

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072668.D
 Acq On : 21 Apr 2022 13:56
 Operator : VA/SY
 Sample : N2480-09
 Misc : 4.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3-GR

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 03:40:17 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	7.979	168	481282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	812703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	575507	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	679819m	50.000	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245738	42.208	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.420%		
35) Dibromofluoromethane	7.908	113	256329	40.585	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.180%		
50) Toluene-d8	10.332	98	2412091	109.869	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	219.740%#		
62) 4-Bromofluorobenzene	12.620	95	1917235	223.607	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	447.220%#		
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	68689	63.272	ug/l	96
17) Carbon Disulfide	4.420	76	18128	5.422	ug/l	99
25) 2-Butanone	7.208	43	45192	30.099	ug/l	# 84
31) Cyclohexane	7.985	56	548295	72.023	ug/l	91
39) Methylcyclohexane	9.355	83	6827844	687.479	ug/l	96
52) Toluene	10.397	92	25717	1.755	ug/l	# 64
65) Chlorobenzene	11.661	112	207880	16.156	ug/l	97
68) m/p-Xylenes	11.844	106	21536	2.528	ug/l	# 1
69) o-Xylene	12.173	106	136127	16.564	ug/l	# 1
73) Isopropylbenzene	12.473	105	7665249	139.615	ug/l	98
78) n-propylbenzene	12.808	91	1420425	21.446	ug/l	90
83) tert-Butylbenzene	13.214	119	852909	20.952	ug/l	83
85) sec-Butylbenzene	13.390	105	6419306	104.692	ug/l	# 69
89) n-Butylbenzene	13.832	91	2693962	56.425	ug/l	# 79

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

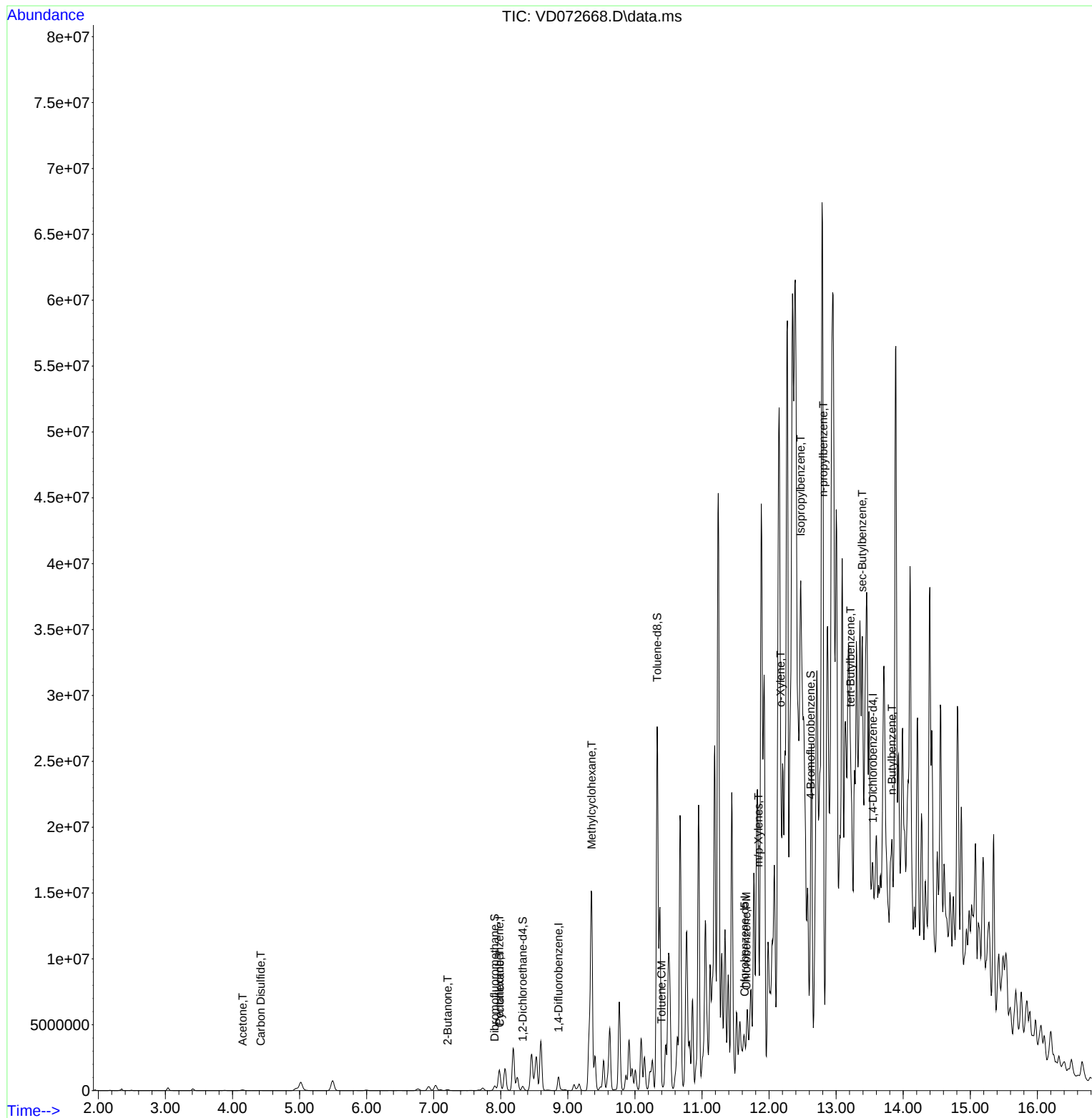
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
Data File : VD072668.D
Acq On : 21 Apr 2022 13:56
Operator : VA/SY
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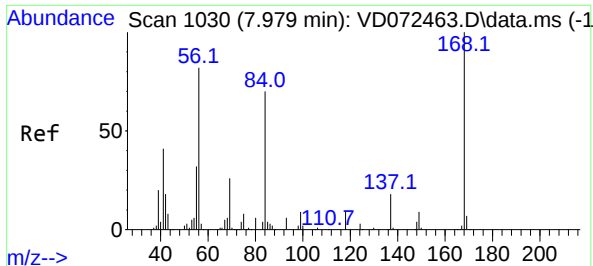
Instrument :
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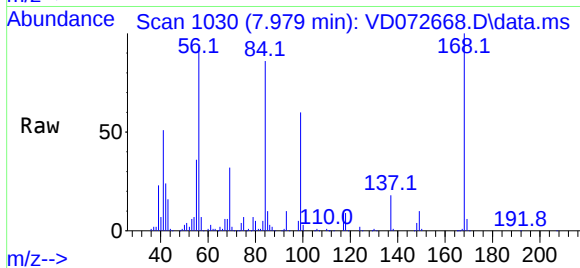
Quant Time: Apr 22 03:40:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

