

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072681.D
 Acq On : 21 Apr 2022 20:07
 Operator : VA/SY
 Sample : N2514-05
 Misc : 6.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-6-GR

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 03:47:24 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	508698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	877159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558469	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	170746m	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257054	41.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.540%
35) Dibromofluoromethane	7.908	113	270968	39.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.500%
50) Toluene-d8	10.332	98	2213302	93.406	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	186.820%#
62) 4-Bromofluorobenzene	12.614	95	1182999	127.835	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	255.660%#
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	244784	213.327	ug/l	99
17) Carbon Disulfide	4.409	76	22622	5.746	ug/l	97
25) 2-Butanone	7.208	43	119652	75.397	ug/l	93
31) Cyclohexane	7.979	56	3551879	441.425	ug/l	87
39) Methylcyclohexane	9.349	83	18524819	1723.803	ug/l	95
68) m/p-Xylenes	11.843	106	57364	6.940	ug/l	# 1
69) o-Xylene	12.173	106	28821	3.614	ug/l	# 1
73) Isopropylbenzene	12.473	105	1025570	74.373	ug/l	99
78) n-propylbenzene	12.808	91	309114	18.582	ug/l	84
80) 1,3,5-Trimethylbenzene	12.949	105	50566	4.282	ug/l	91
83) tert-Butylbenzene	13.208	119	92965m	9.093	ug/l	
84) 1,2,4-Trimethylbenzene	13.255	105	73757	6.387	ug/l	91
85) sec-Butylbenzene	13.390	105	1040781	67.581	ug/l	# 71
89) n-Butylbenzene	13.826	91	948318	79.082	ug/l	98

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

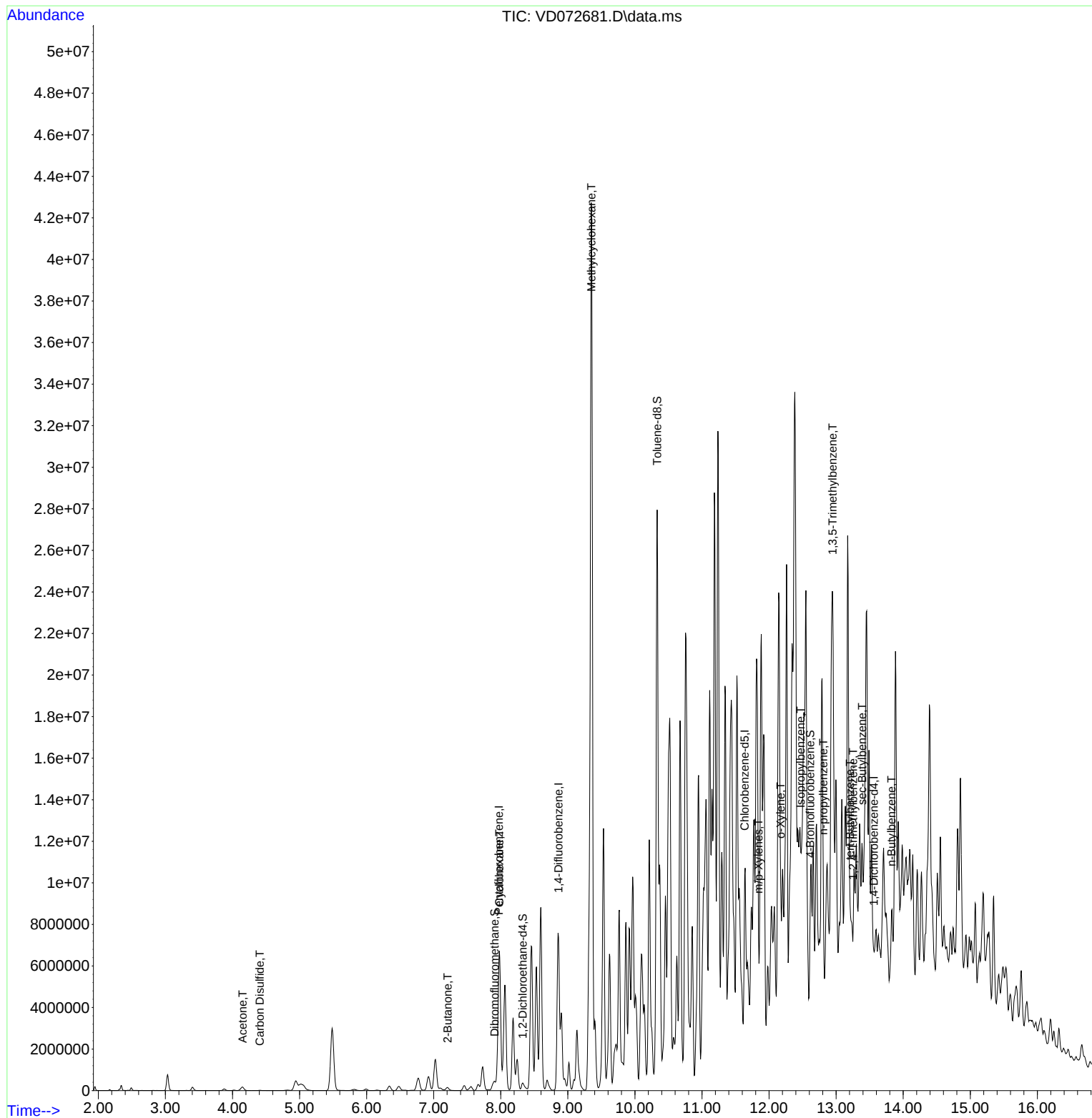
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
Data File : VD072681.D
Acq On : 21 Apr 2022 20:07
Operator : VA/SY
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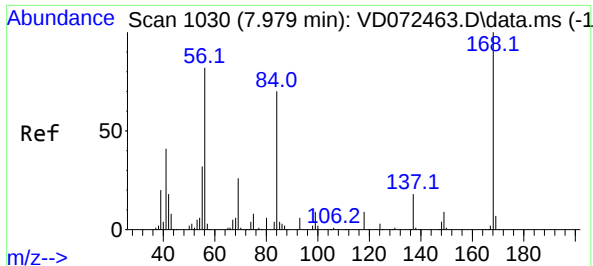
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

