

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015327.D
 Acq On : 24 Aug 2023 21:11
 Operator : SY/MD
 Sample : 04147-04
 Misc : 3.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04(21.5-23)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 25 03:27:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	174093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108367	51.855	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.700%			
35) Dibromofluoromethane	7.716	113	90401	48.979	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.960%			
50) Toluene-d8	10.179	98	339583	49.424	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.477	95	121297	48.334	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.660%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	10664	15.620	ug/l	90
17) Carbon Disulfide	4.192	76	14785	6.935	ug/l	95
40) Benzene	8.161	78	67323	10.905	ug/l	100
67) Ethyl Benzene	11.593	91	62215	7.286	ug/l	96
68) m/p-Xylenes	11.697	106	73455	22.651	ug/l	97
69) o-Xylene	12.026	106	68210	21.114	ug/l	97
73) Isopropylbenzene	12.331	105	46435	5.717	ug/l	99
78) n-propylbenzene	12.672	91	31294	3.245	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	358133	52.900	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	805936	119.134	ug/l	98
86) p-Isopropyltoluene	13.367	119	22260	2.959	ug/l	88
89) n-Butylbenzene	13.696	91	9111	1.285	ug/l #	71

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

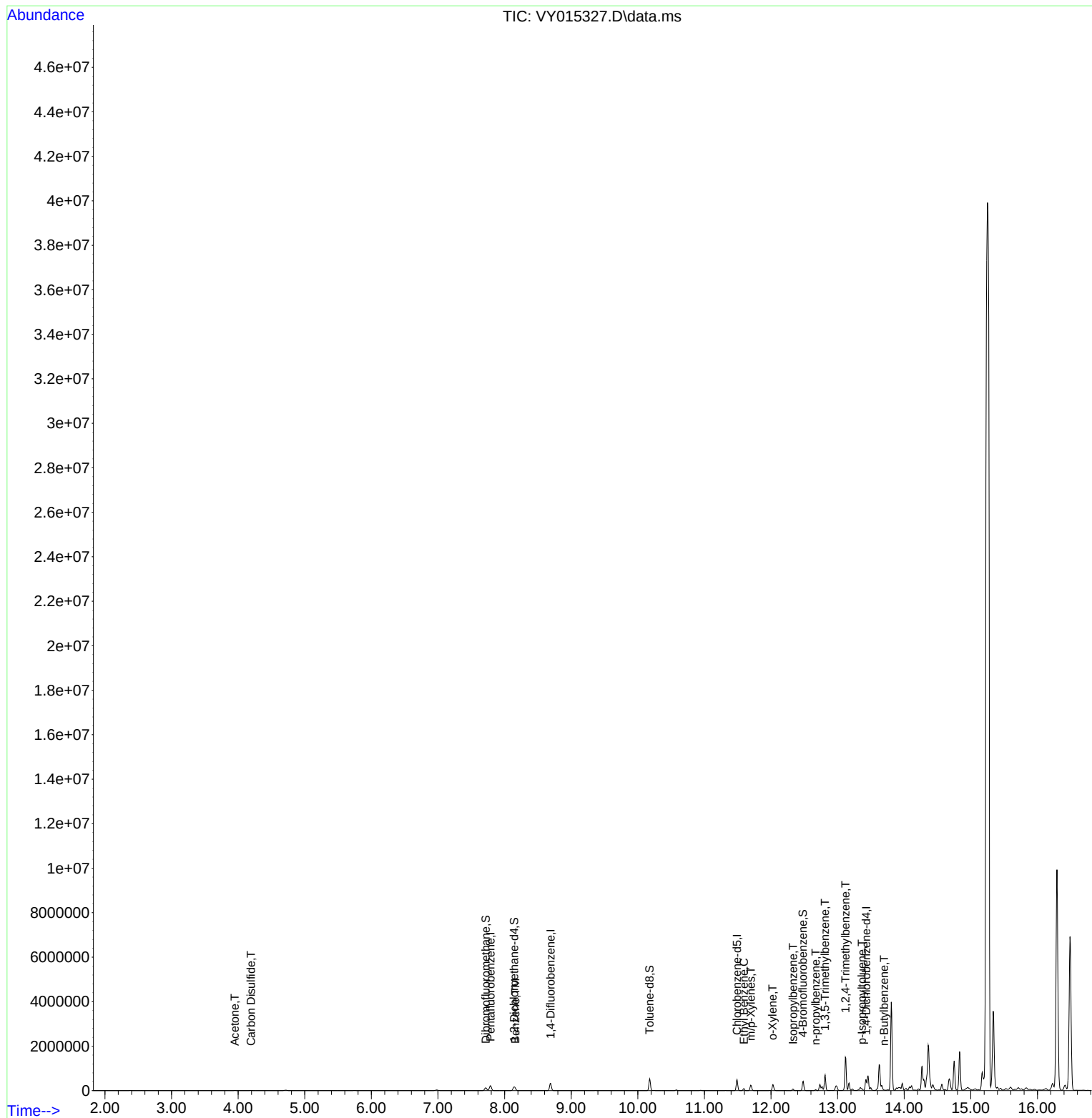
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015327.D
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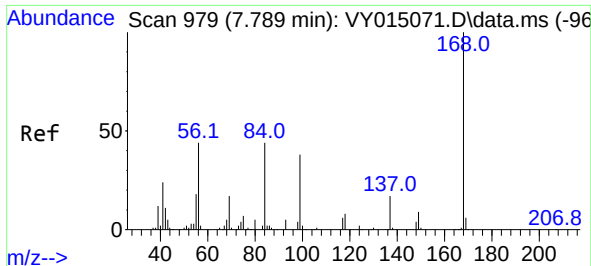
Instrument :
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SB-04(21.5-23)

Quant Time: Aug 25 03:27:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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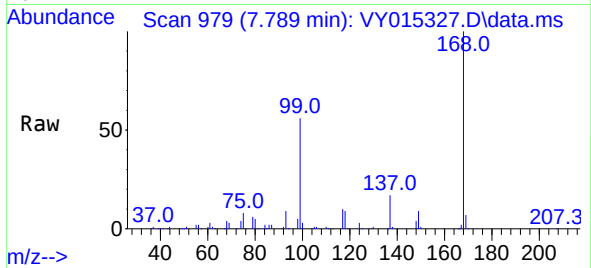
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

