

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015326.D
 Acq On : 24 Aug 2023 20:48
 Operator : SY/MD
 Sample : 04147-02
 Misc : 2.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03(27-29)

Manual Integrations
 APPROVED

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

Quant Time: Aug 25 03:27:04 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	171156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107109	52.132	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.260%			
35) Dibromofluoromethane	7.716	113	90156	48.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.720%			
50) Toluene-d8	10.179	98	333198	48.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.000%			
62) 4-Bromofluorobenzene	12.483	95	121330	48.357	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.720%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.192	76	14674	7.001	ug/l	98
20) Methylene Chloride	4.716	84	17832	7.400	ug/l #	85
67) Ethyl Benzene	11.593	91	56928	6.784	ug/l	94
68) m/p-Xylenes	11.703	106	10425	3.271	ug/l	97
69) o-Xylene	12.026	106	9318	2.935	ug/l	97
73) Isopropylbenzene	12.331	105	12050	1.402	ug/l	100
78) n-propylbenzene	12.666	91	11734	1.150	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	12718	1.775	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	91191	12.739	ug/l	99

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

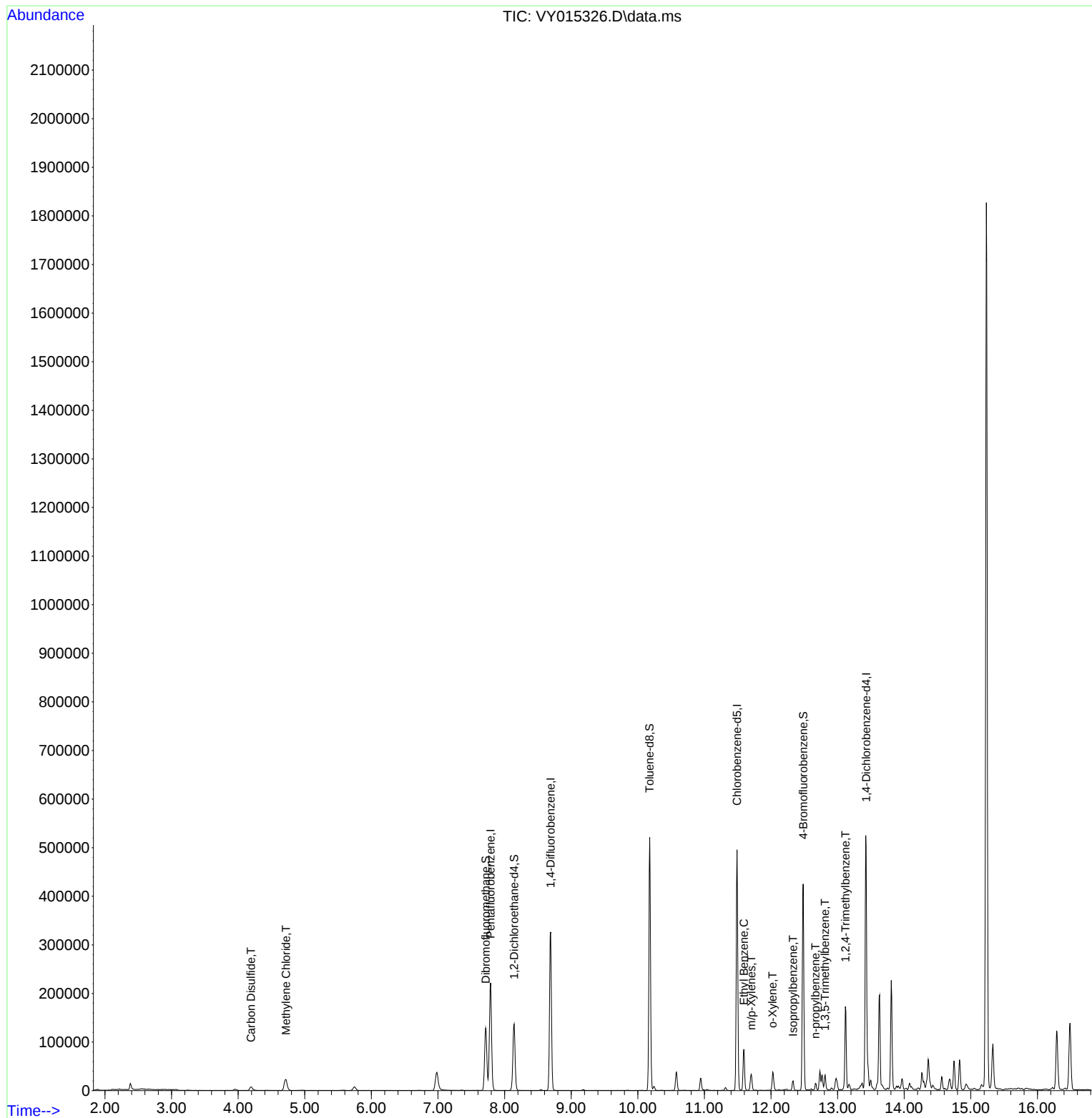
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015326.D
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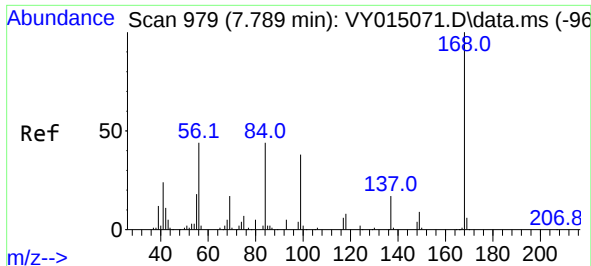
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Time: Aug 25 03:27:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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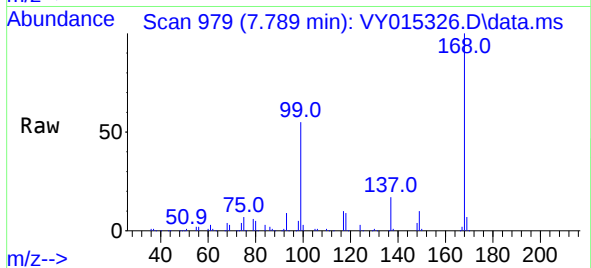
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