Quant Time: Apr 22 03:47:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
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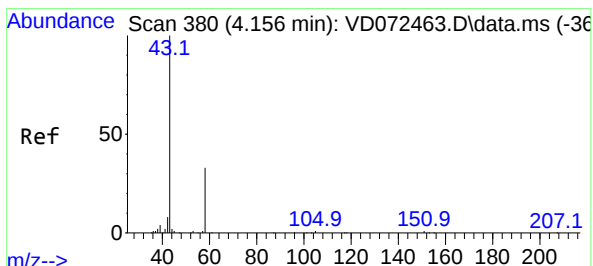
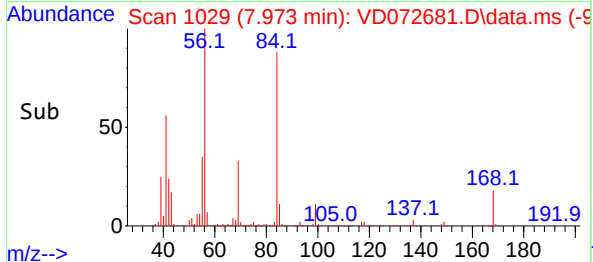
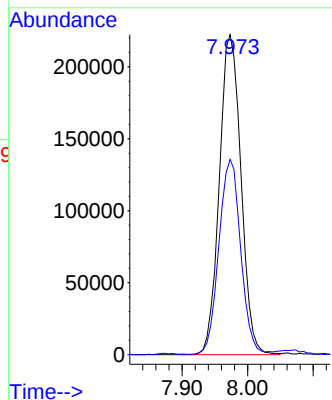
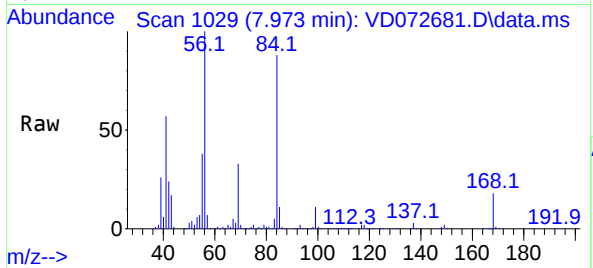
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

Tgt Ion:168 Resp: 508698
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6

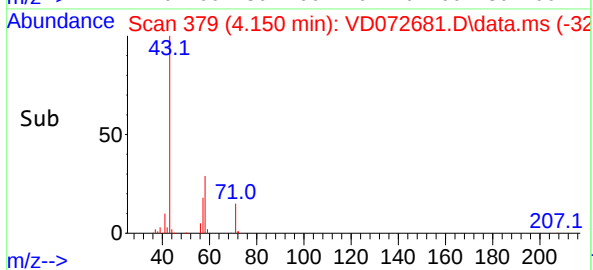
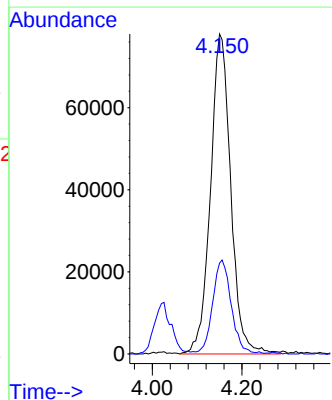
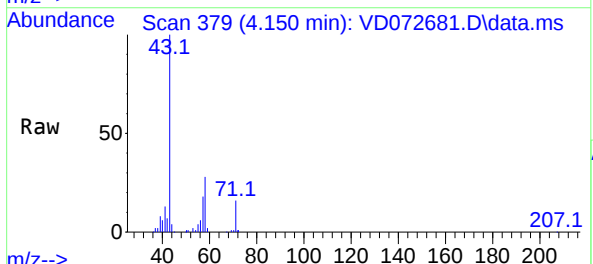
Manual Integrations
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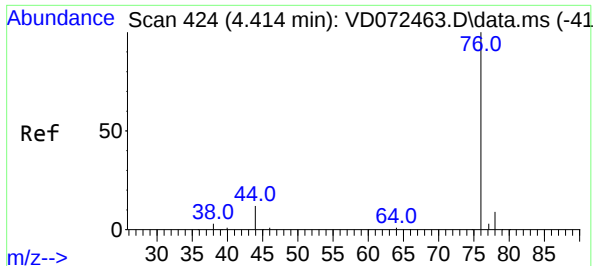
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#16
Acetone
Concen: 213.327 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

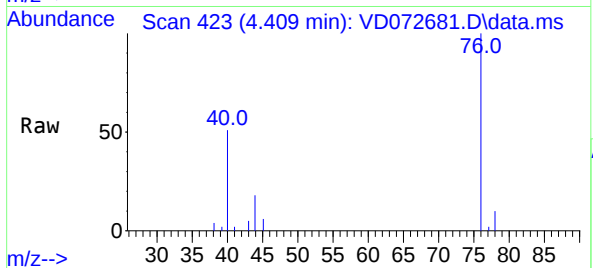
Tgt Ion: 43 Resp: 244784
Ion Ratio Lower Upper
43 100
58 28.0 22.1 33.1





#17
Carbon Disulfide
Concen: 5.746 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

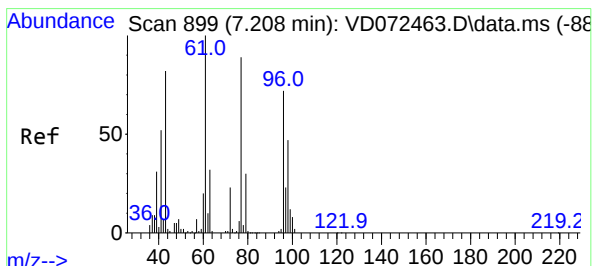
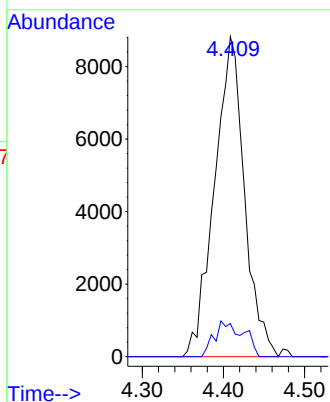
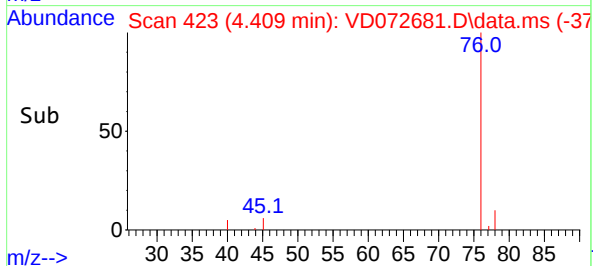
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR



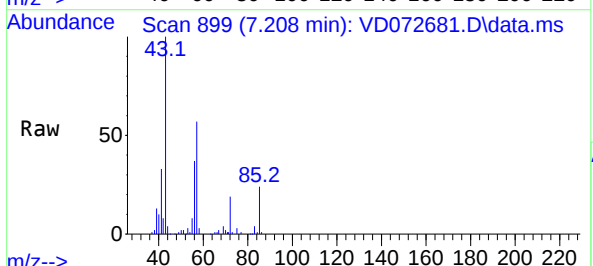
Tgt Ion: 76 Resp: 2262
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3

