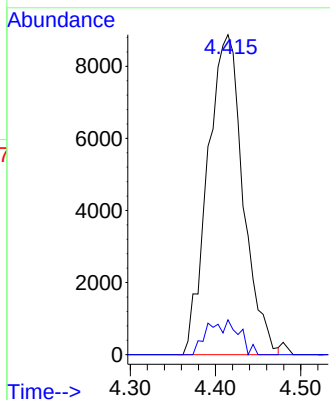
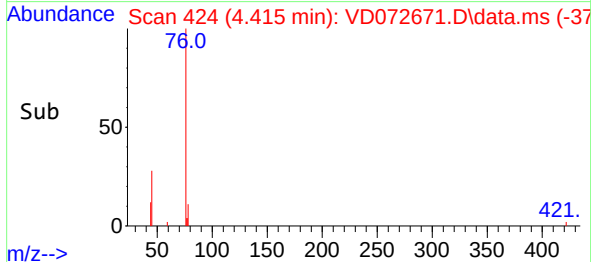
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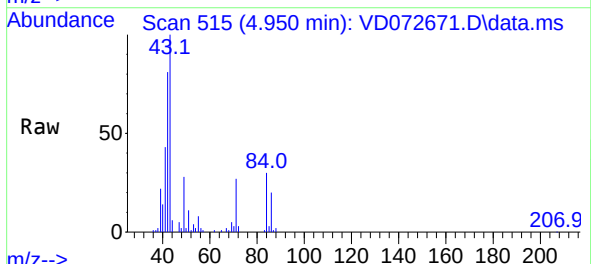
Tgt Ion: 76 Resp: 2568
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3

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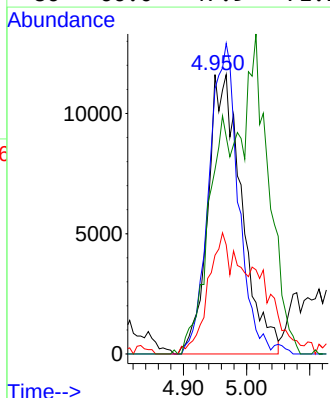
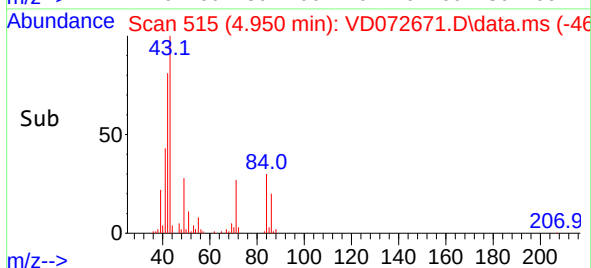
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

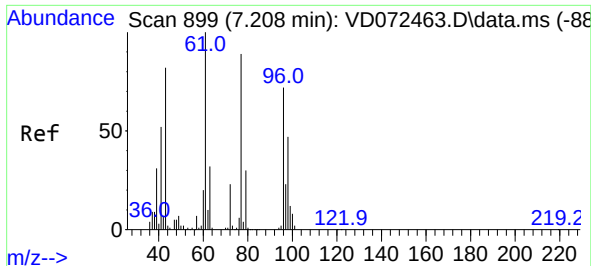


#20
Methylene Chloride
Concen: 6.725 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21



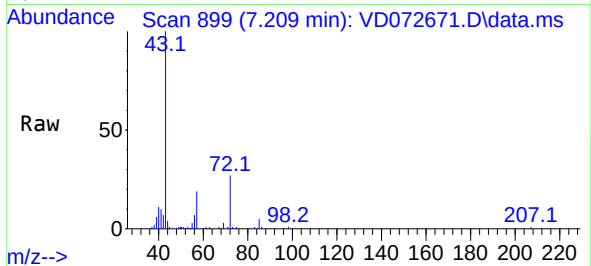
Tgt Ion: 84 Resp: 43345
Ion Ratio Lower Upper
84 100
49 94.9 112.8 169.2#
51 35.3 32.6 48.8
86 66.0 47.9 71.9





#25
2-Butanone
Concen: 67.593 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

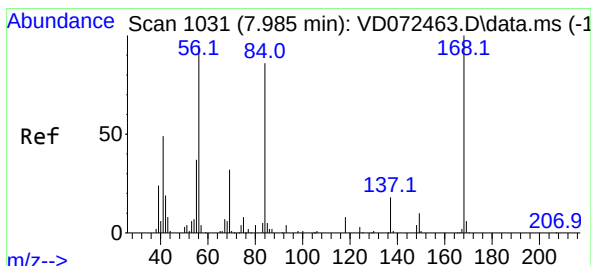
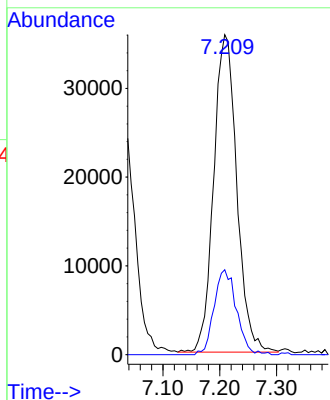
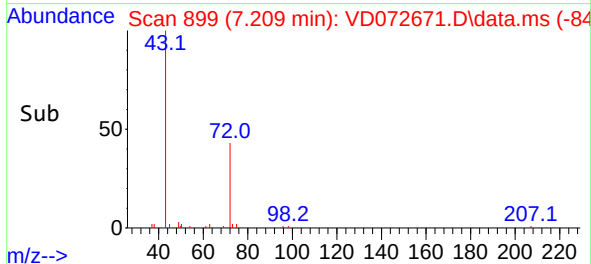
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR