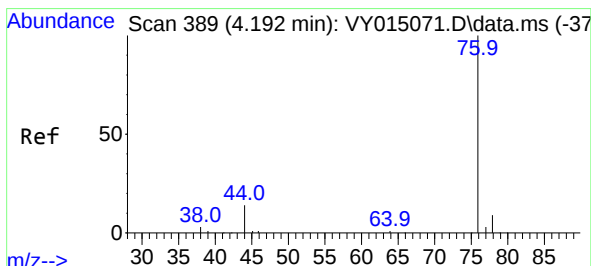
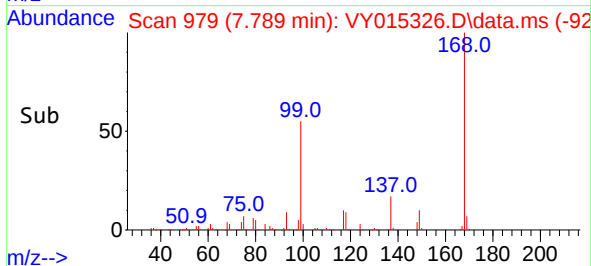
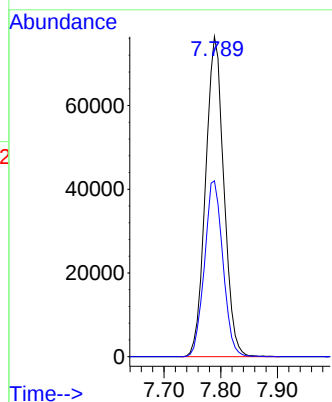
Instrument :
MSVOA_Y
ClientSampleId :
SB-03(27-29)