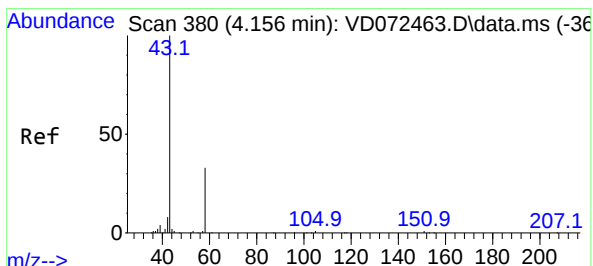
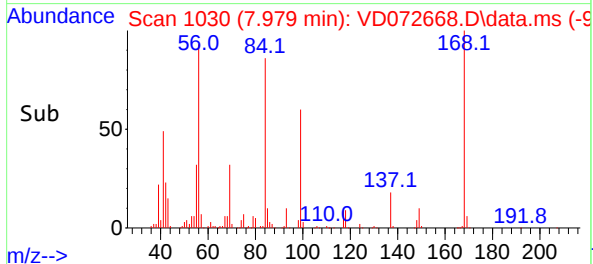
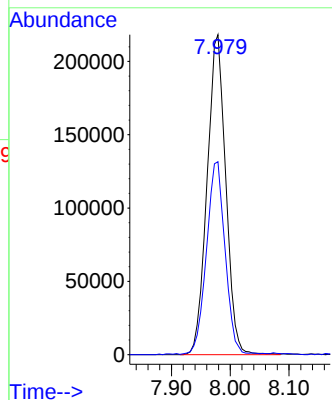
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR



Tgt Ion:168 Resp: 48128
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6

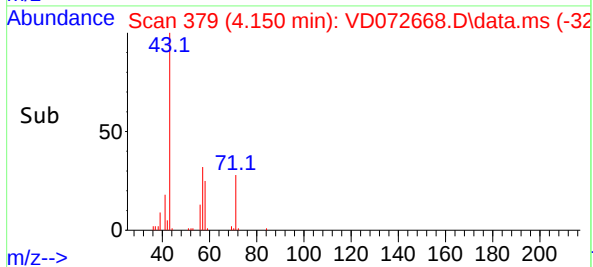
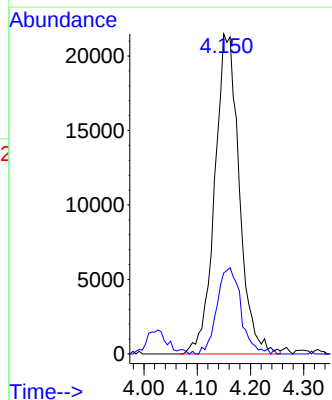
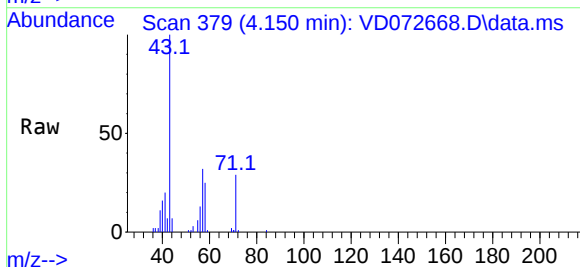
Manual Integrations
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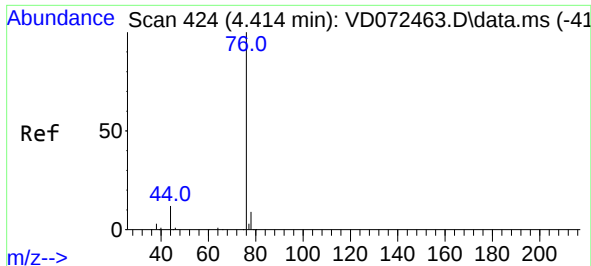
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#16
Acetone
Concen: 63.272 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

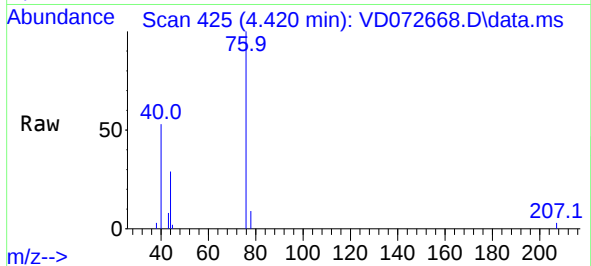
Tgt Ion: 43 Resp: 68689
Ion Ratio Lower Upper
43 100
58 25.4 22.1 33.1





#17
Carbon Disulfide
Concen: 5.422 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

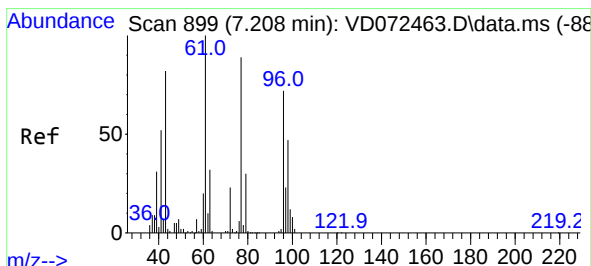
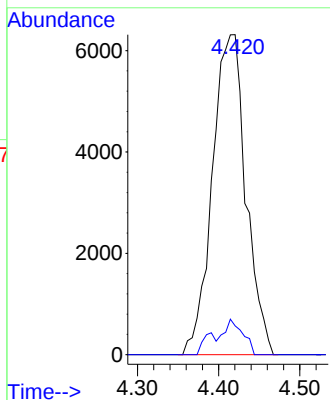
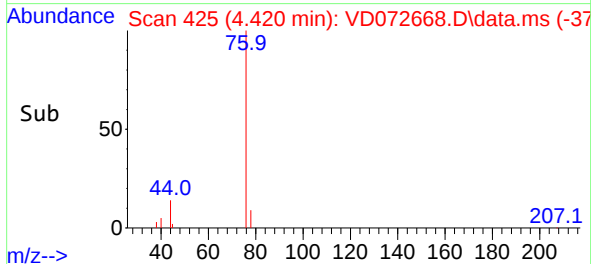
Instrument :
MSVOA_D
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WC-16-1A-3-GR