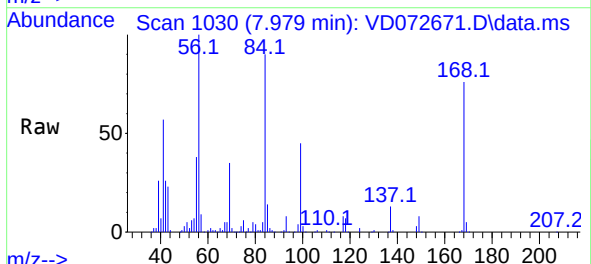
Tgt Ion: 43 Resp: 101200
Ion Ratio Lower Upper
43 100
72 26.8 18.6 27.8

Manual Integrations
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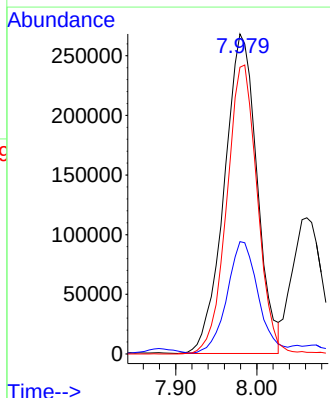
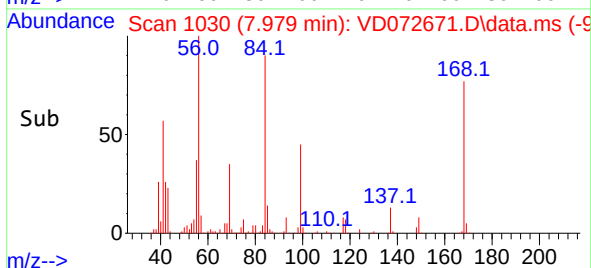
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

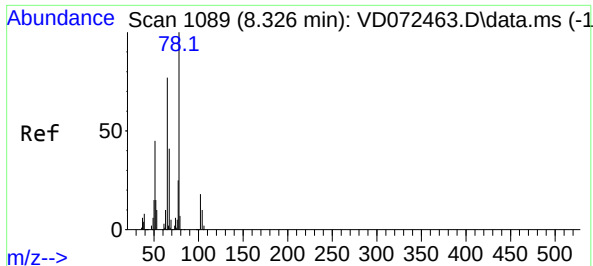


#31
Cyclohexane
Concen: 99.072 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21



Tgt Ion: 56 Resp: 752099
Ion Ratio Lower Upper
56 100
69 34.3 25.4 38.2
84 89.8 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 46.506 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-15-1-8-GR

Tgt Ion: 65 Resp: 27000

Ion Ratio Lower Upper

65 100

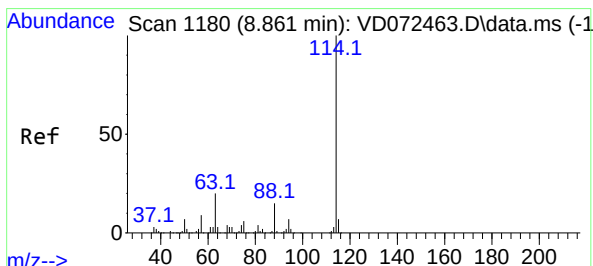
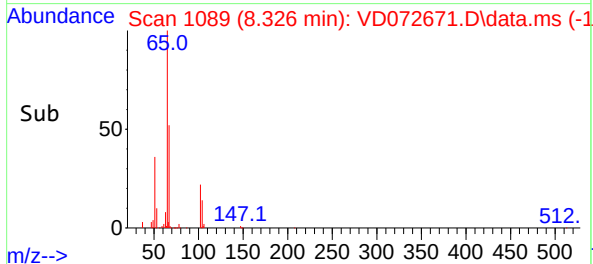
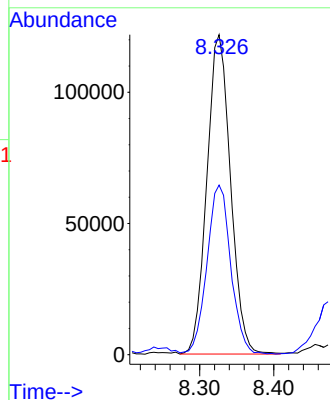
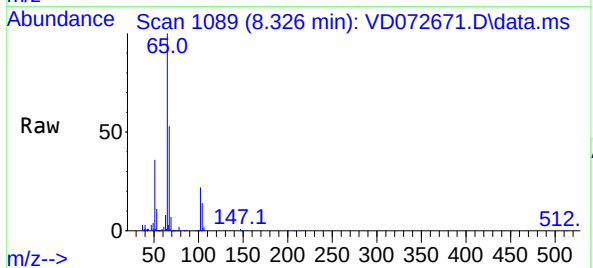
67 53.1 0.0 101.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072671.D