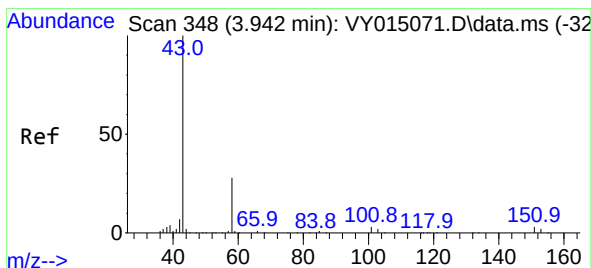
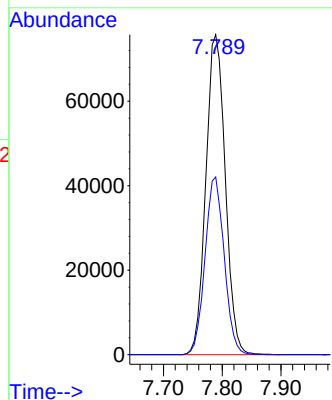
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(21.5-23)



Tgt Ion:168 Resp: 17409
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0

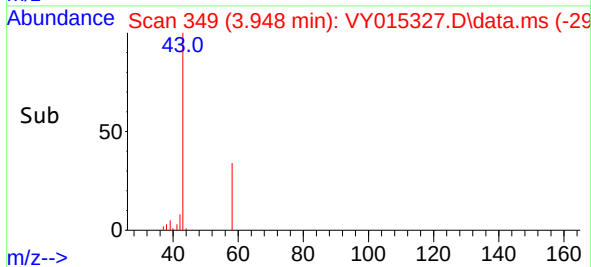
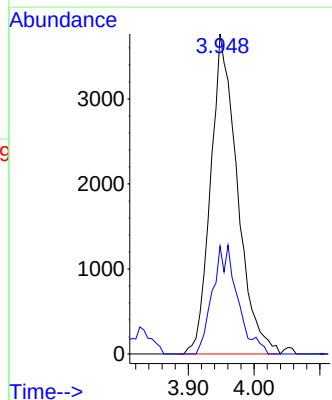
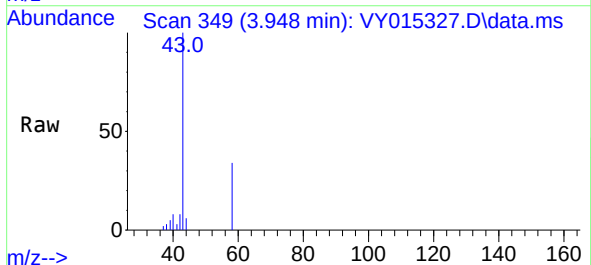
Manual Integrations
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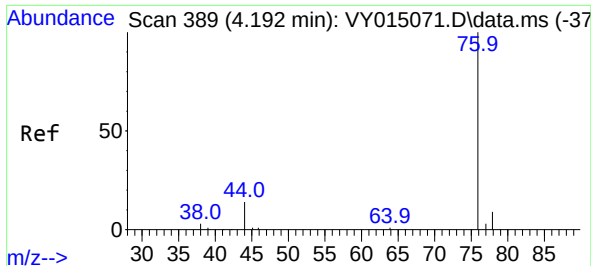
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#16
Acetone
Concen: 15.620 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

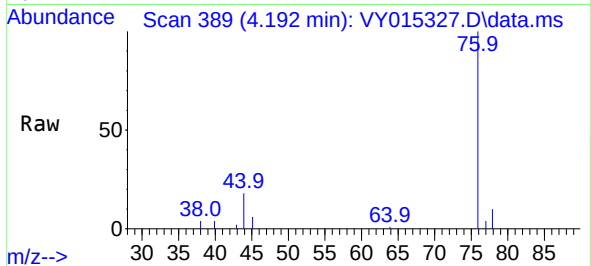
Tgt Ion: 43 Resp: 10664
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1





#17
Carbon Disulfide
Concen: 6.935 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

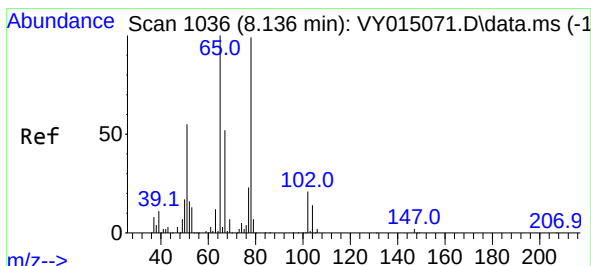
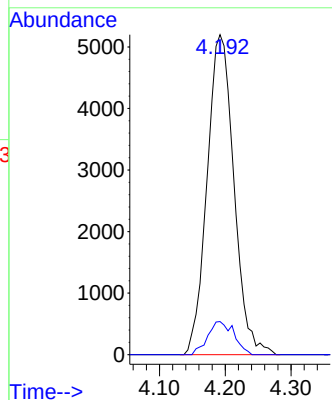
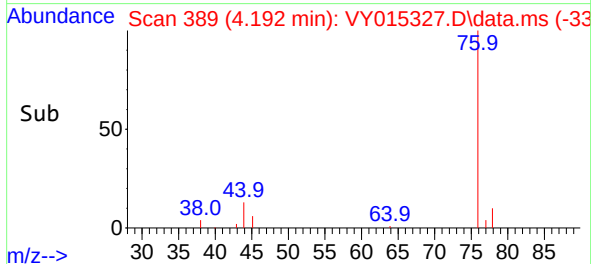
Instrument :
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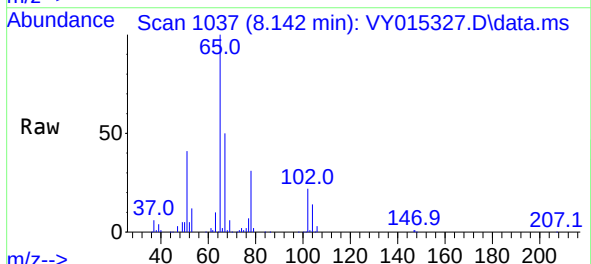
Tgt Ion: 76 Resp: 14785
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4