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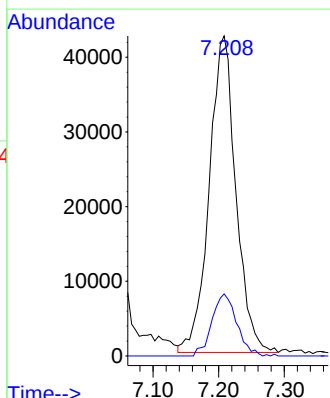
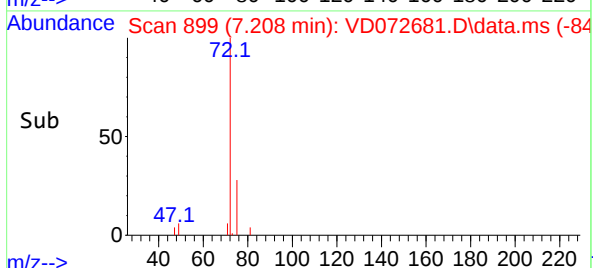
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

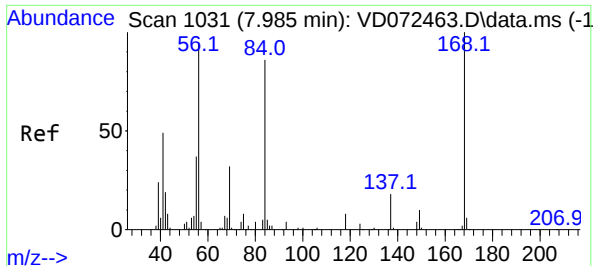


#25
2-Butanone
Concen: 75.397 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07



Tgt Ion: 43 Resp: 119652
Ion Ratio Lower Upper
43 100
72 19.6 18.6 27.8





#31

Cyclohexane

Concen: 441.425 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072681.D

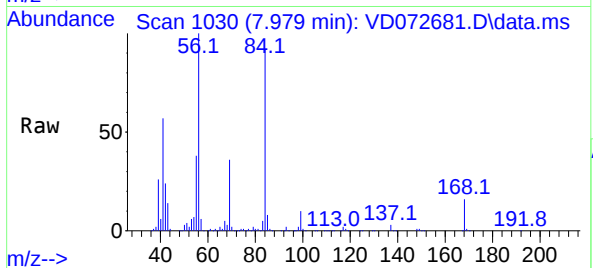
Acq: 21 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-6-GR



Tgt Ion: 56 Resp: 3551879

Ion Ratio Lower Upper

56 100

69 35.3 25.4 38.2

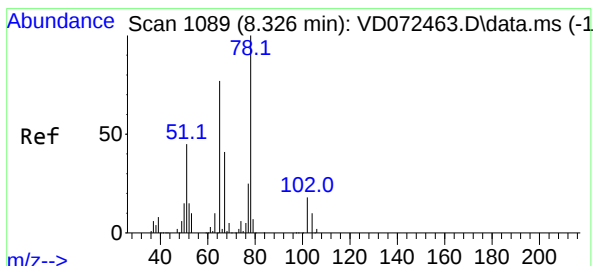
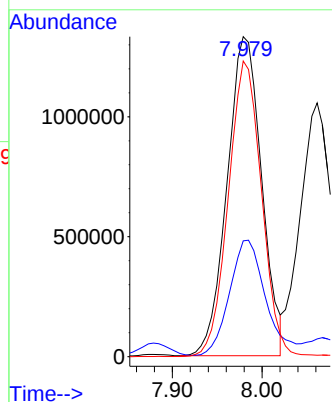
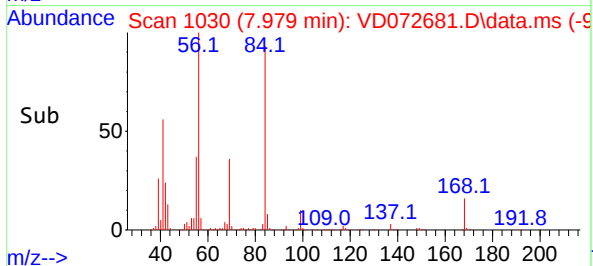
84 92.6 63.0 94.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/22/2022



#33

1,2-Dichloroethane-d4

Concen: 41.772 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072681.D

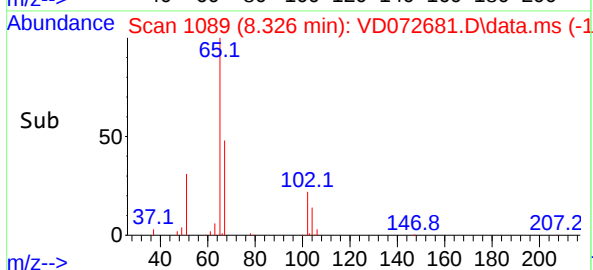
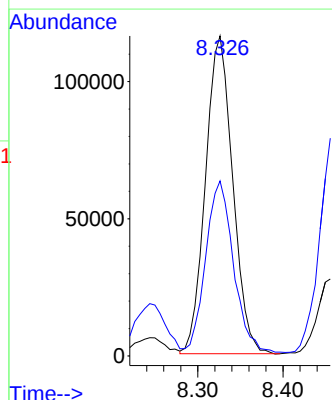
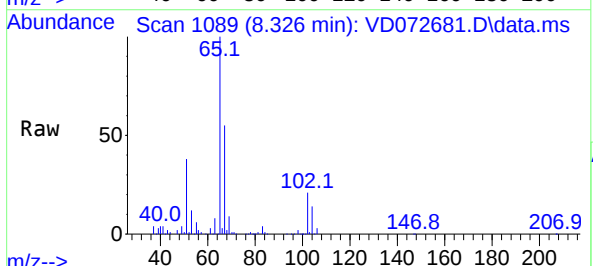
Acq: 21 Apr 2022 20:07