Acq: 21 Apr 2022 15:21

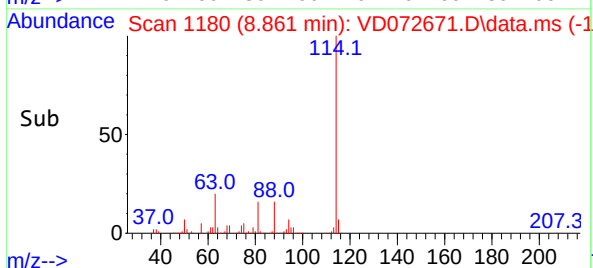
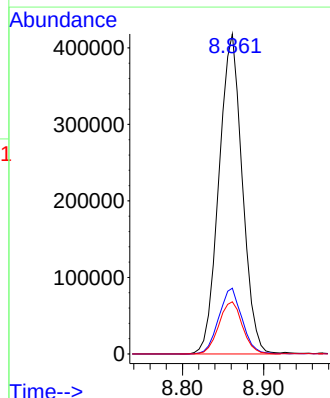
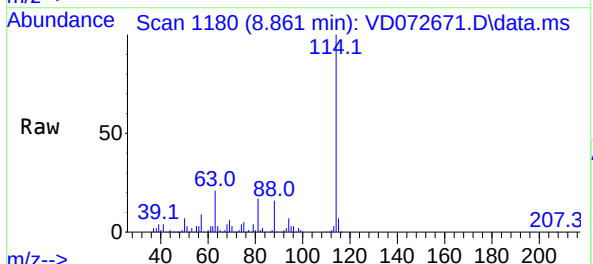
Tgt Ion:114 Resp: 834440

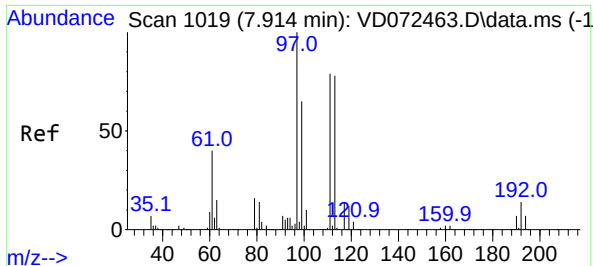
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

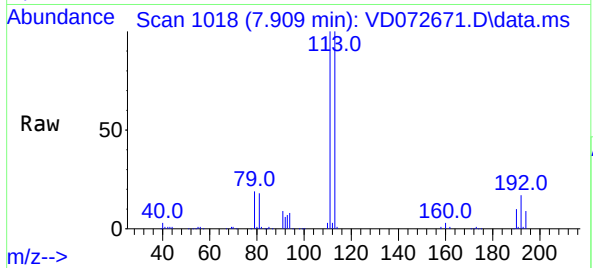
88 16.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 42.621 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

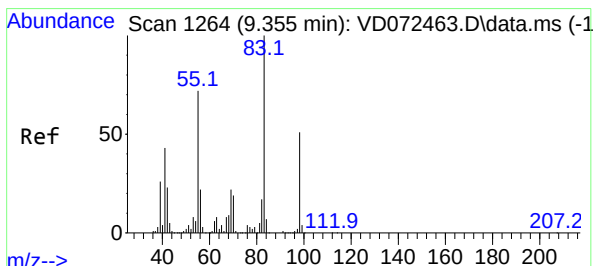
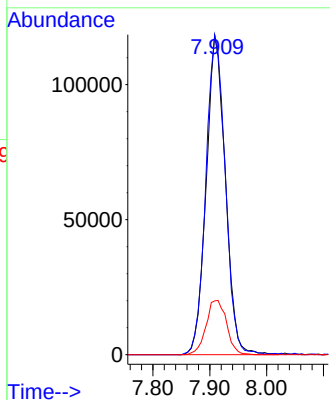
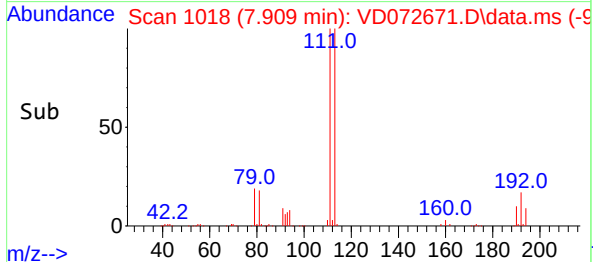
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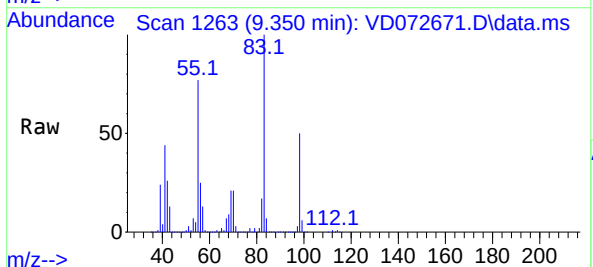
Tgt Ion: 113 Resp: 27638
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 18.2 14.6 21.8

Manual Integrations
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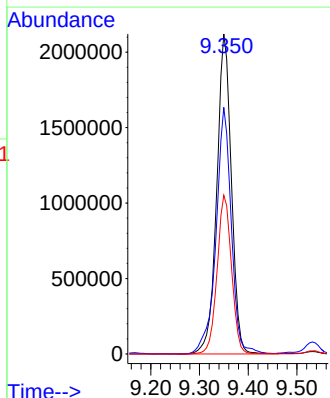
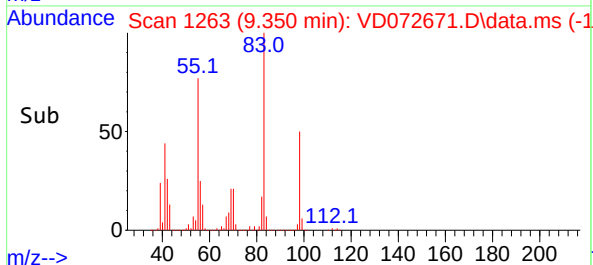
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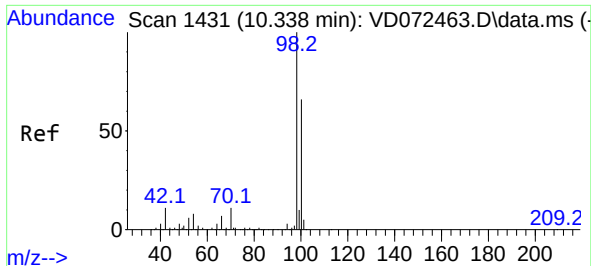