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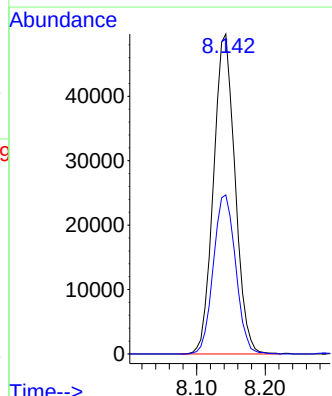
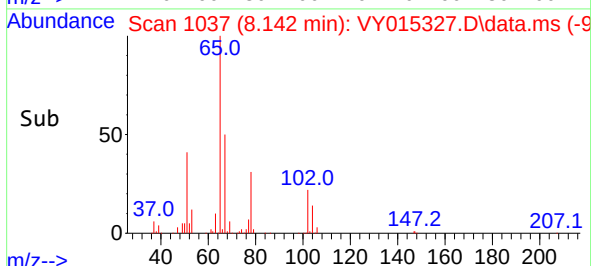
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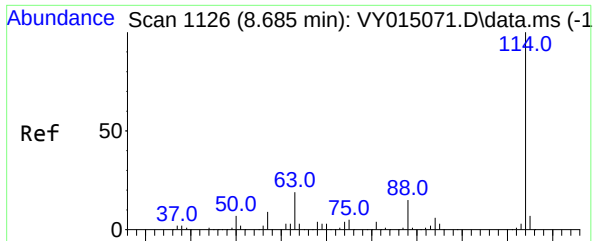


#33
1,2-Dichloroethane-d4
Concen: 51.855 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11



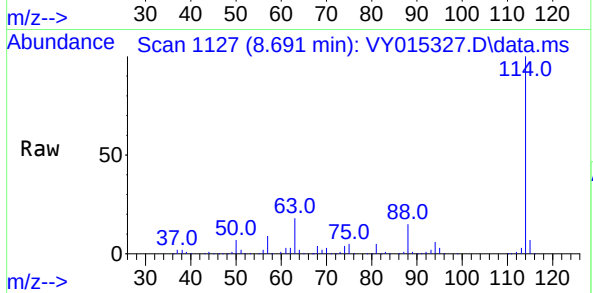
Tgt Ion: 65 Resp: 108367
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

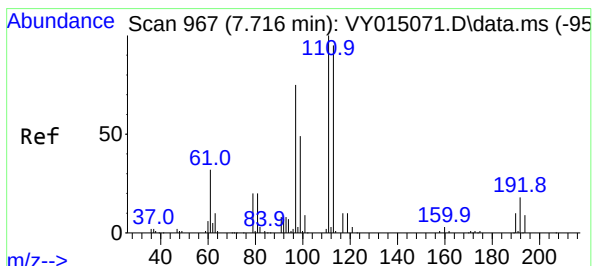
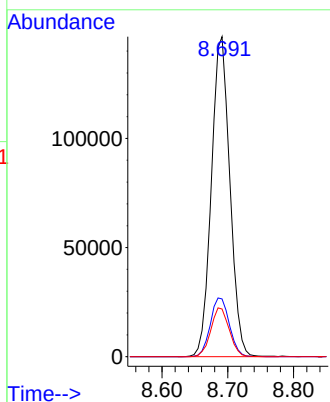
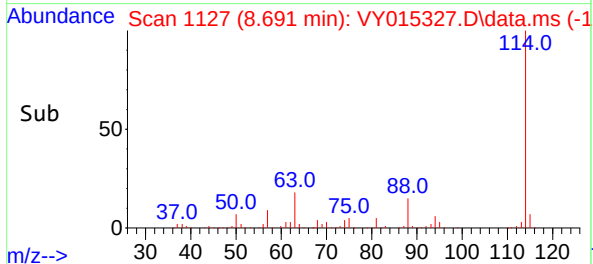
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(21.5-23)



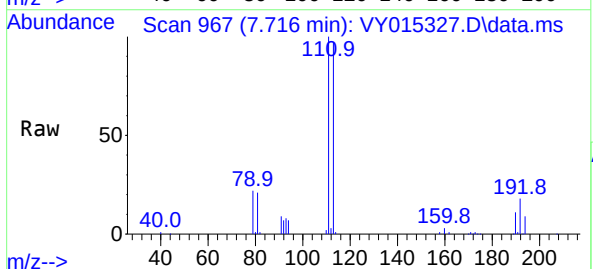
Tgt Ion:114 Resp: 286900
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 14.9 0.0 30.6

Manual Integrations
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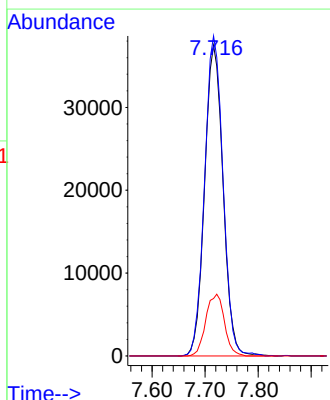
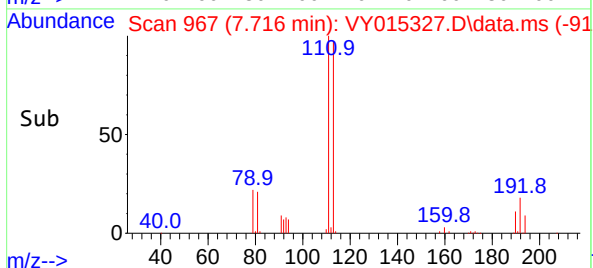
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

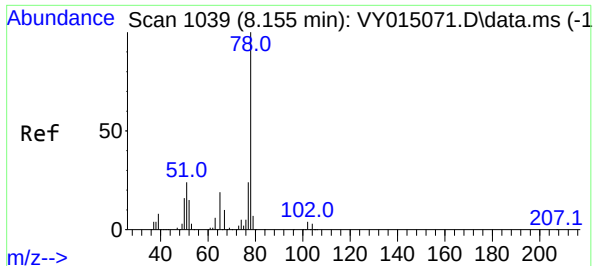


#35
Dibromofluoromethane
Concen: 48.979 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11