Tgt Ion:168 Resp: 171156
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

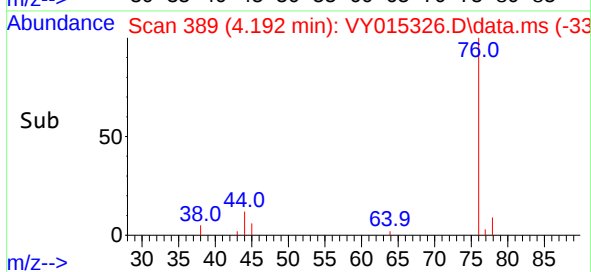
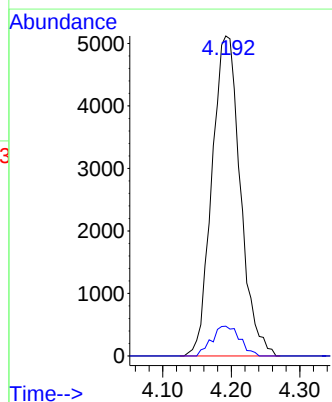
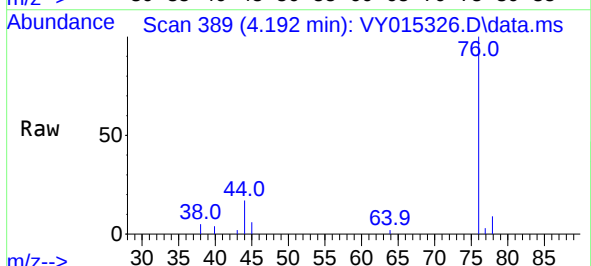
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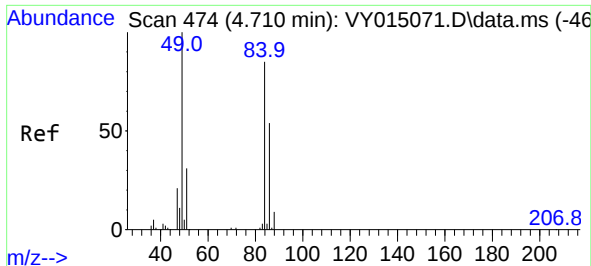
Reviewed By :Mahesh Dadoda 08/25/2023
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#17
Carbon Disulfide
Concen: 7.001 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

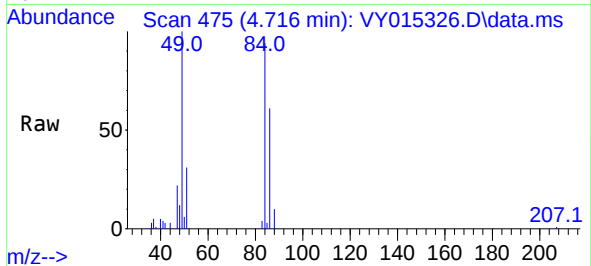
Tgt Ion: 76 Resp: 14674
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4





#20
Methylene Chloride
Concen: 7.400 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

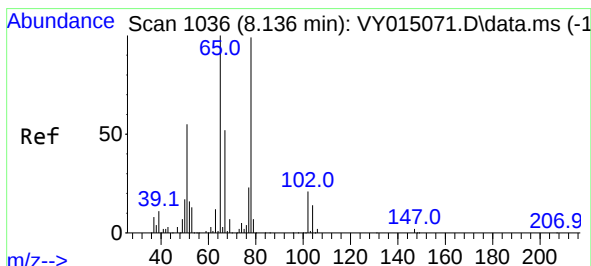
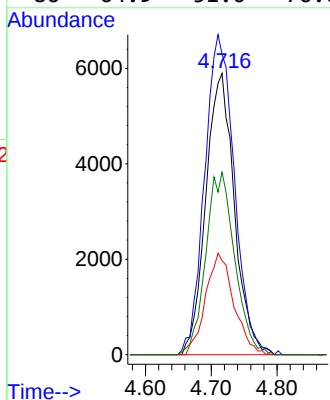
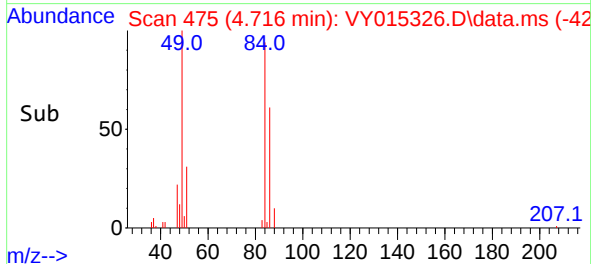
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SB-03(27-29)