#39
Methylcyclohexane
Concen: 436.335 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.005 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21



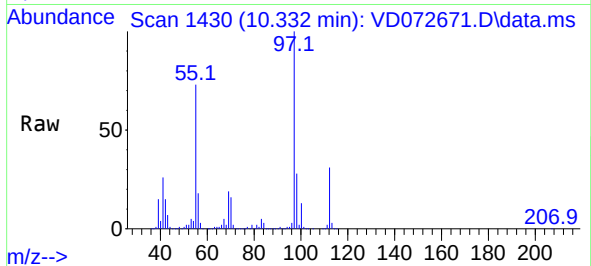
Tgt Ion: 83 Resp: 4438699
Ion Ratio Lower Upper
83 100
55 77.0 63.2 94.8
98 49.6 38.2 57.4





#50
Toluene-d8
Concen: 55.671 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

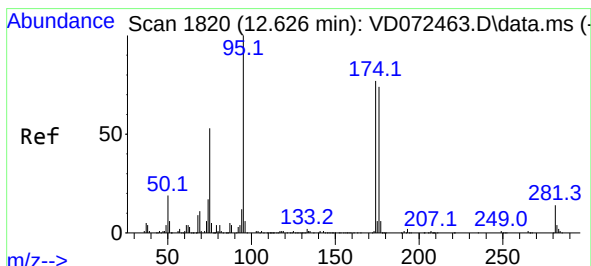
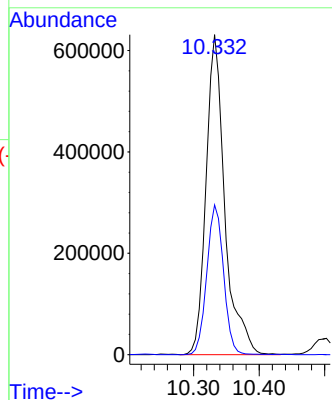
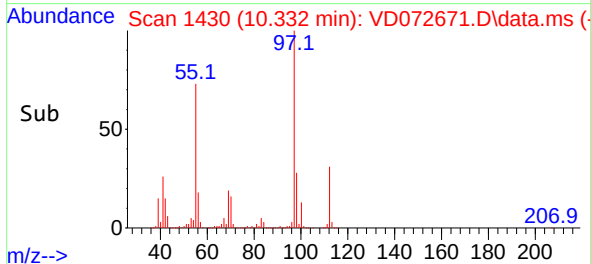
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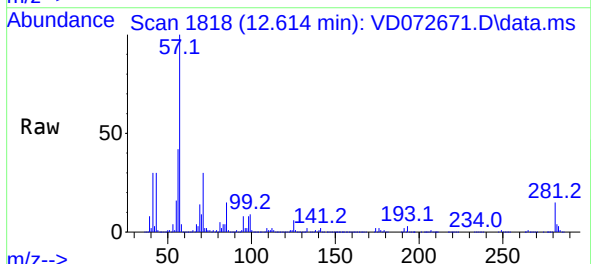
Tgt Ion: 98 Resp: 125490
Ion Ratio Lower Upper
98 100
100 41.9 52.4 78.6

Manual Integrations
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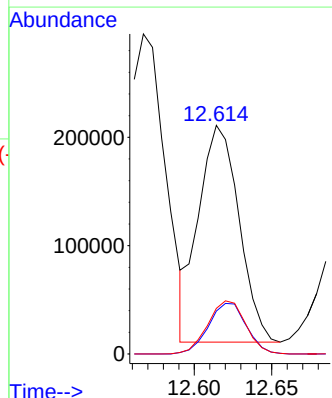
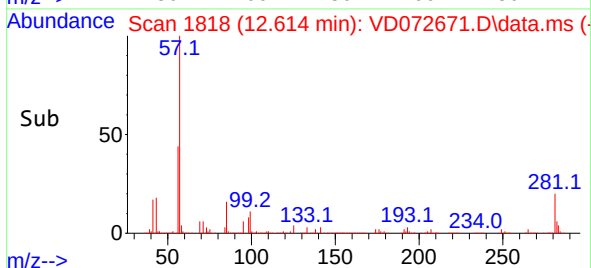
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

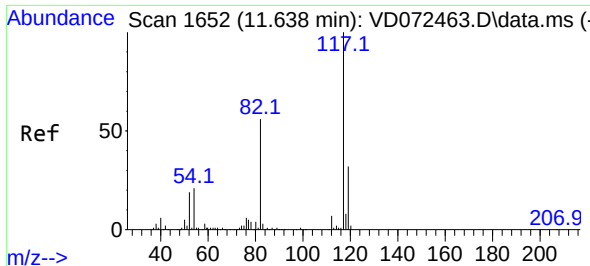


#62
4-Bromofluorobenzene
Concen: 41.339 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21