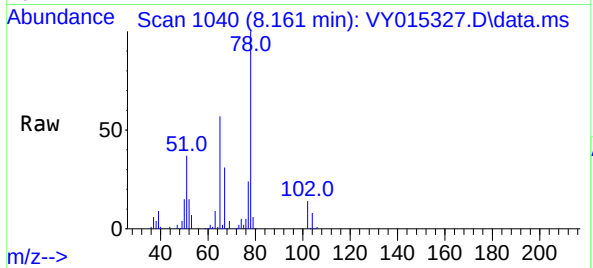
Tgt Ion:113 Resp: 90401
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.1 16.9 25.3





#40
Benzene
Concen: 10.905 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

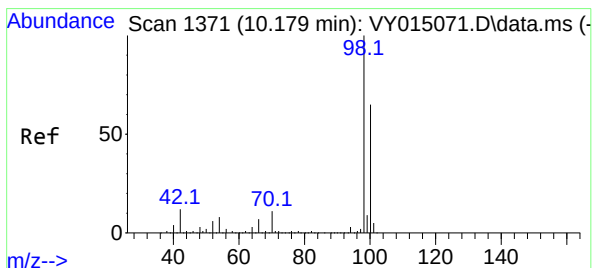
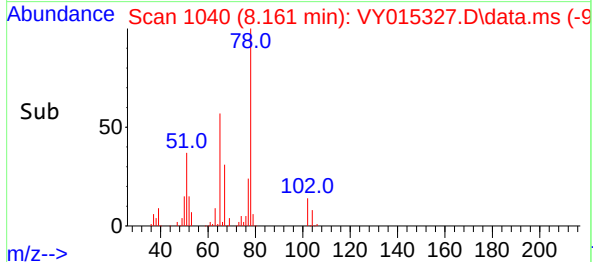
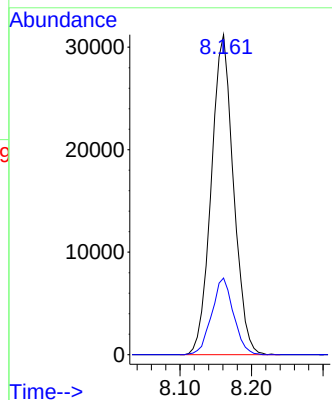
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(21.5-23)



Tgt Ion: 78 Resp: 6732
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

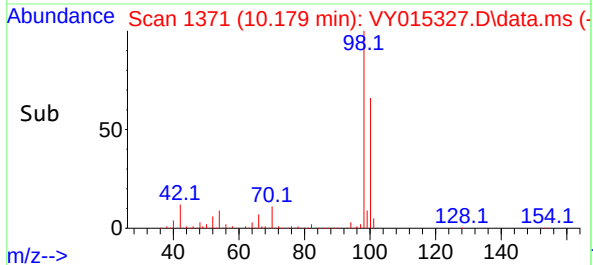
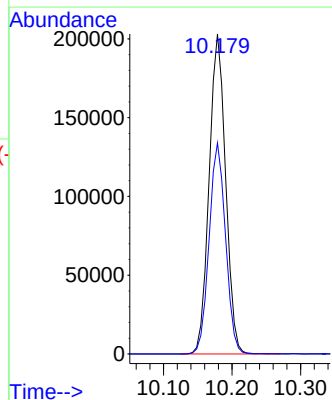
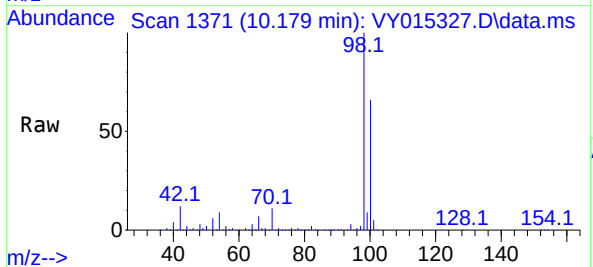
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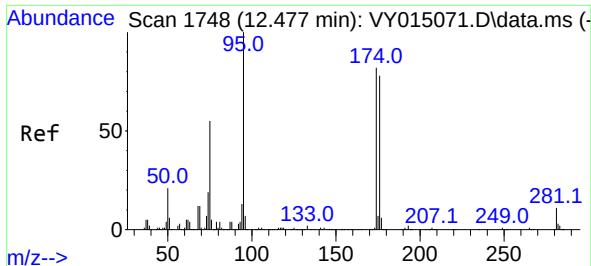
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#50
Toluene-d8
Concen: 49.424 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

Tgt Ion: 98 Resp: 339583
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1





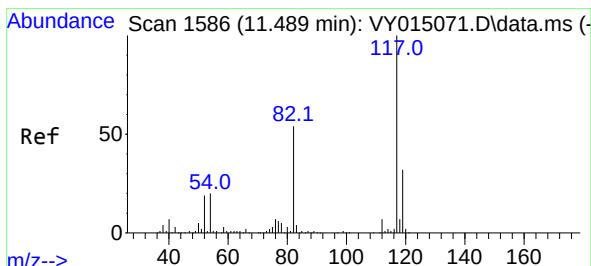
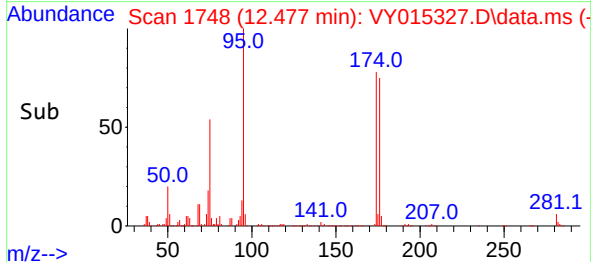
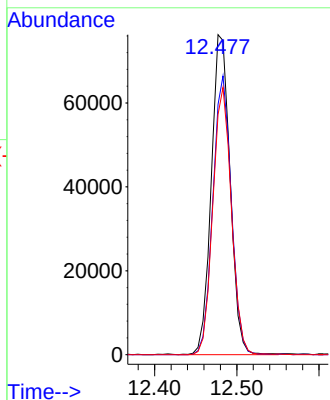
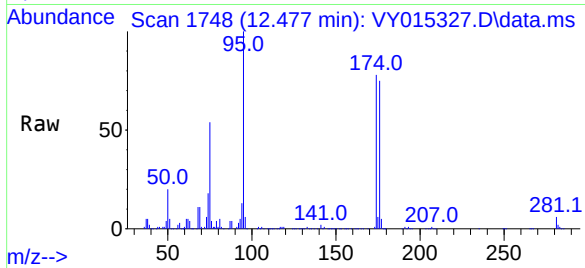
#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-04(21.5-23)