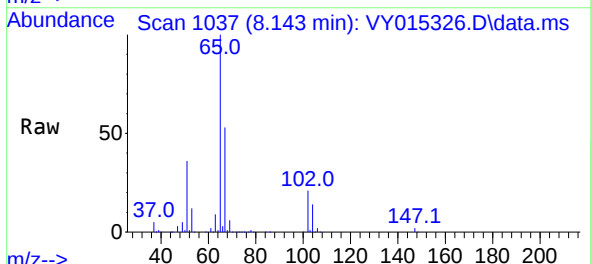
Tgt Ion: 84 Resp: 1783
Ion Ratio Lower Upper
84 100
49 106.8 106.9 160.3
51 33.5 33.2 49.8
86 64.9 51.0 76.6

Manual Integrations
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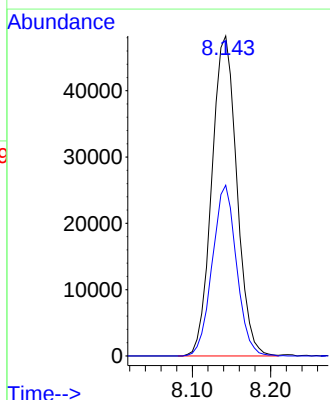
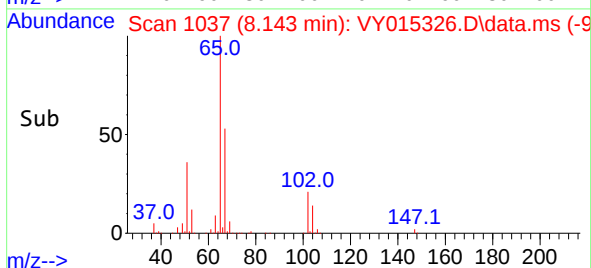
Reviewed By :Mahesh Dadoda 08/25/2023
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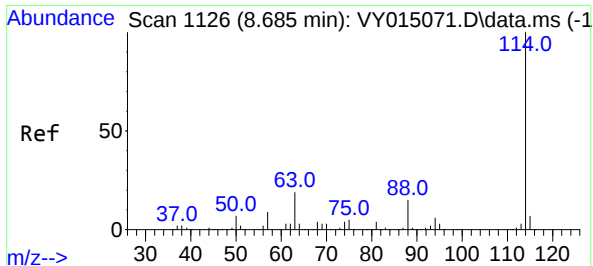


#33
1,2-Dichloroethane-d4
Concen: 52.132 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48



Tgt Ion: 65 Resp: 107109
Ion Ratio Lower Upper
65 100
67 51.7 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: VY015326.D

Acq: 24 Aug 2023 20:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-03(27-29)