Tgt Ion: 76 Resp: 18128
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

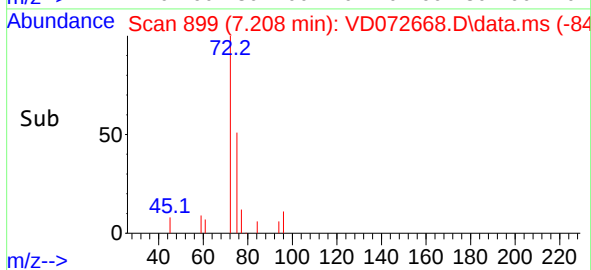
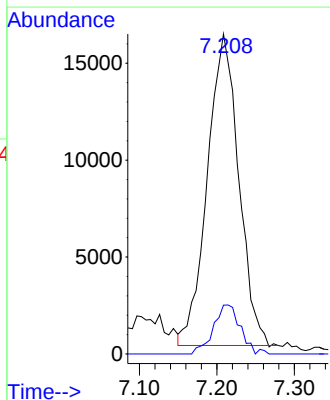
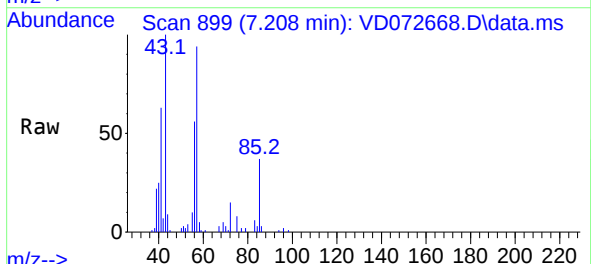
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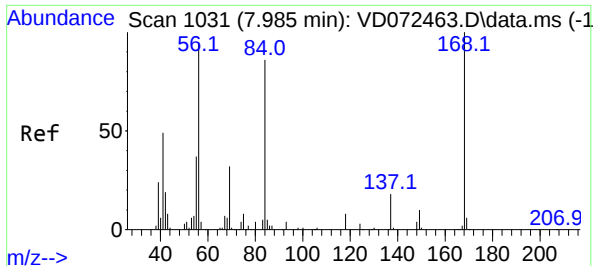
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#25
2-Butanone
Concen: 30.099 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

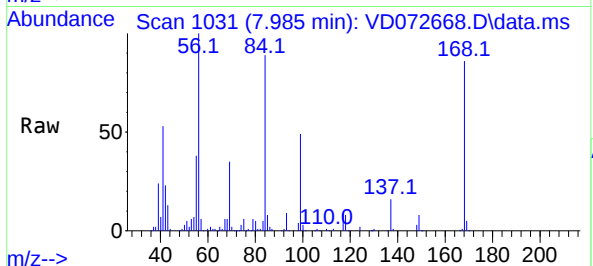
Tgt Ion: 43 Resp: 45192
Ion Ratio Lower Upper
43 100
72 15.6 18.6 27.8#





#31
Cyclohexane
Concen: 72.023 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

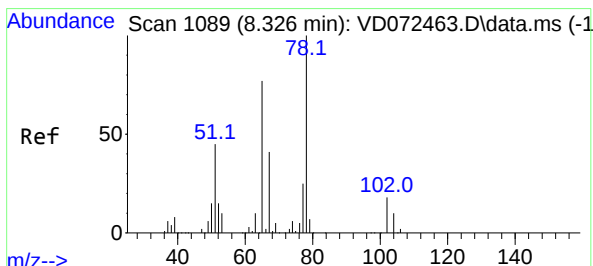
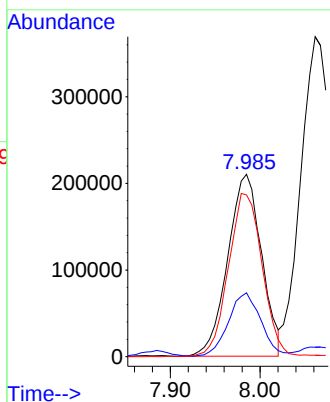
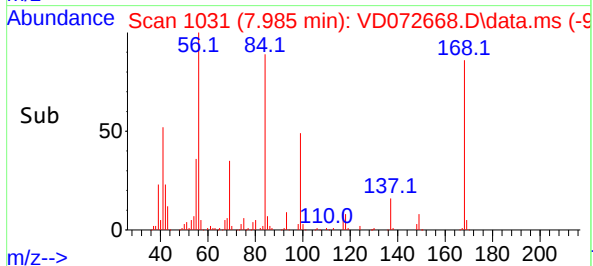
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR



Tgt Ion: 56 Resp: 54829
Ion Ratio Lower Upper
56 100
69 34.1 25.4 38.2
84 88.9 63.0 94.4

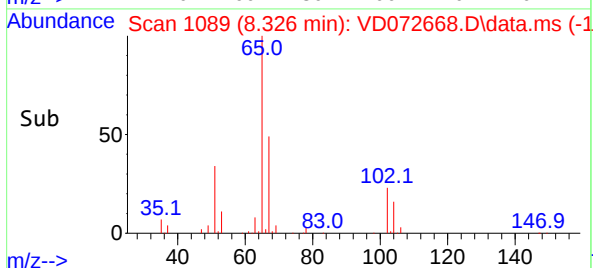
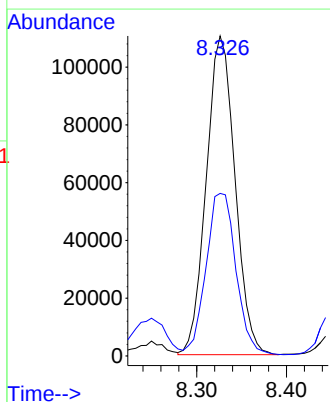
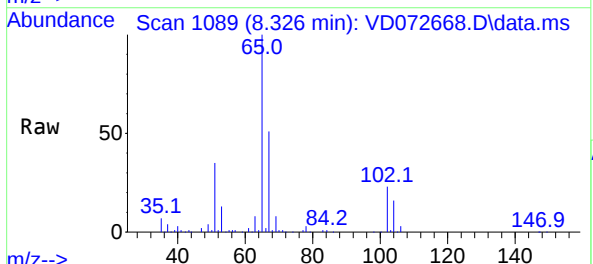
Manual Integrations
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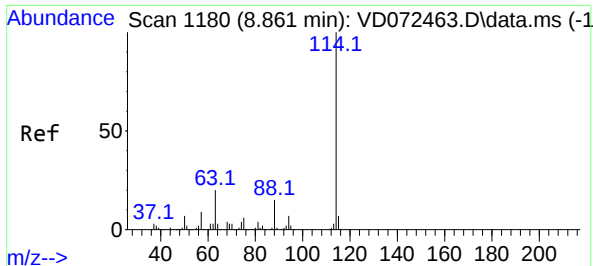
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#33
1,2-Dichloroethane-d4
Concen: 42.208 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion: 65 Resp: 245738
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3-GR