Tgt Ion: 95 Resp: 12129
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.3 0.0 173.8

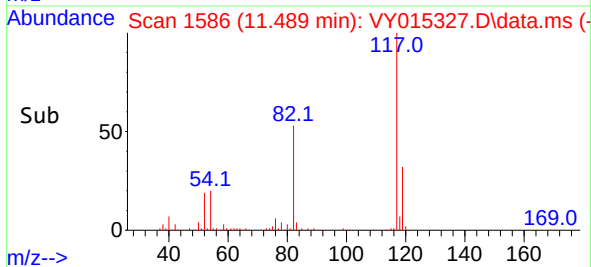
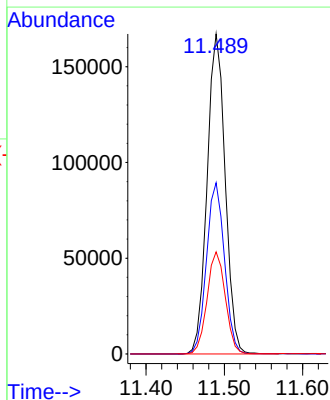
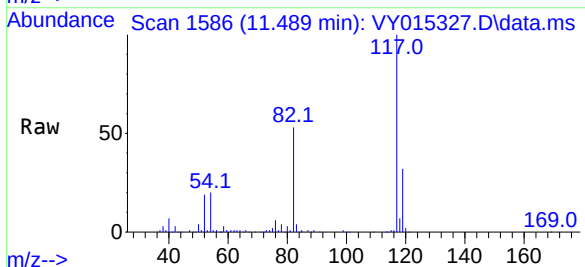
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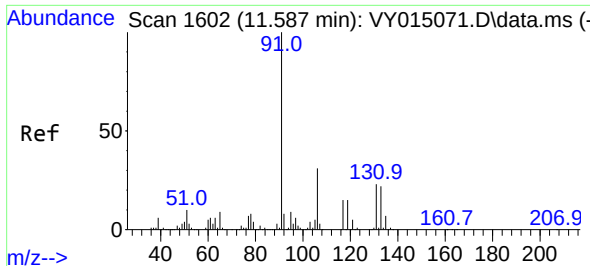
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

Tgt Ion:117 Resp: 267468
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.8 26.3 39.5





#67

Ethyl Benzene

Concen: 7.286 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015327.D

Acq: 24 Aug 2023 21:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-04(21.5-23)

Tgt Ion: 91 Resp: 6221

Ion Ratio Lower Upper

91 100

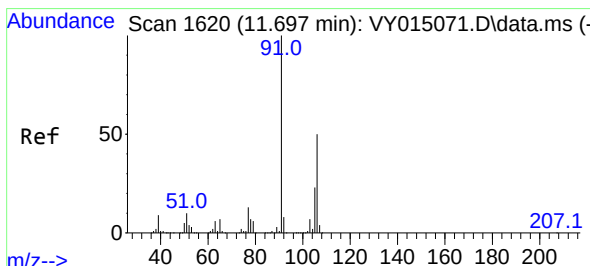
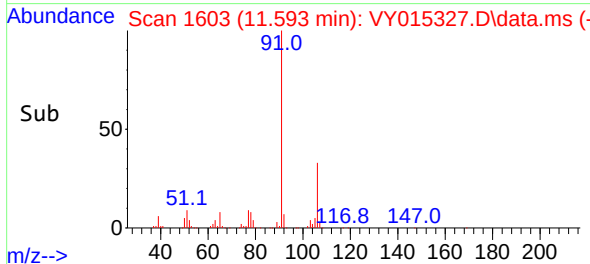
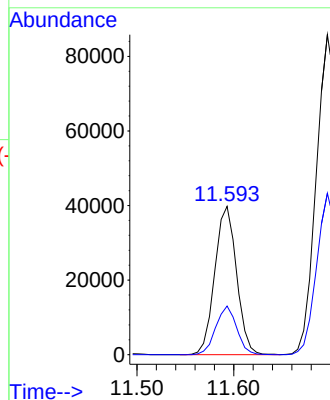
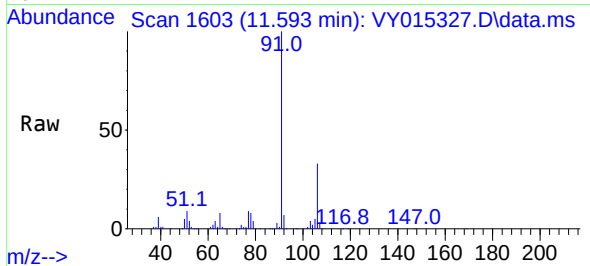
106 32.8 24.6 36.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 08/25/2023