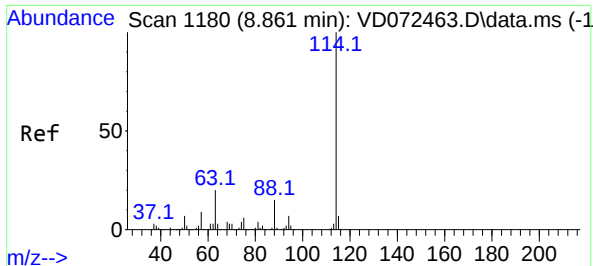
Tgt Ion: 65 Resp: 257054

Ion Ratio Lower Upper

65 100

67 54.9 0.0 101.4





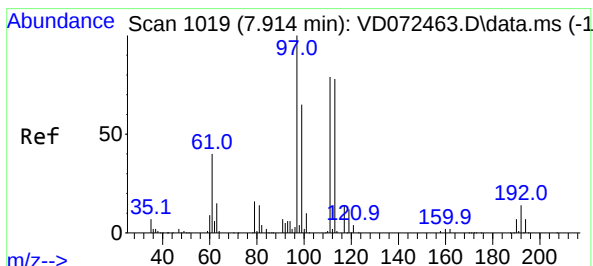
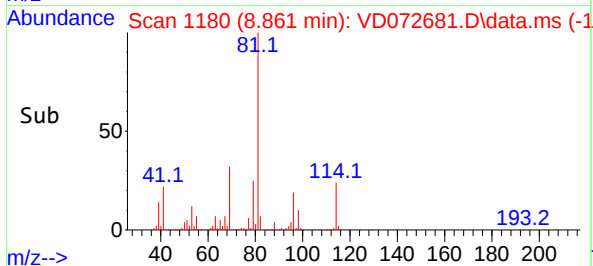
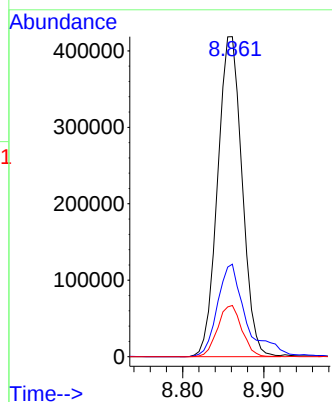
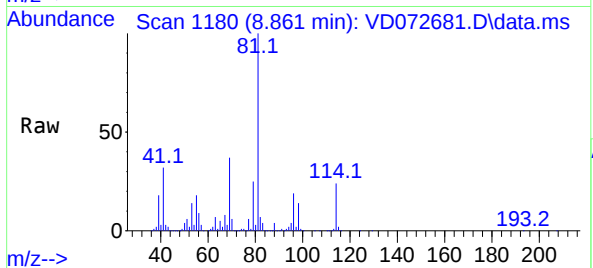
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

Tgt Ion:114 Resp: 877159
Ion Ratio Lower Upper
114 100
63 28.9 0.0 46.6
88 16.0 0.0 33.2

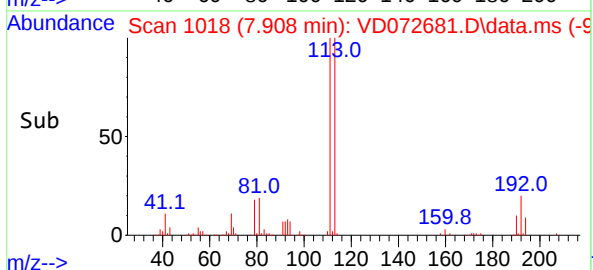
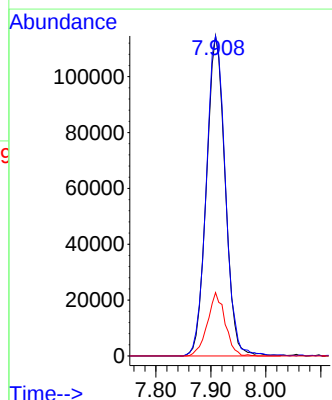
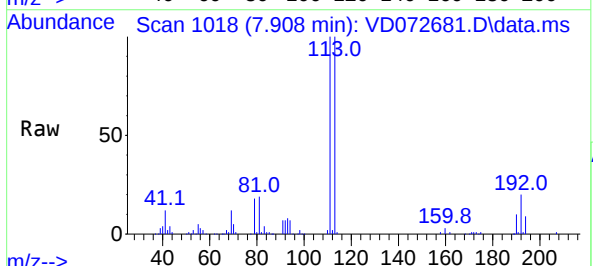
Manual Integrations
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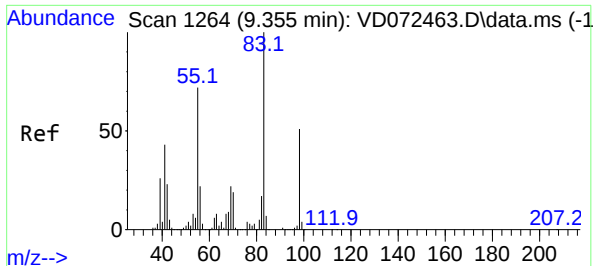
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#35
Dibromofluoromethane
Concen: 39.750 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:113 Resp: 270968
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.6 14.6 21.8





#39

Methylcyclohexane

Concen: 1723.803 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072681.D

Acq: 21 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-6-GR

Tgt Ion: 83 Resp:18524819

Ion Ratio Lower Upper

83 100

55 79.5 63.2 94.8

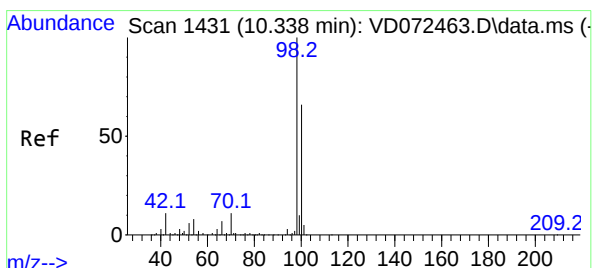
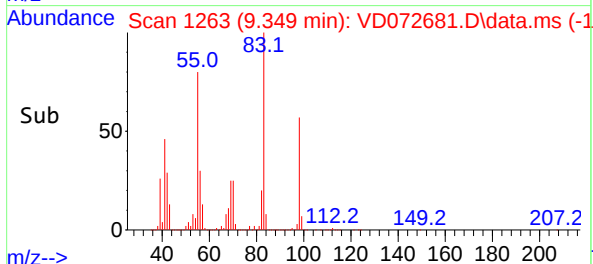
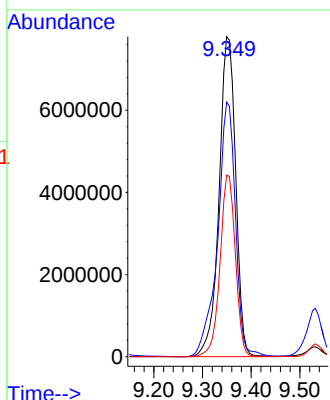
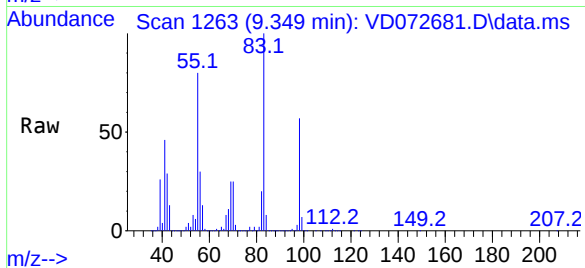
98 56.8 38.2 57.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/22/2022