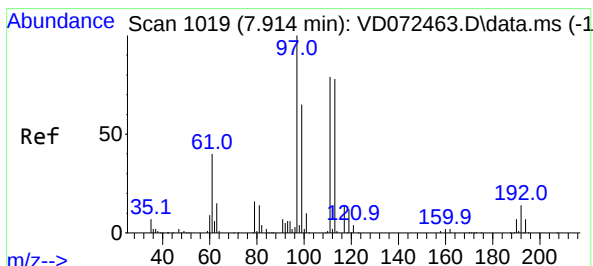
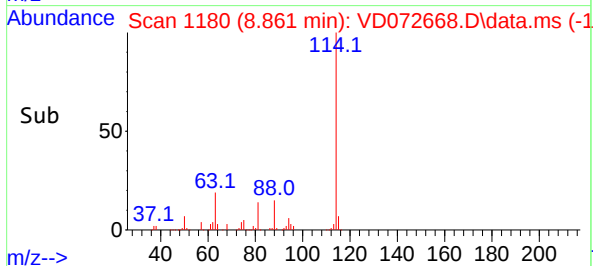
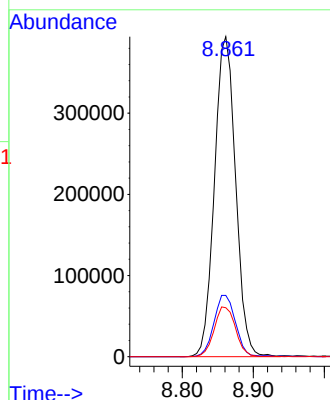
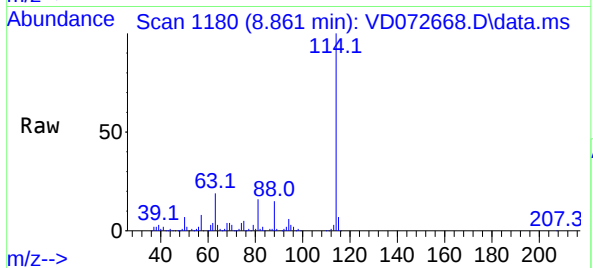
Tgt Ion:114 Resp: 81270

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	46.6
88	15.3	0.0	33.2

Manual Integrations

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



#35

Dibromofluoromethane

Concen: 40.585 ug/l

RT: 7.908 min Scan# 1018

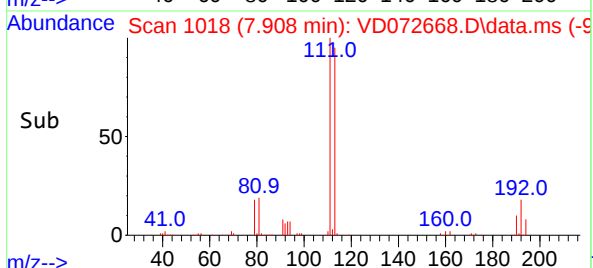
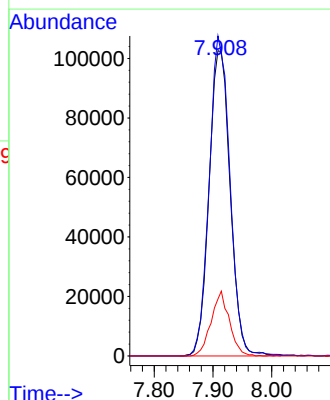
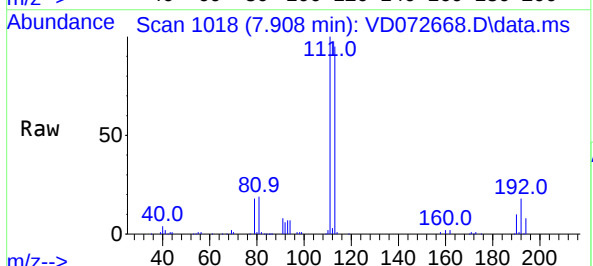
Delta R.T. -0.006 min

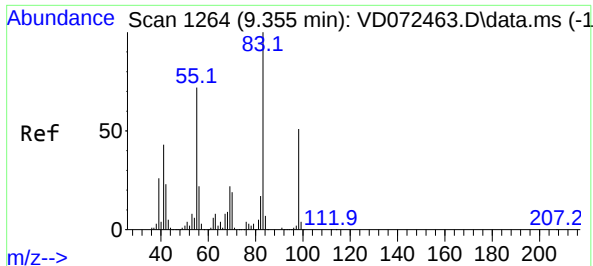
Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Tgt Ion:113 Resp: 256329

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.8	125.6
192	18.4	14.6	21.8





#39

Methylcyclohexane

Concen: 687.479 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072668.D

Acq: 21 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-3-GR

Tgt Ion: 83 Resp: 682784

Ion Ratio Lower Upper

83 100

55 76.0 63.2 94.8

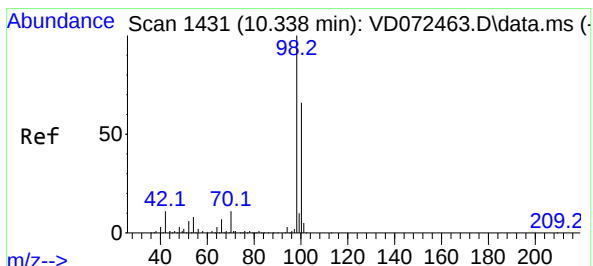
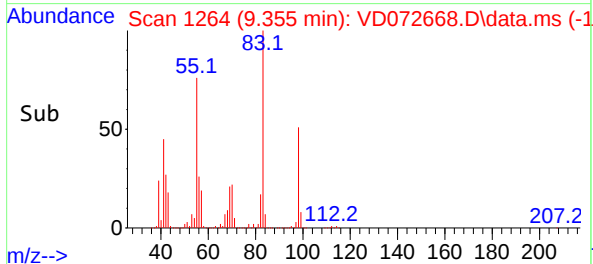
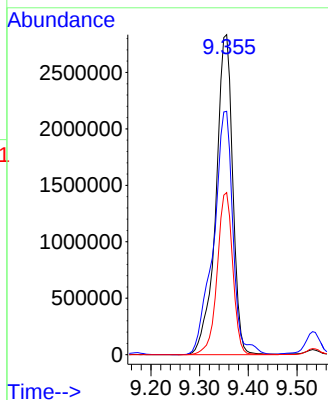
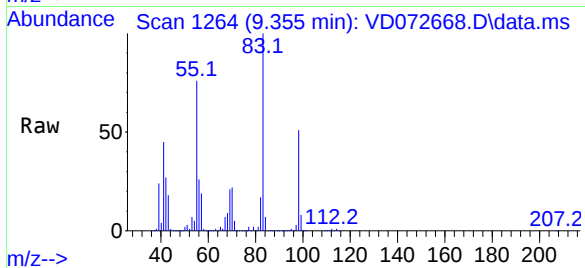
98 50.6 38.2 57.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/22/2022



#50

Toluene-d8

Concen: 109.869 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072668.D

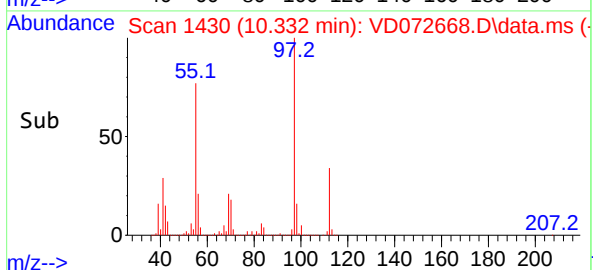
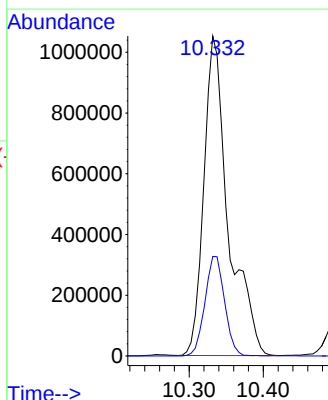
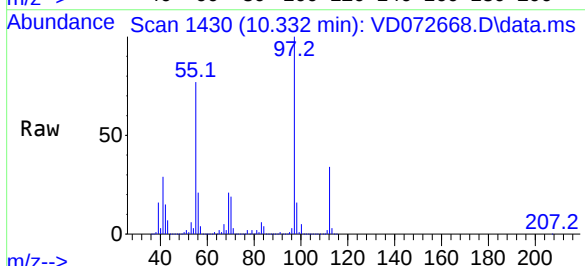
Acq: 21 Apr 2022 13:56