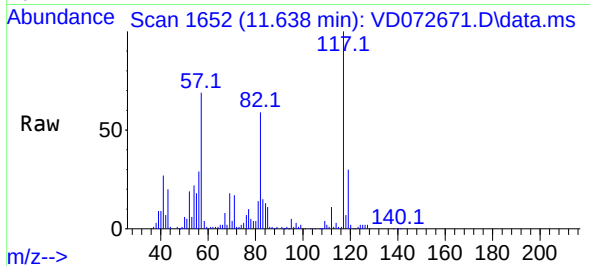
Tgt Ion: 95 Resp: 363925
Ion Ratio Lower Upper
95 100
174 22.0 0.0 152.8
176 23.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

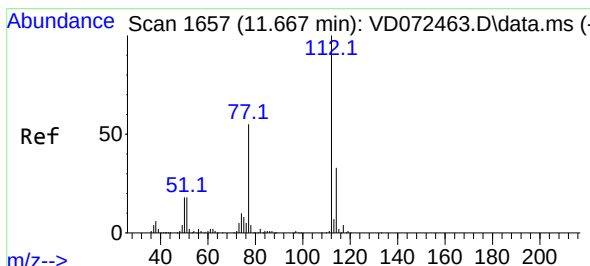
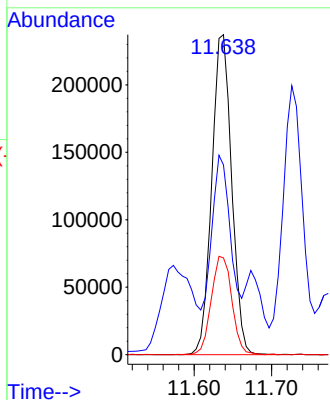
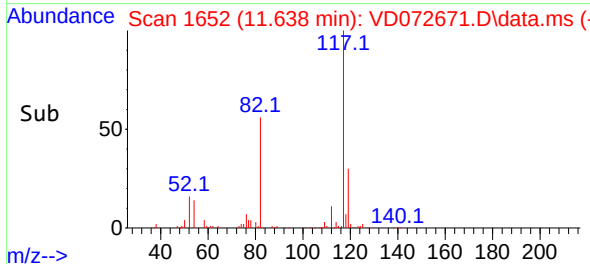
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Tgt Ion:117 Resp: 422260
Ion Ratio Lower Upper
117 100
82 34.9 45.3 67.9
119 30.3 26.6 40.0

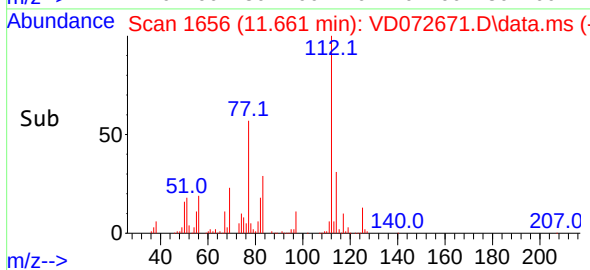
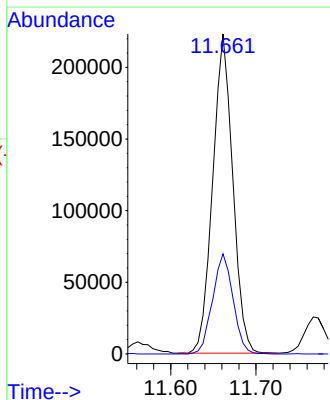
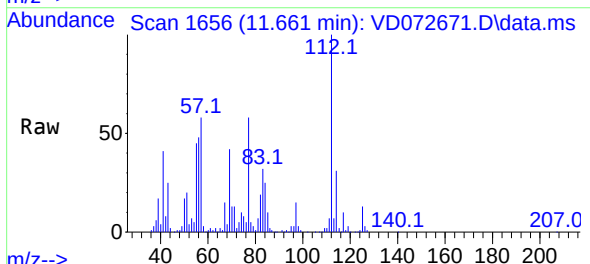
Manual Integrations
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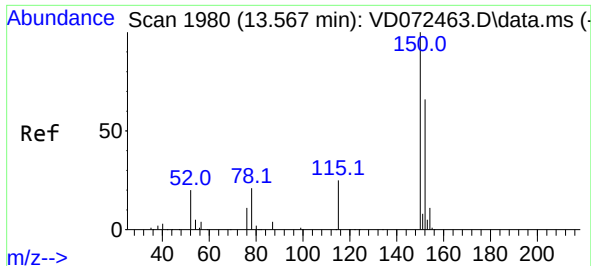
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#65
Chlorobenzene
Concen: 38.498 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

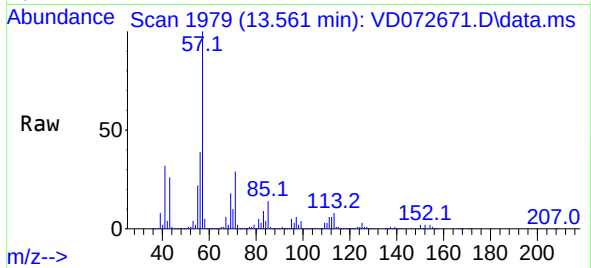
Tgt Ion:112 Resp: 363444
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