#68

m/p-Xylenes

Concen: 22.651 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015327.D

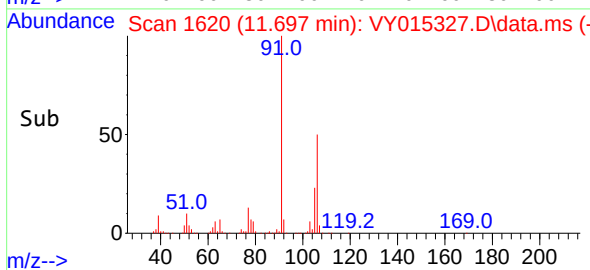
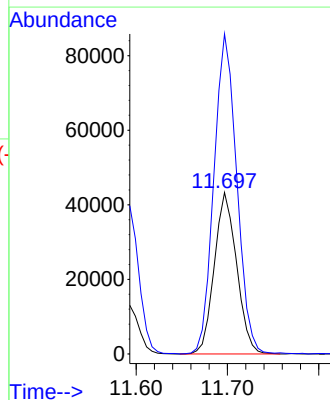
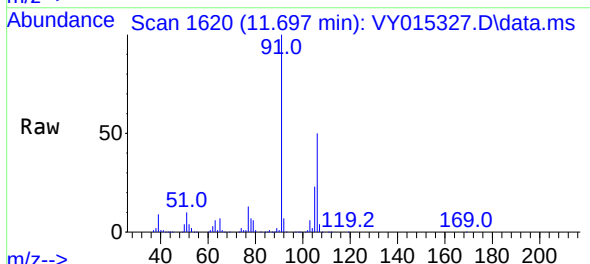
Acq: 24 Aug 2023 21:11

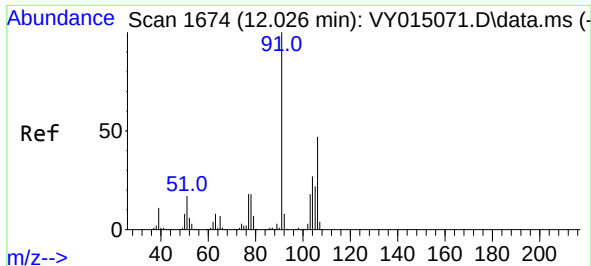
Tgt Ion:106 Resp: 73455

Ion Ratio Lower Upper

106 100

91 203.4 166.1 249.1





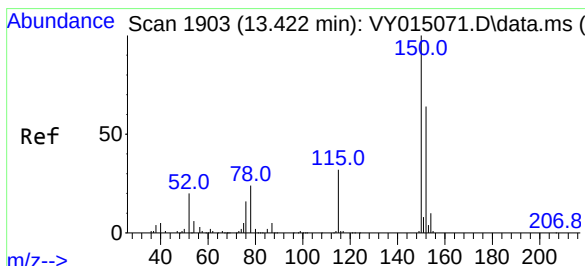
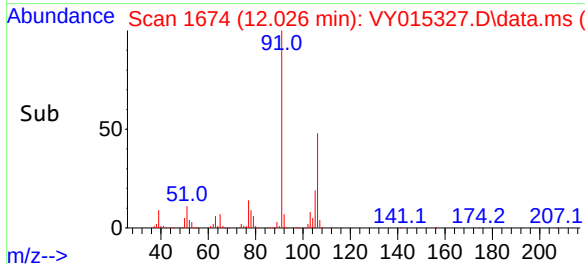
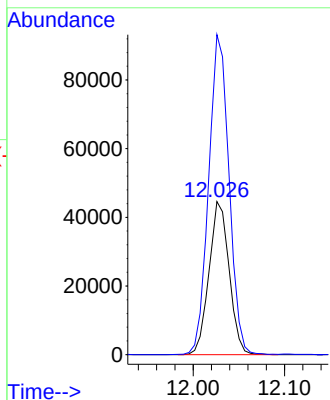
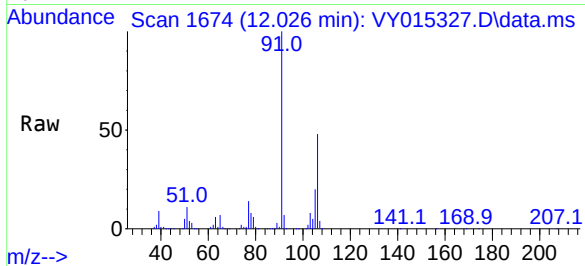
#69
o-Xylene
Concen: 21.114 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-04(21.5-23)

Tgt Ion:106 Resp: 68210
Ion Ratio Lower Upper
106 100
91 211.6 108.1 324.3

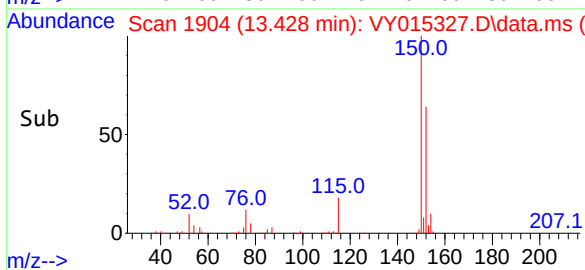
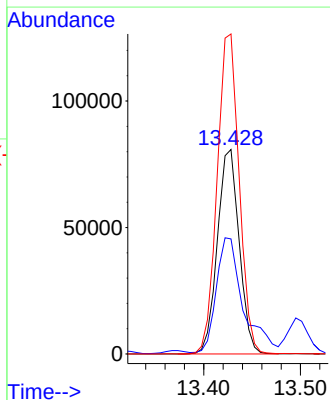
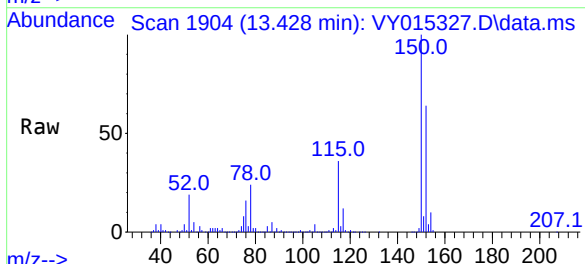
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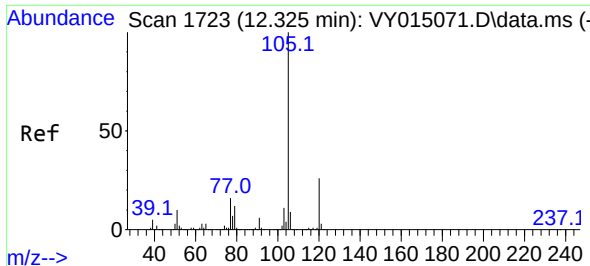
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