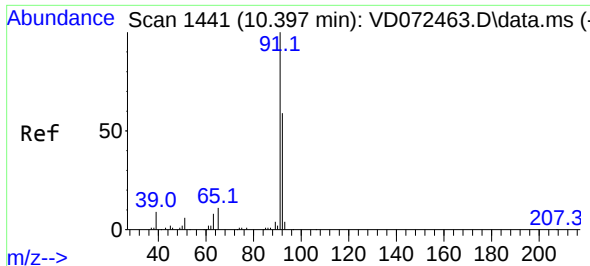
Tgt Ion: 98 Resp: 2412091

Ion Ratio Lower Upper

98 100

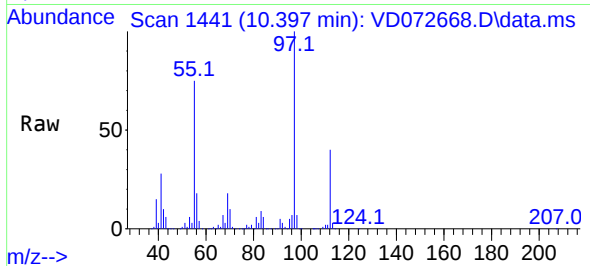
100 25.0 52.4 78.6#





#52
Toluene
Concen: 1.755 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

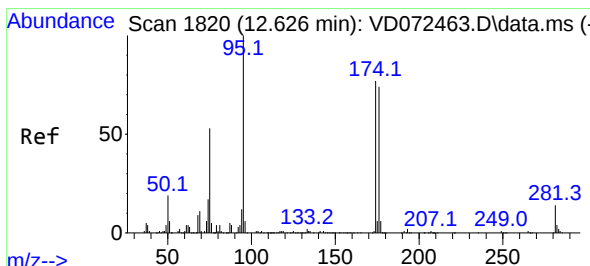
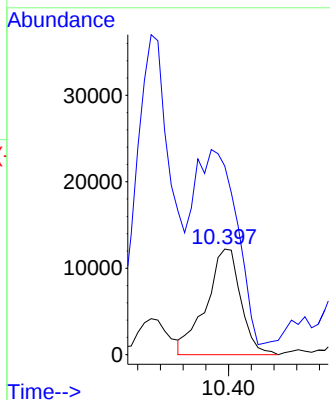
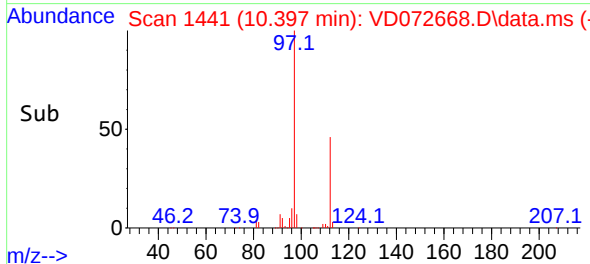
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ClientSampleId :
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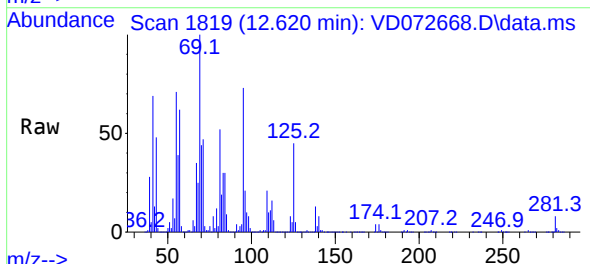
Tgt Ion: 92 Resp: 2571
Ion Ratio Lower Upper
92 100
91 224.9 139.6 209.4

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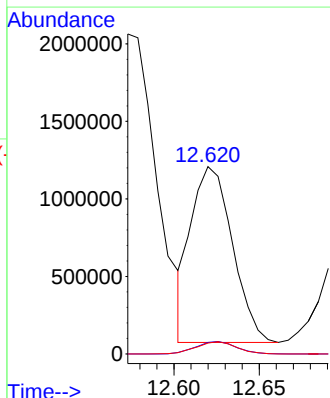
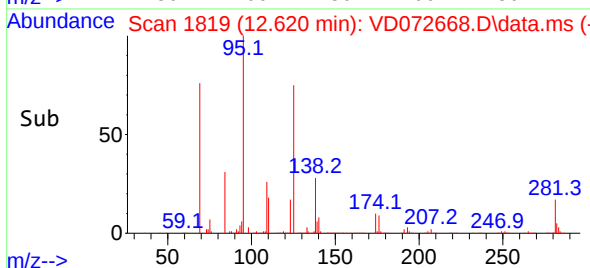
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

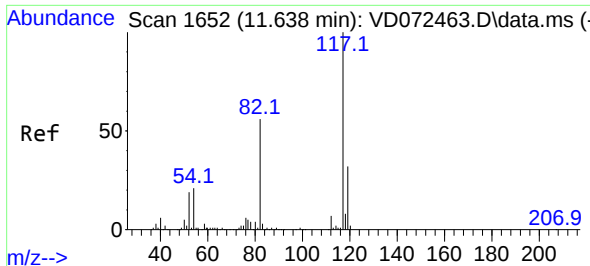


#62
4-Bromofluorobenzene
Concen: 223.607 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56



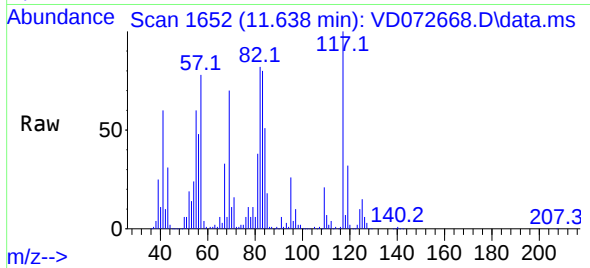
Tgt Ion: 95 Resp: 1917235
Ion Ratio Lower Upper
95 100
174 6.9 0.0 152.8
176 6.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