#50

Toluene-d8

Concen: 93.406 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072681.D

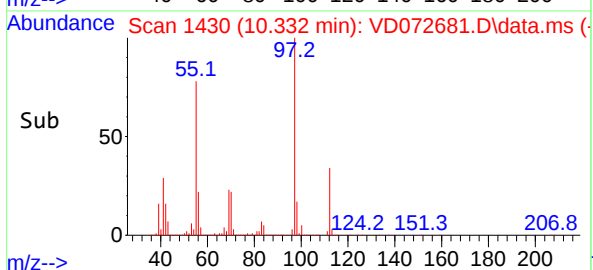
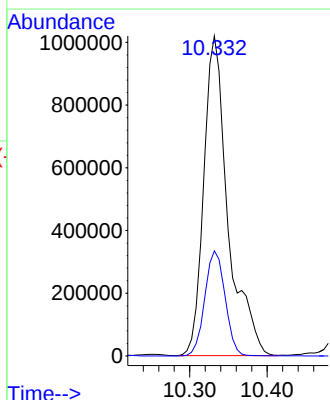
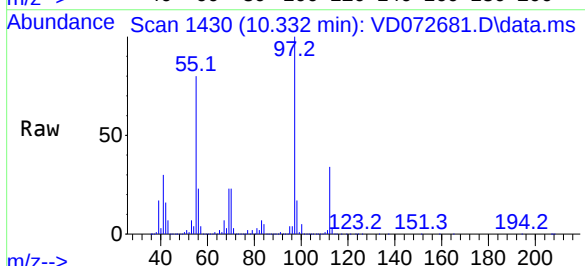
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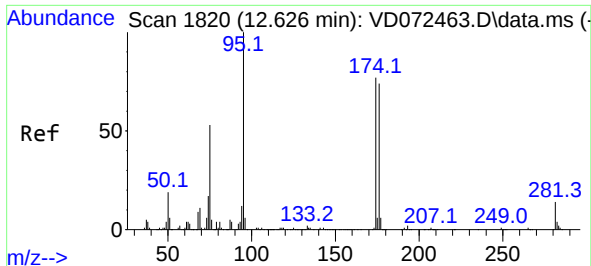
Tgt Ion: 98 Resp: 2213302

Ion Ratio Lower Upper

98 100

100 27.5 52.4 78.6#





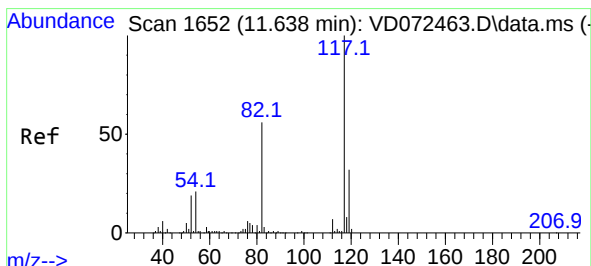
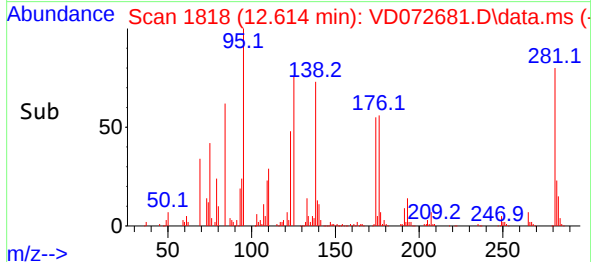
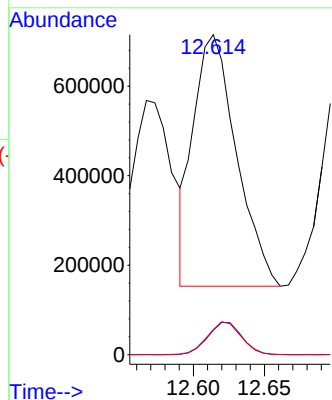
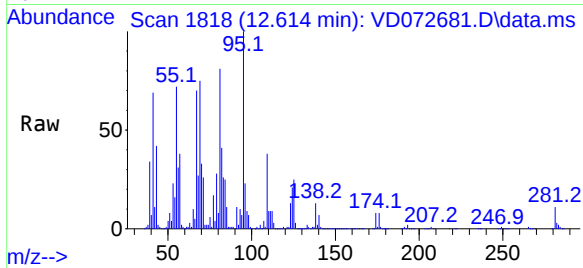
#62
4-Bromofluorobenzene
Concen: 127.835 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Instrument :
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ClientSampleId :
WC-16-1A-6-GR

Tgt Ion: 95 Resp: 1182999
Ion Ratio Lower Upper
95 100
174 10.3 0.0 152.8
176 10.3 0.0 145.4

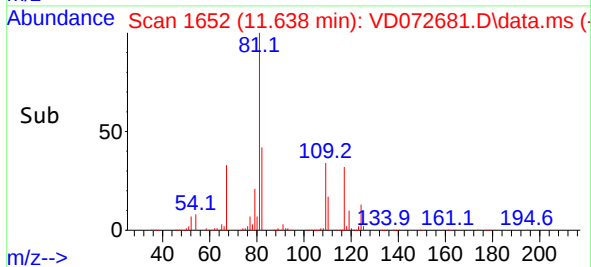
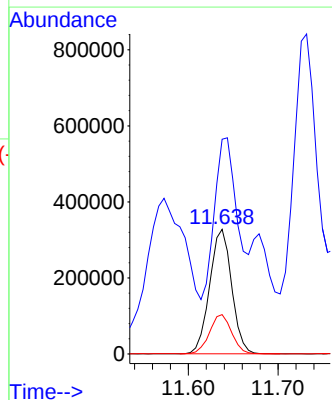
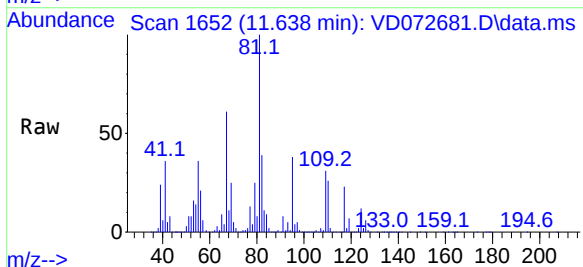
Manual Integrations
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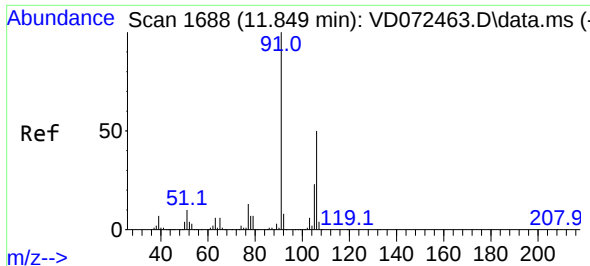
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

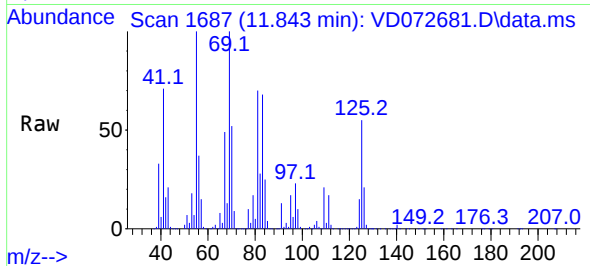
Tgt Ion:117 Resp: 558469
Ion Ratio Lower Upper
117 100
82 124.2 45.3 67.9#
119 31.5 26.6 40.0





#68
m/p-Xylenes
Concen: 6.940 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