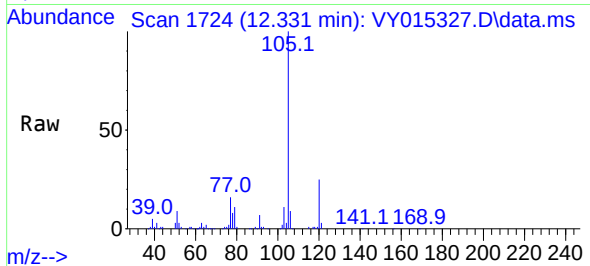
Tgt Ion:152 Resp: 126303
Ion Ratio Lower Upper
152 100
115 68.7 28.8 86.5
150 158.1 0.0 348.8





#73
Isopropylbenzene
Concen: 5.717 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

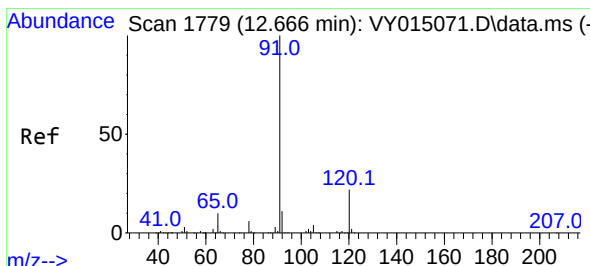
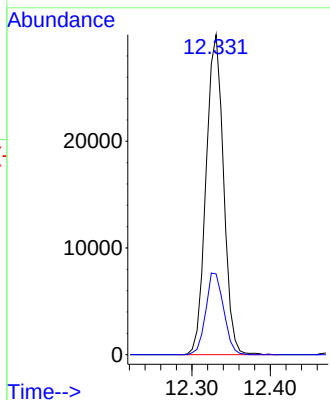
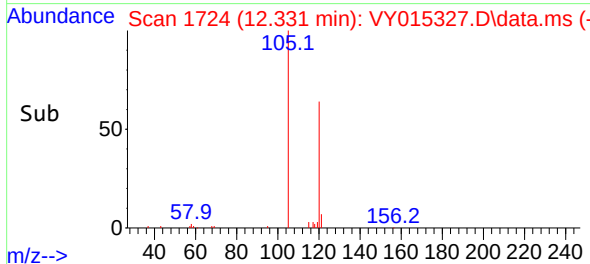
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(21.5-23)



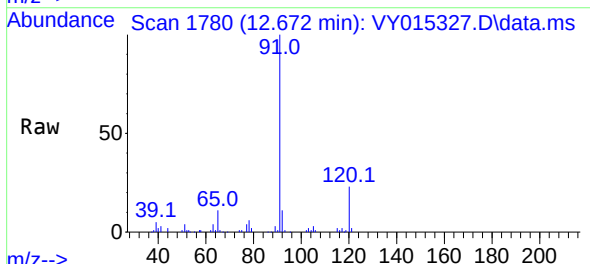
Tgt Ion:105 Resp: 4643
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

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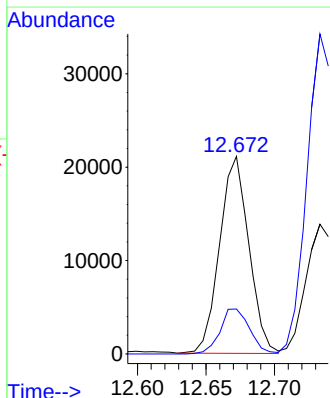
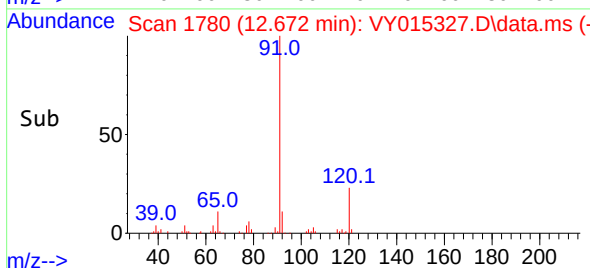
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

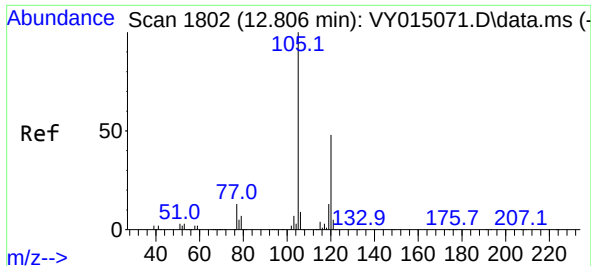


#78
n-propylbenzene
Concen: 3.245 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11



Tgt Ion: 91 Resp: 31294
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





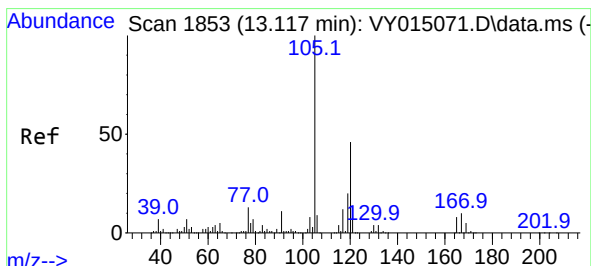
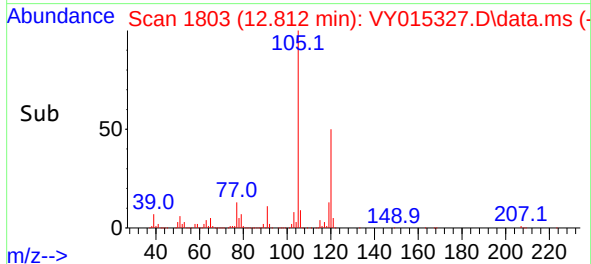
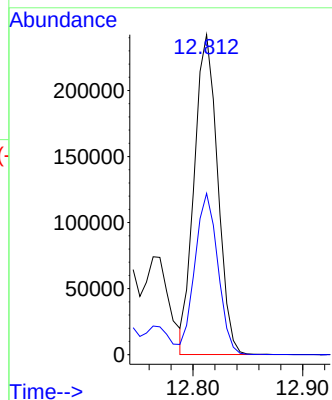
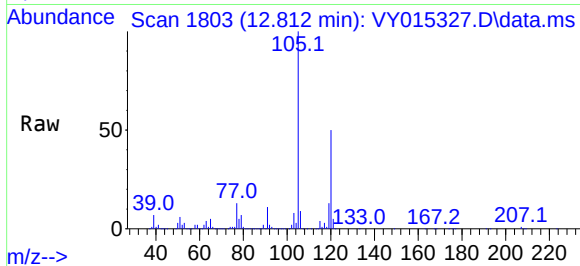
#80
1,3,5-Trimethylbenzene
Concen: 52.900 ug/l
RT: 12.812 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-04(21.5-23)