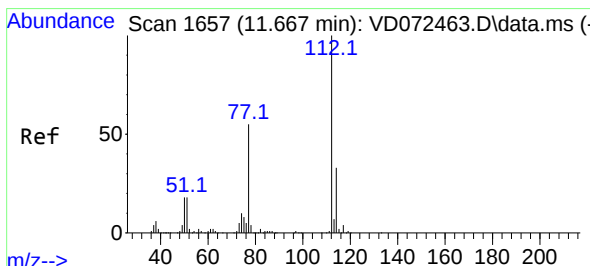
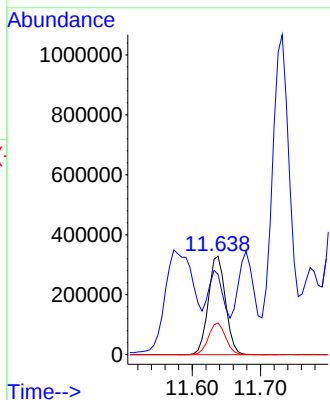
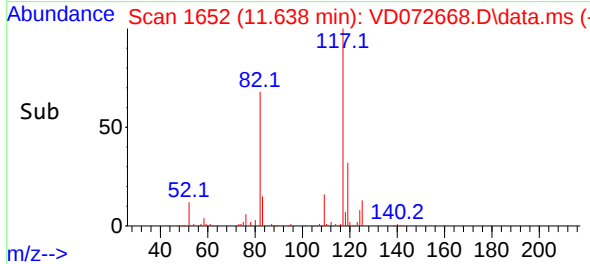
Instrument :
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WC-16-1A-3-GR



Tgt Ion:117 Resp: 575507
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9
119 32.4 26.6 40.0

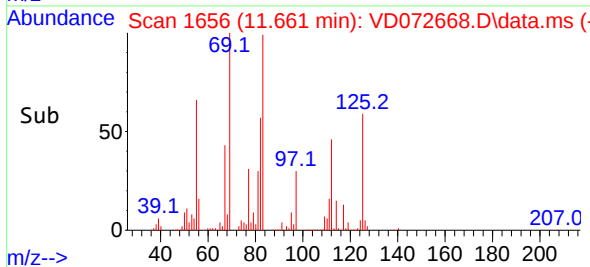
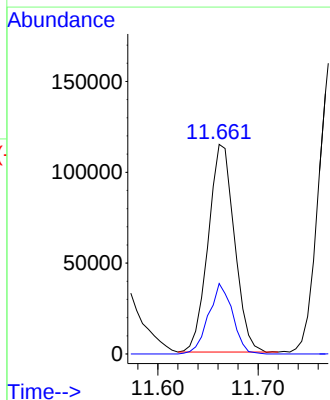
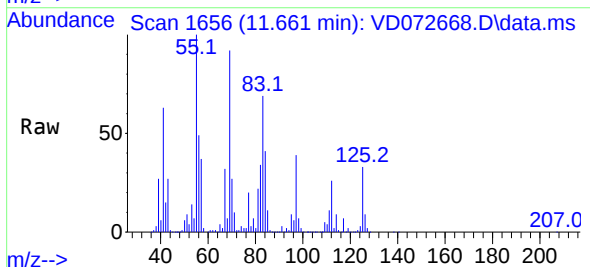
Manual Integrations
APPROVED

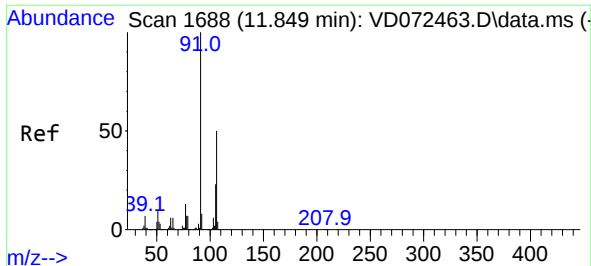
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#65
Chlorobenzene
Concen: 16.156 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Tgt Ion:112 Resp: 207880
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.6





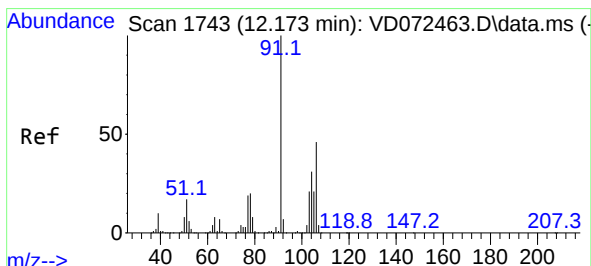
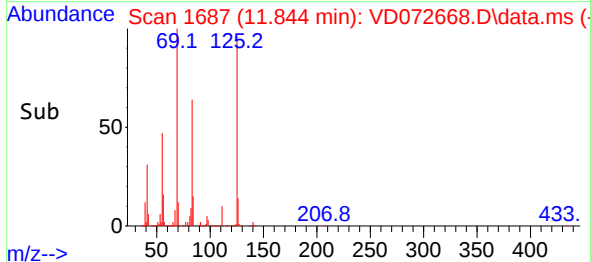
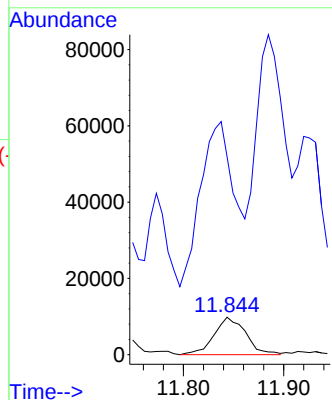
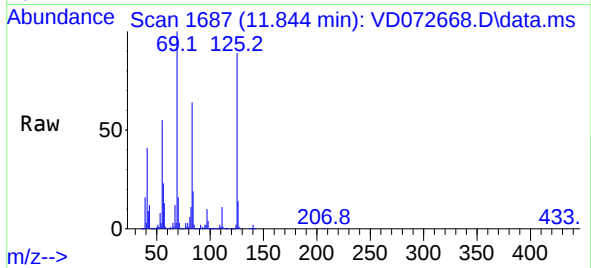
#68
m/p-Xylenes
Concen: 2.528 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR

Tgt Ion:106 Resp: 21530
Ion Ratio Lower Upper
106 100
91 471.1 163.7 245.5

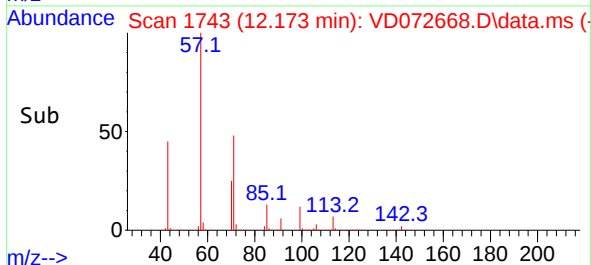
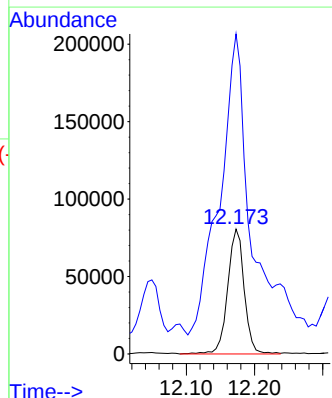
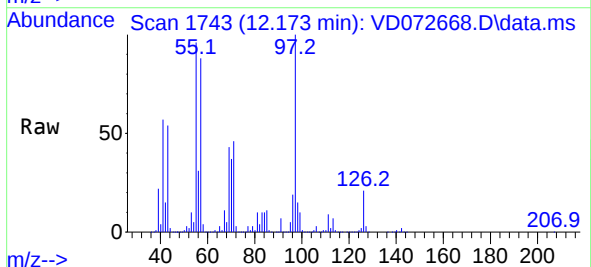
Manual Integrations
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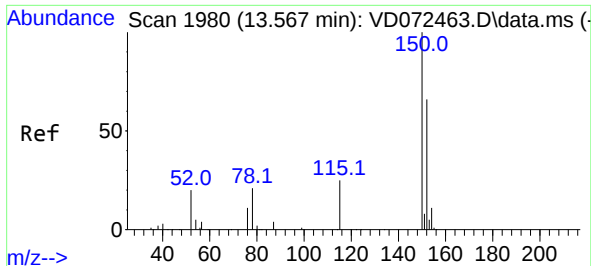
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#69
o-Xylene
Concen: 16.564 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