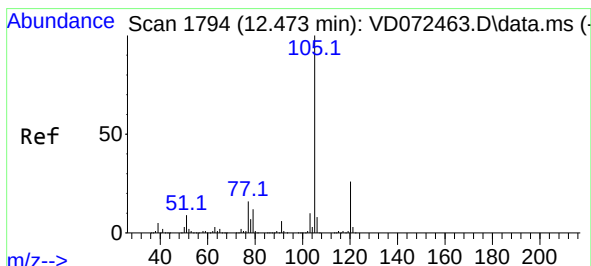
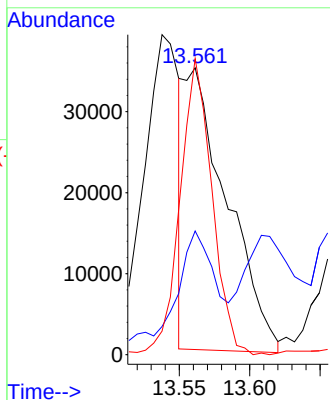
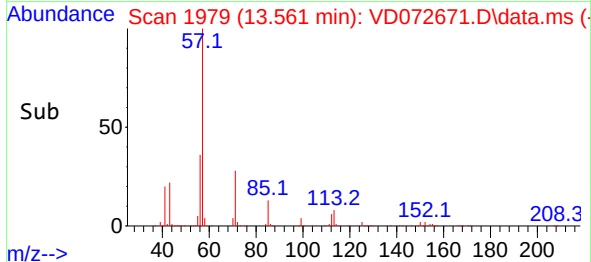
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR



Tgt Ion:152 Resp: 7331
Ion Ratio Lower Upper
152 100
115 27.5 31.3 93.8
150 3.0 0.0 348.6

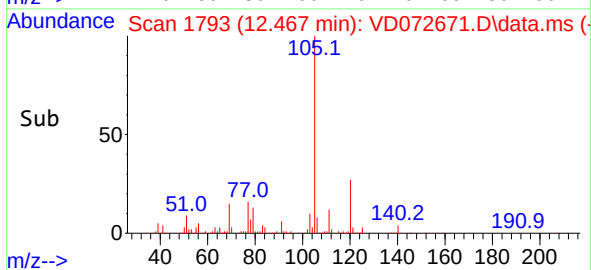
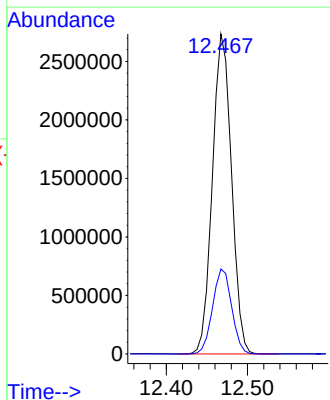
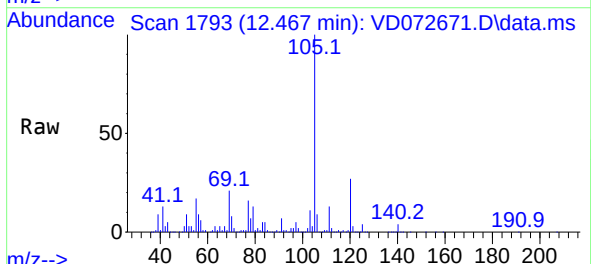
Manual Integrations
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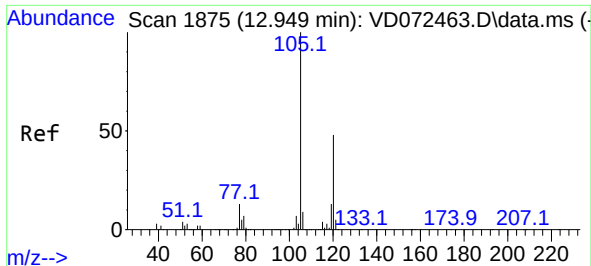
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#73
Isopropylbenzene
Concen: 754.872 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

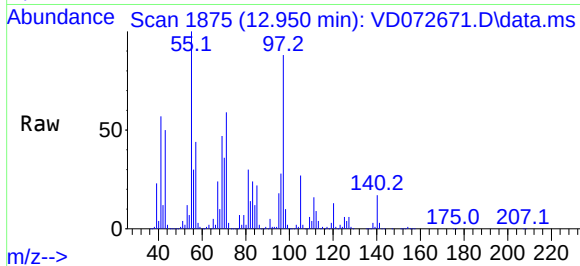
Tgt Ion:105 Resp: 4469450
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9





#80
1,3,5-Trimethylbenzene
Concen: 167.904 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

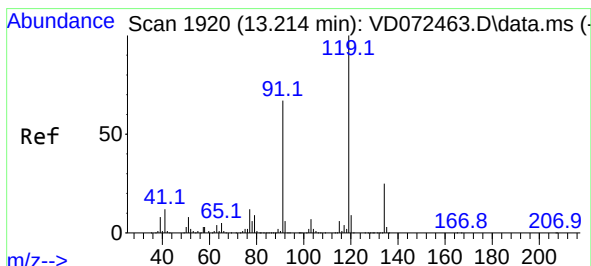
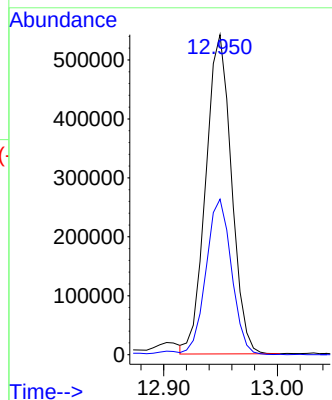
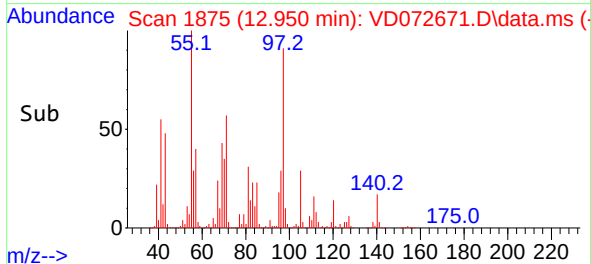
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR



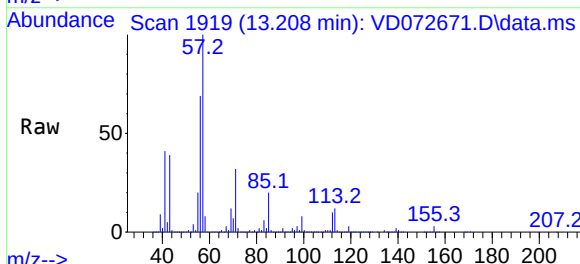
Tgt Ion:105 Resp: 851418
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

Manual Integrations
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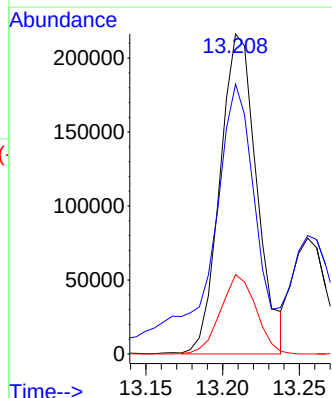
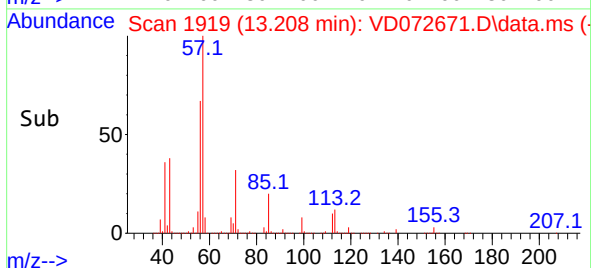
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

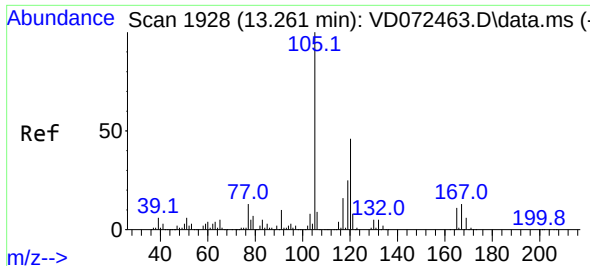


#83
tert-Butylbenzene
Concen: 82.194 ug/l m
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21



Tgt Ion:119 Resp: 360827
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.5#
134 0.0 13.3 39.9#





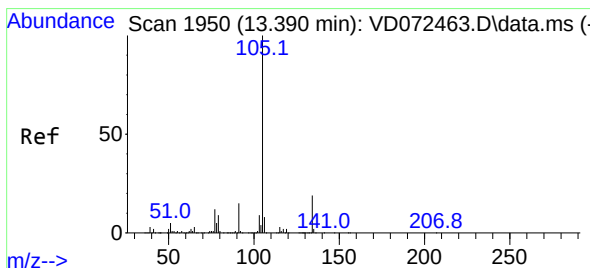
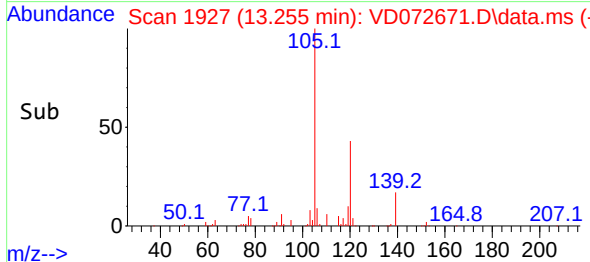
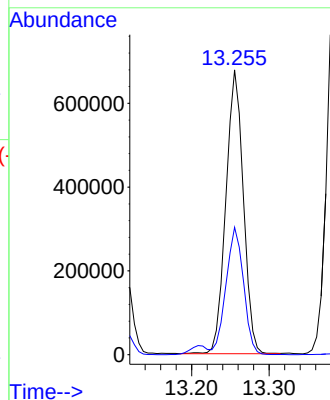
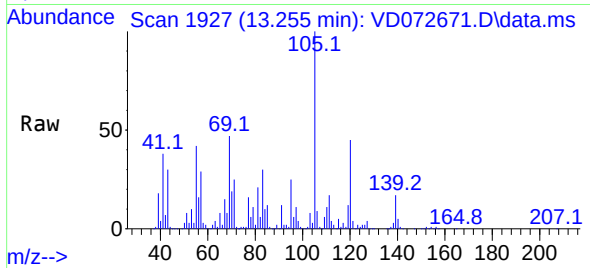
#84
1,2,4-Trimethylbenzene
Concen: 214.371 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR

Tgt Ion:105 Resp: 106299
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8

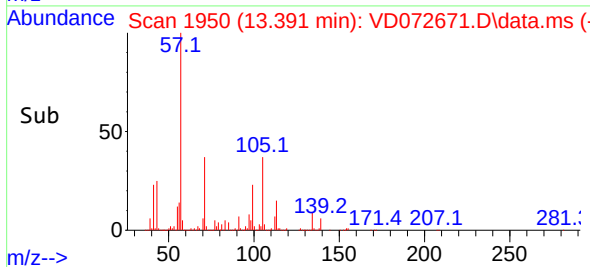
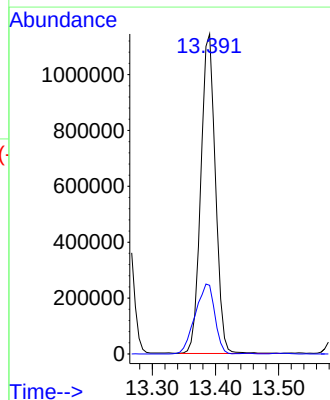
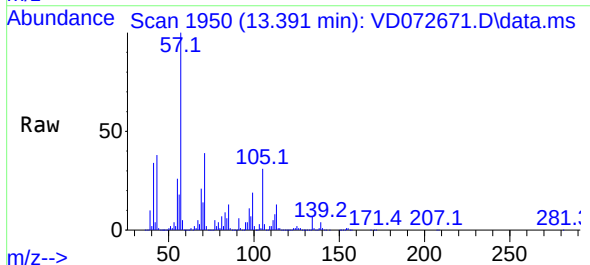
Manual Integrations
APPROVED

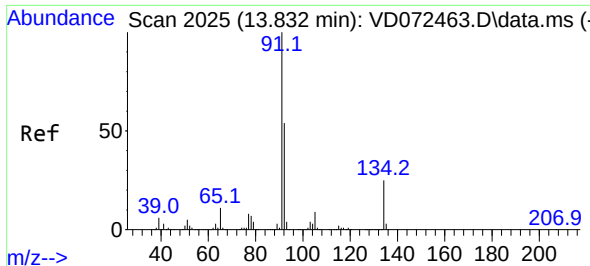
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#85
sec-Butylbenzene
Concen: 277.023 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

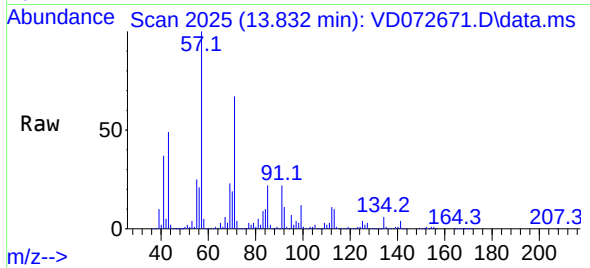
Tgt Ion:105 Resp: 1831801
Ion Ratio Lower Upper
105 100
134 29.4 9.8 29.3#





#89
n-Butylbenzene
Concen: 202.393 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21

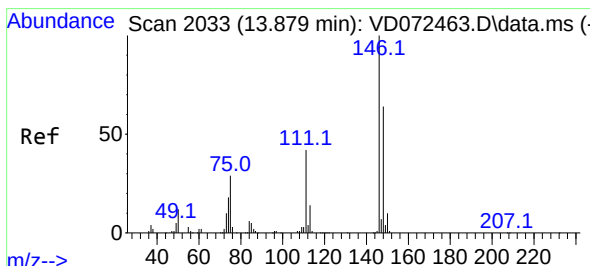
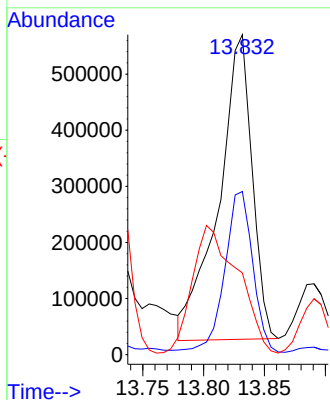
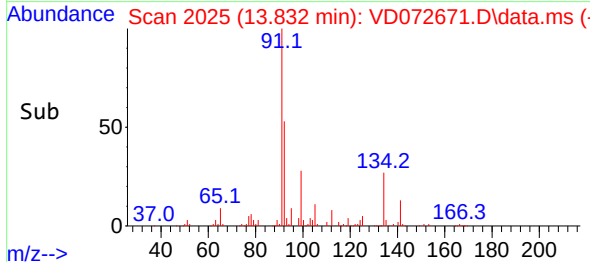
Instrument :
MSVOA_D
ClientSampleId :
WC-15-1-8-GR



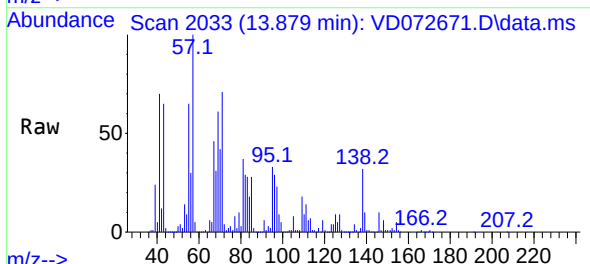
Tgt Ion: 91 Resp: 1042084
Ion Ratio Lower Upper
91 100
92 44.9 26.6 79.8
134 0.0 12.3 36.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#91
1,2-Dichlorobenzene
Concen: 108.527 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072671.D
Acq: 21 Apr 2022 15:21



Tgt Ion:146 Resp: 263223
Ion Ratio Lower Upper
146 100
111 114.1 21.1 63.3#
148 62.8 31.7 95.1