Tgt Ion:105 Resp: 35813
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

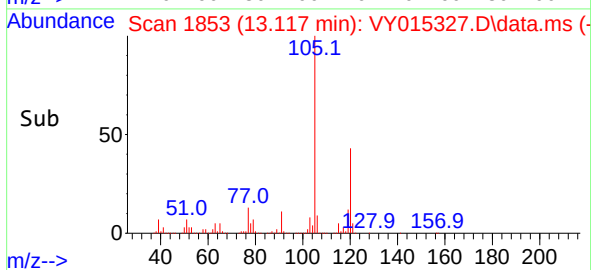
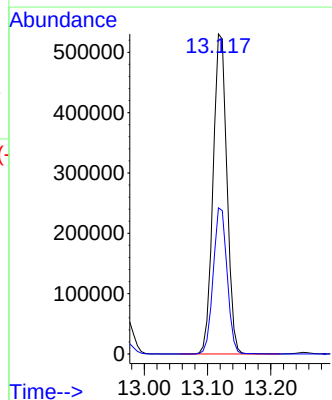
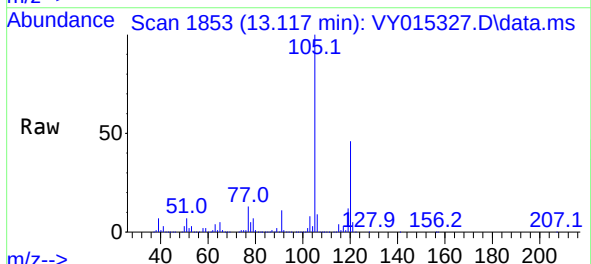
Manual Integrations
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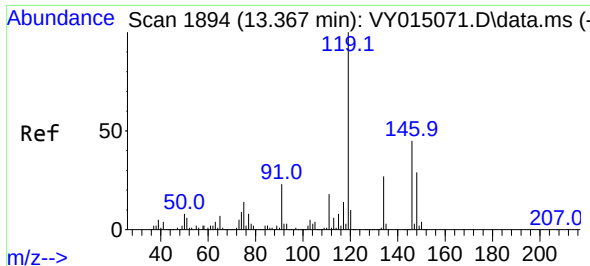
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 119.134 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

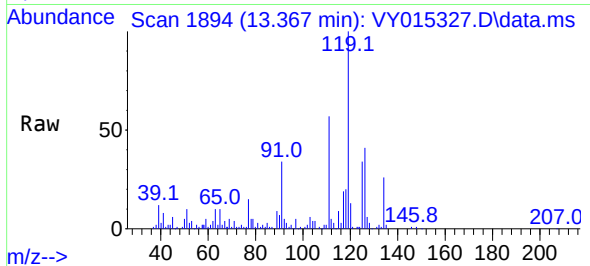
Tgt Ion:105 Resp: 805936
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#86
p-Isopropyltoluene
Concen: 2.959 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11

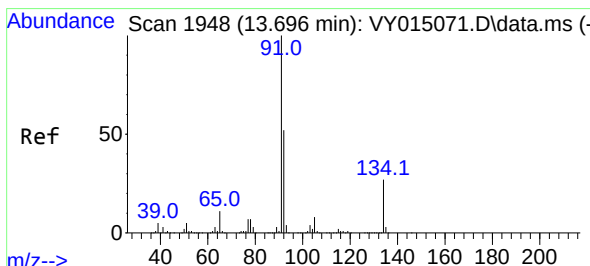
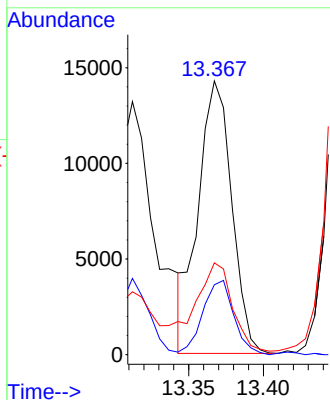
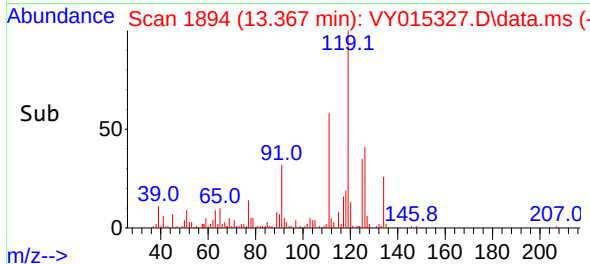
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(21.5-23)



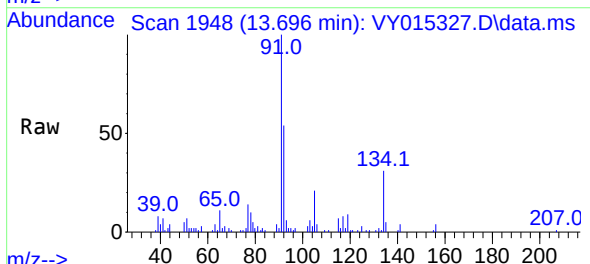
Tgt Ion: 119 Resp: 22260
Ion Ratio Lower Upper
119 100
134 25.1 13.3 39.8
91 35.8 12.4 37.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#89
n-Butylbenzene
Concen: 1.285 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015327.D
Acq: 24 Aug 2023 21:11



Tgt Ion: 91 Resp: 9111
Ion Ratio Lower Upper
91 100
92 64.1 25.4 76.0
134 0.0 12.6 37.6#