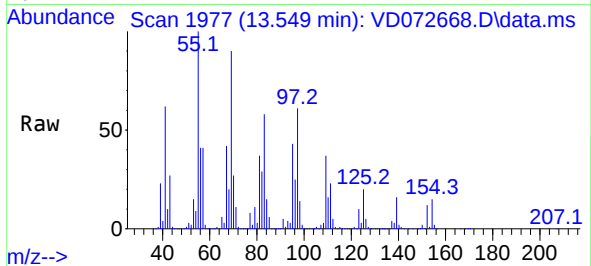
Tgt Ion:106 Resp: 136127
Ion Ratio Lower Upper
106 100
91 413.6 110.4 331.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.549 min Scan# 1977
Delta R.T. -0.018 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

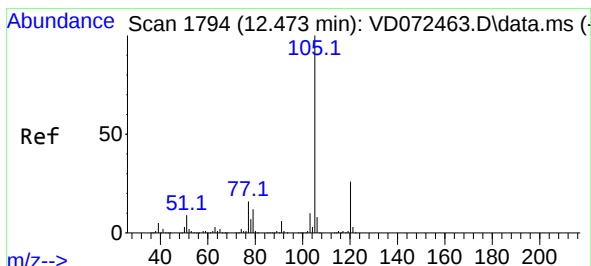
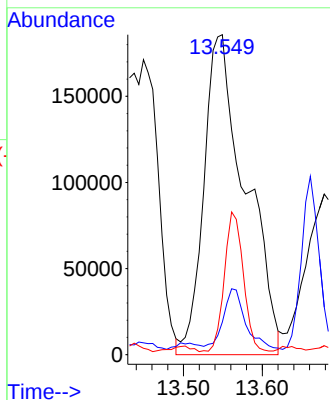
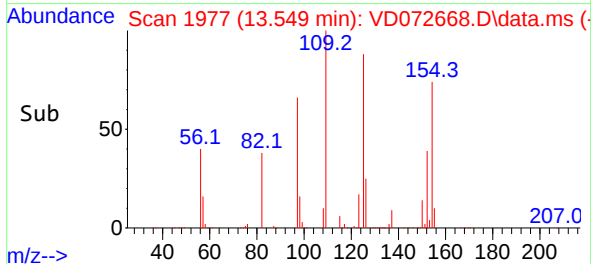
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR



Tgt Ion:152 Resp: 679819
Ion Ratio Lower Upper
152 100
115 22.8 31.3 93.8
150 0.7 0.0 348.6

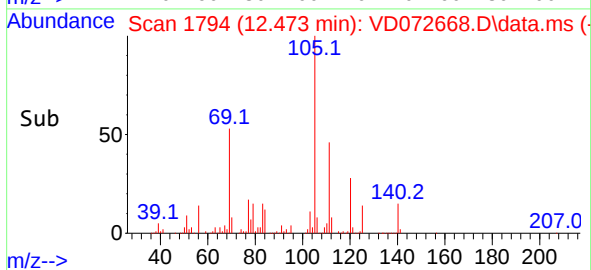
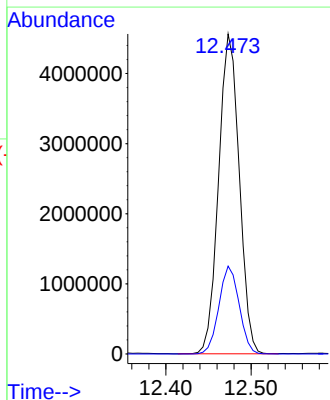
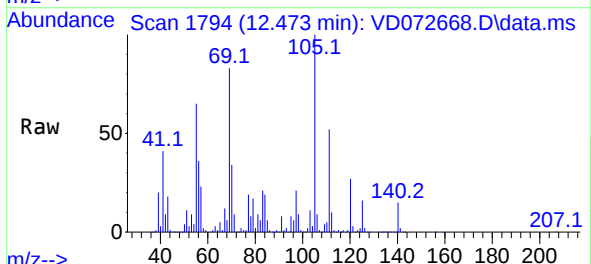
Manual Integrations
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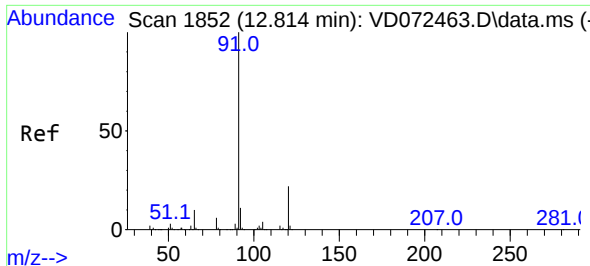
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#73
Isopropylbenzene
Concen: 139.615 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

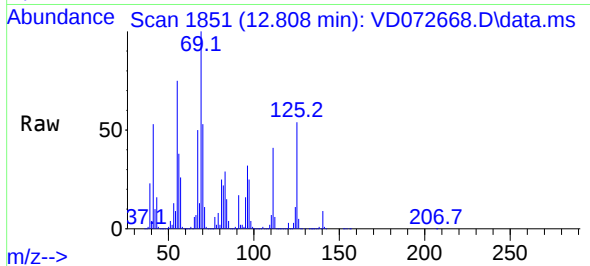
Tgt Ion:105 Resp: 7665249
Ion Ratio Lower Upper
105 100
120 26.9 13.0 38.9





#78
n-propylbenzene
Concen: 21.446 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