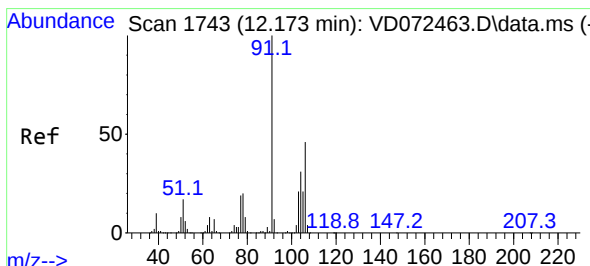
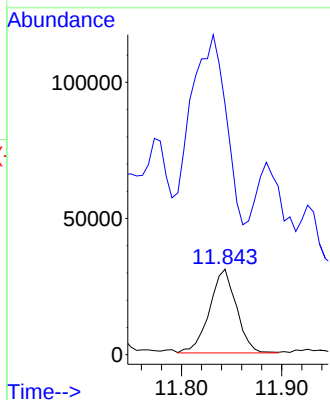
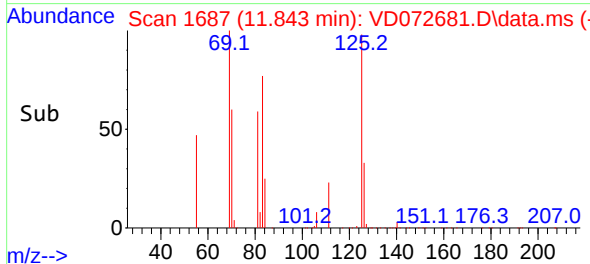
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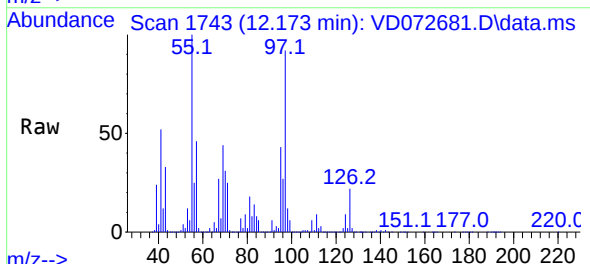
Tgt Ion:106 Resp: 57364
Ion Ratio Lower Upper
106 100
91 421.1 163.7 245.5

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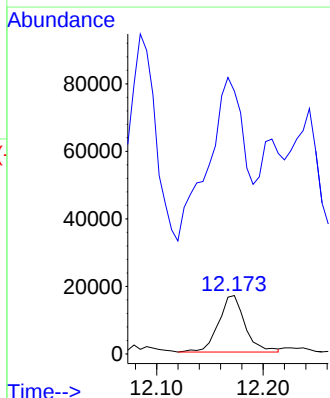
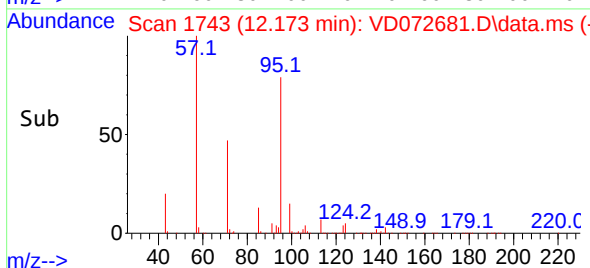
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

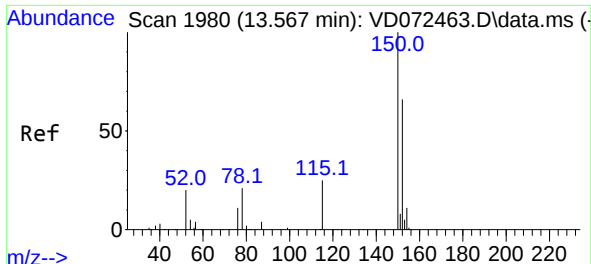


#69
o-Xylene
Concen: 3.614 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07



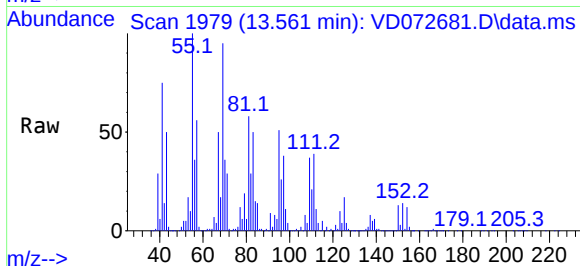
Tgt Ion:106 Resp: 28821
Ion Ratio Lower Upper
106 100
91 393.9 110.4 331.2#





#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: VD072681.D
Acq: 21 Apr 2022 20:07

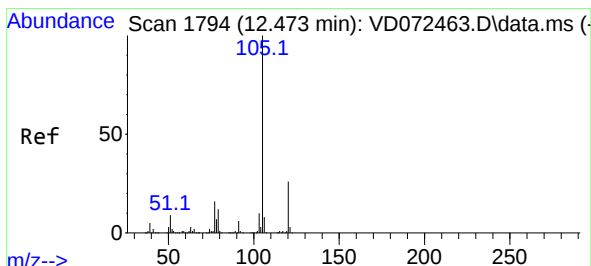
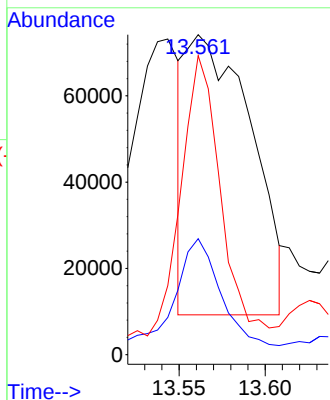
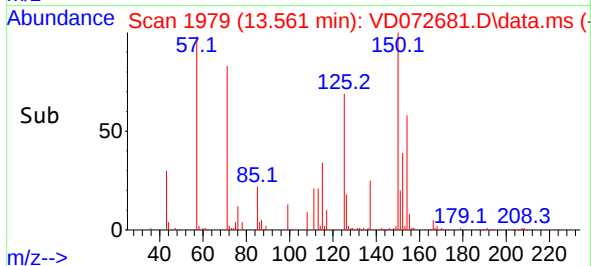
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR



Tgt Ion:152 Resp: 170740
Ion Ratio Lower Upper
152 100
115 27.4 31.3 93.8
150 59.9 0.0 348.6

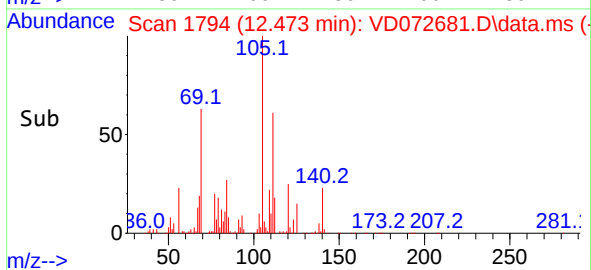
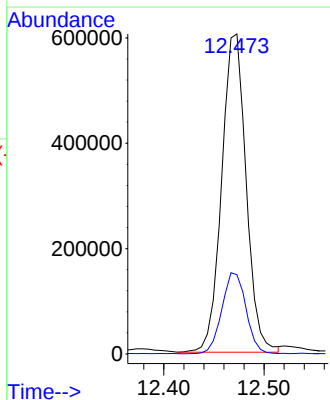
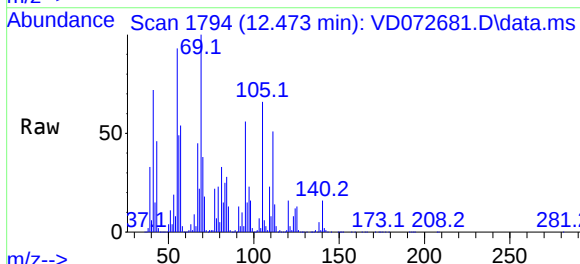
Manual Integrations
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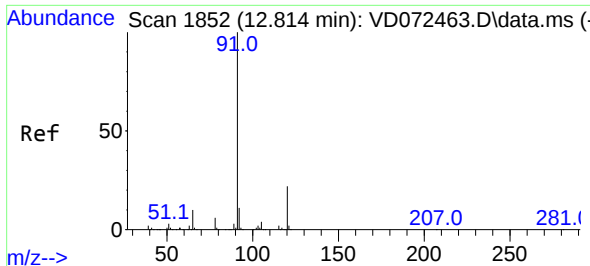
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#73
Isopropylbenzene
Concen: 74.373 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Tgt Ion:105 Resp: 1025570
Ion Ratio Lower Upper
105 100
120 25.2 13.0 38.9





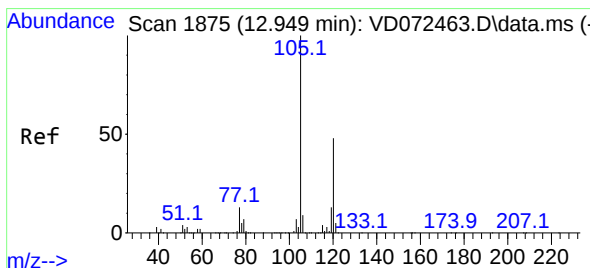
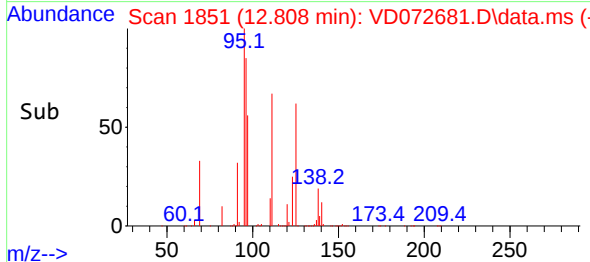
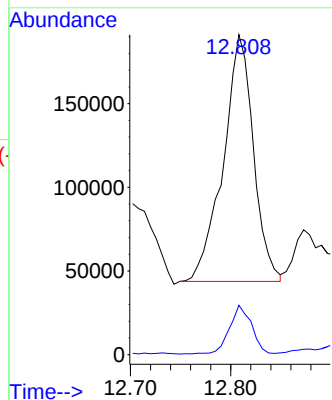
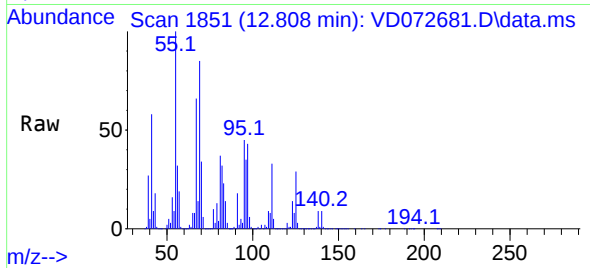
#78
n-propylbenzene
Concen: 18.582 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR

Tgt Ion: 91 Resp: 309114
Ion Ratio Lower Upper
91 100
120 14.5 10.9 32.9

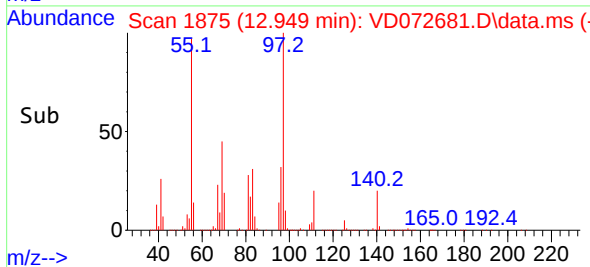
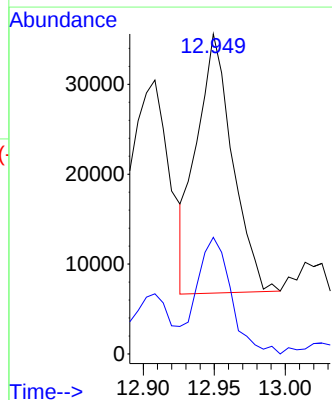
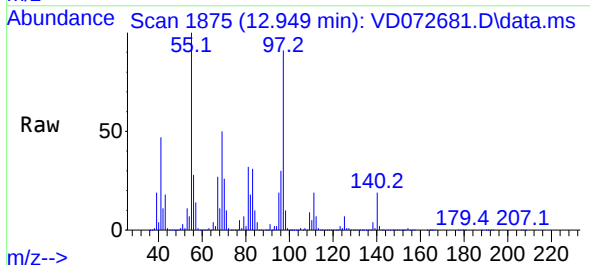
Manual Integrations
APPROVED

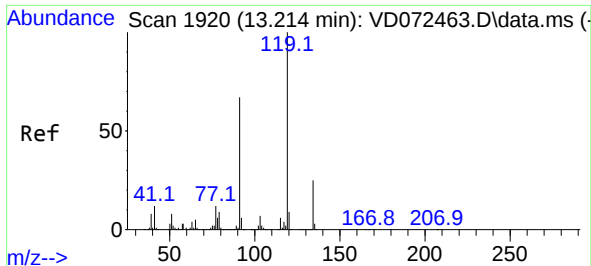
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.282 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

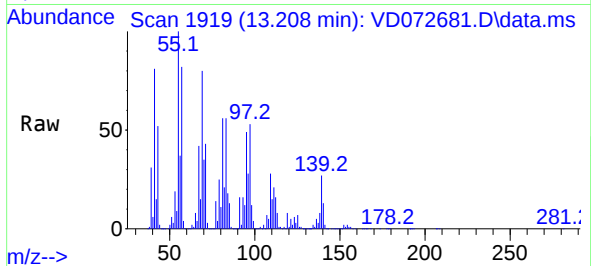
Tgt Ion:105 Resp: 50566
Ion Ratio Lower Upper
105 100
120 42.6 24.3 72.8





#83
tert-Butylbenzene
Concen: 9.093 ug/l m
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