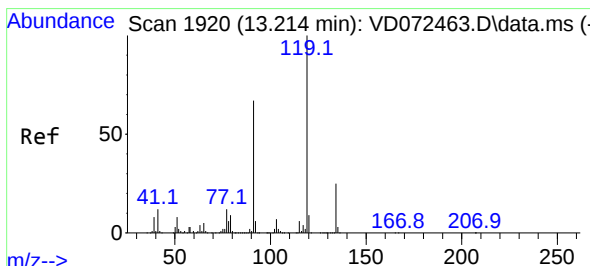
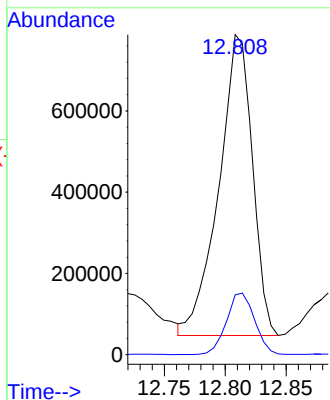
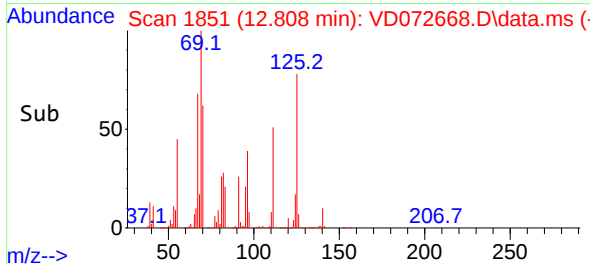
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-3-GR



Tgt Ion: 91 Resp: 142042
Ion Ratio Lower Upper
91 100
120 17.3 10.9 32.9

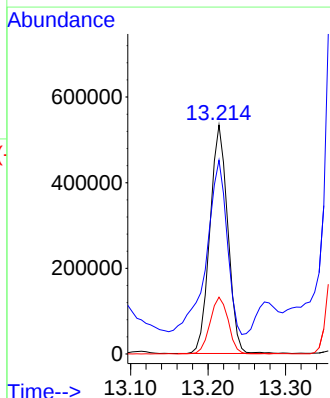
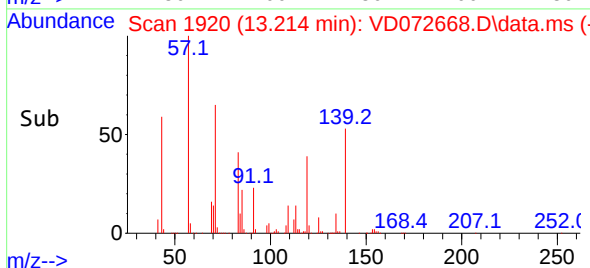
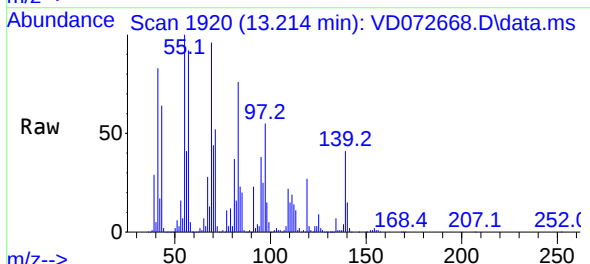
Manual Integrations
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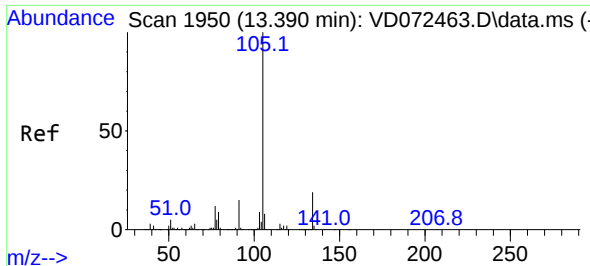
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#83
tert-Butylbenzene
Concen: 20.952 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072668.D
Acq: 21 Apr 2022 13:56

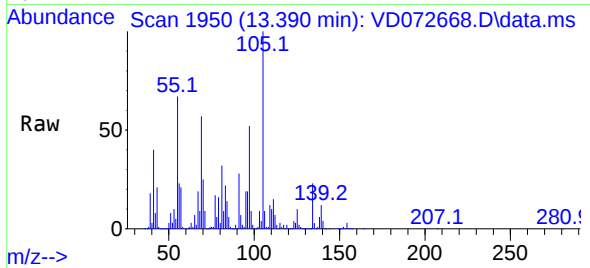
Tgt Ion:119 Resp: 852909
Ion Ratio Lower Upper
119 100
91 88.2 34.8 104.5
134 25.2 13.3 39.9





#85
 sec-Butylbenzene
 Concen: 104.692 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072668.D
 Acq: 21 Apr 2022 13:56

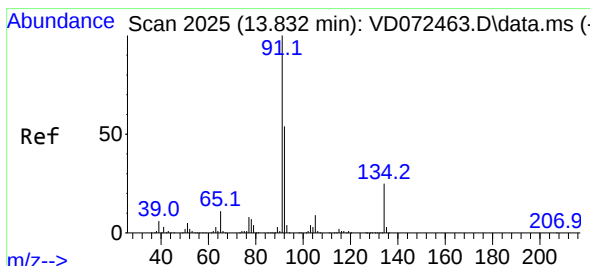
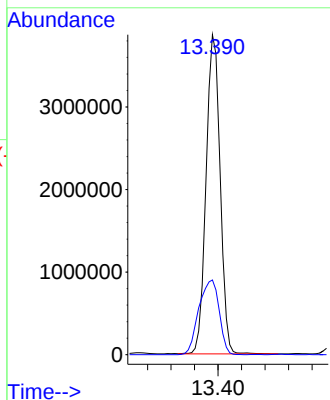
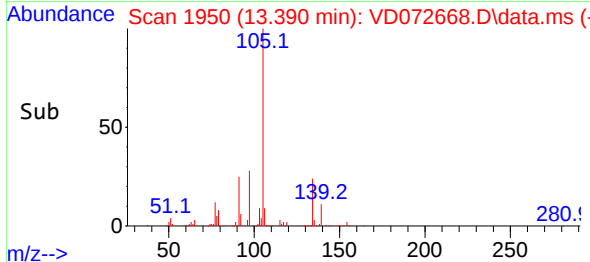
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-3-GR



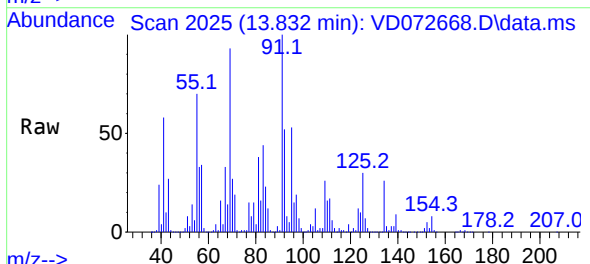
Tgt Ion: 105 Resp: 6419300
 Ion Ratio Lower Upper
 105 100
 134 33.7 9.8 29.3

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



#89
 n-Butylbenzene
 Concen: 56.425 ug/l
 RT: 13.832 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: VD072668.D
 Acq: 21 Apr 2022 13:56



Tgt Ion: 91 Resp: 2693962
 Ion Ratio Lower Upper
 91 100
 92 47.6 26.6 79.8
 134 0.0 12.3 36.9