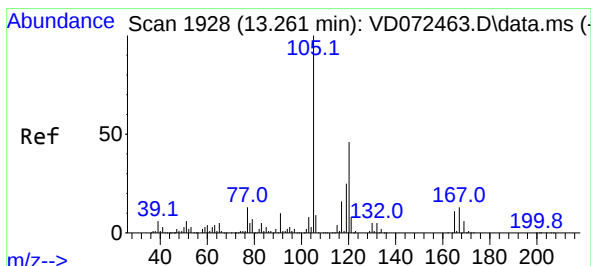
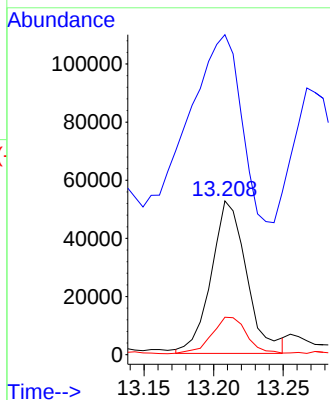
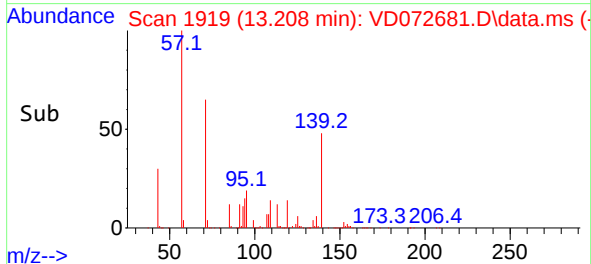
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR



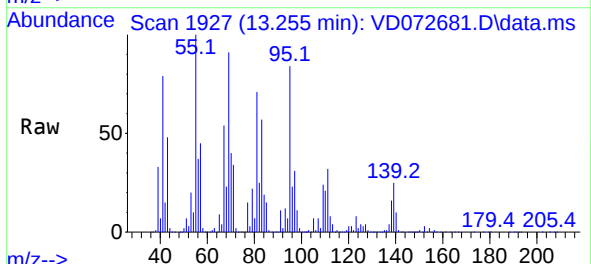
Tgt Ion:119 Resp: 92968
Ion Ratio Lower Upper
119 100
91 131.8 34.8 104.5
134 57.7 13.3 39.9

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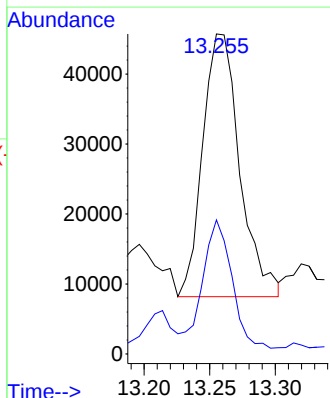
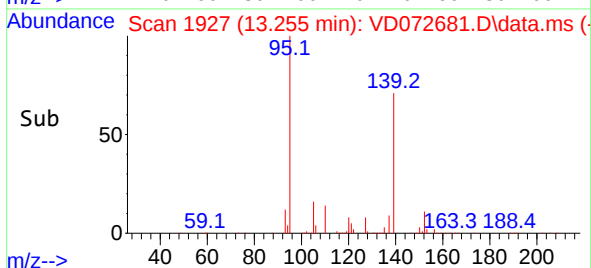
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

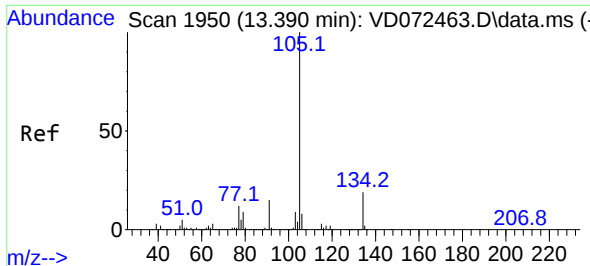


#84
1,2,4-Trimethylbenzene
Concen: 6.387 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07



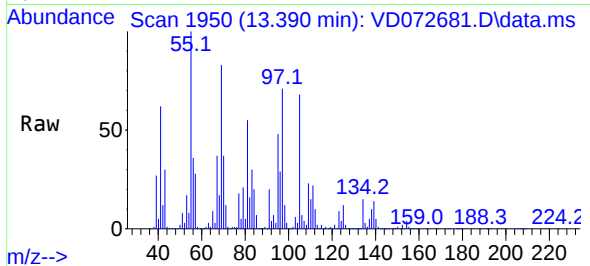
Tgt Ion:105 Resp: 73757
Ion Ratio Lower Upper
105 100
120 38.6 22.3 66.8





#85
sec-Butylbenzene
Concen: 67.581 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07

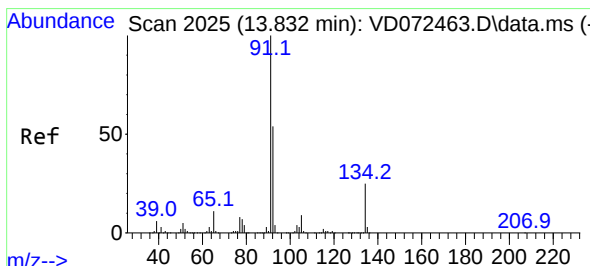
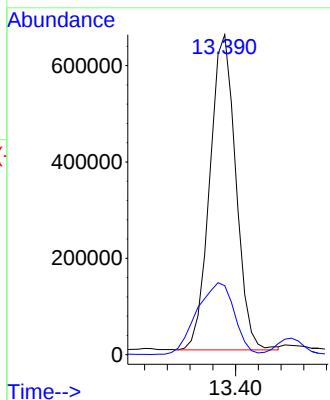
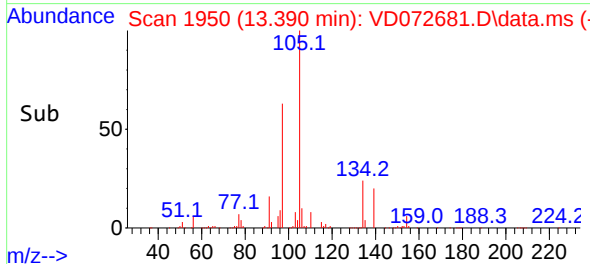
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-6-GR



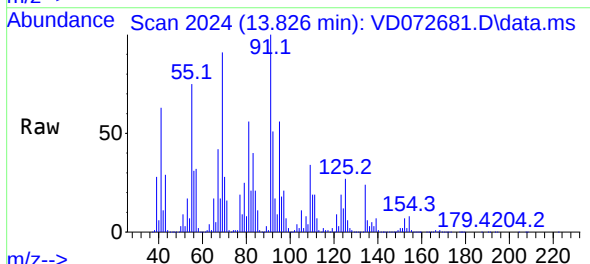
Tgt Ion:105 Resp: 104078
Ion Ratio Lower Upper
105 100
134 32.7 9.8 29.3

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 79.082 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD072681.D
Acq: 21 Apr 2022 20:07



Tgt Ion: 91 Resp: 948318
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 26.7 12.3 36.9