Tgt Ion:114 Resp: 286839

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

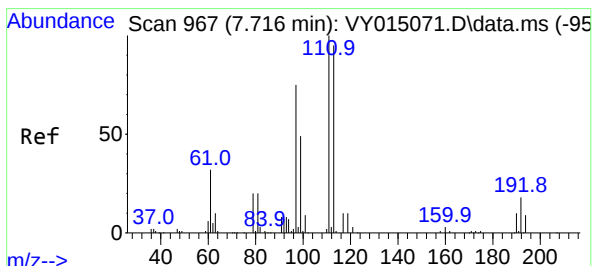
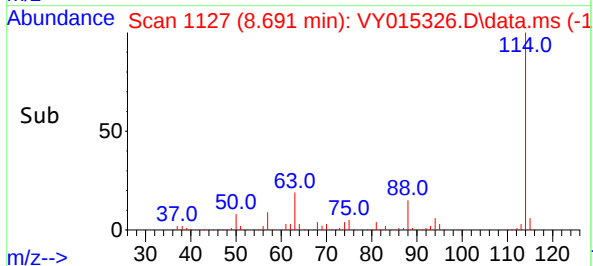
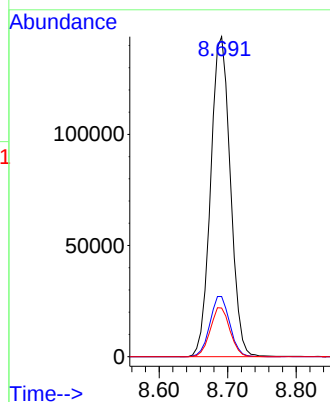
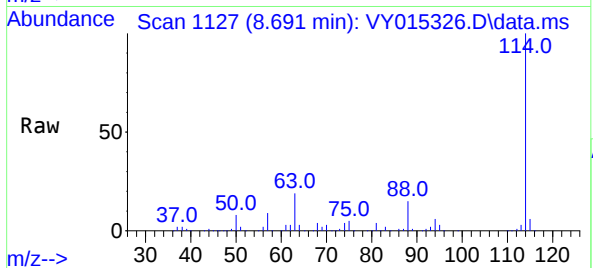
88 15.2 0.0 30.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 48.856 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015326.D

Acq: 24 Aug 2023 20:48

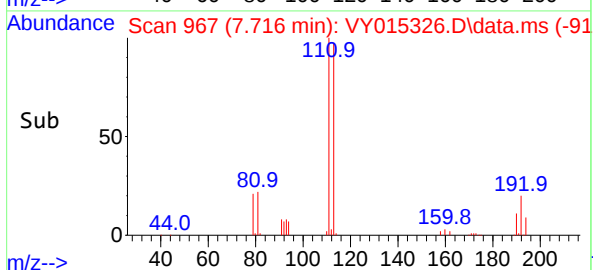
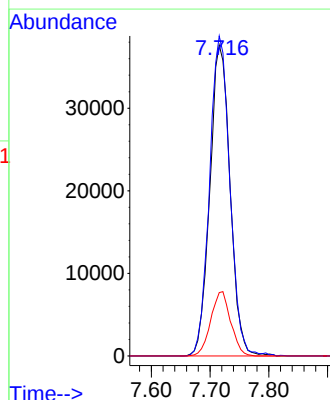
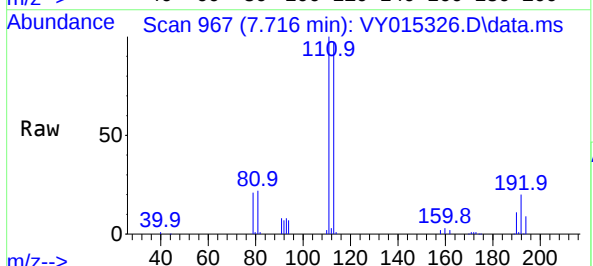
Tgt Ion:113 Resp: 90156

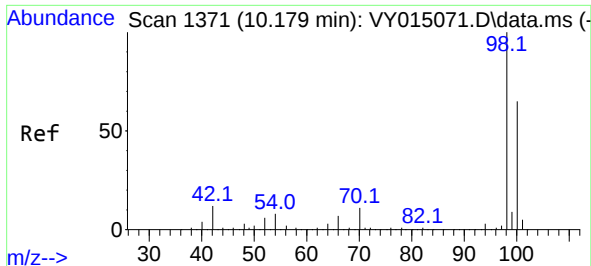
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

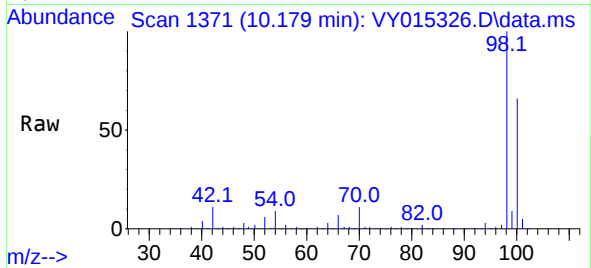
192 20.4 16.9 25.3





#50
Toluene-d8
Concen: 48.505 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

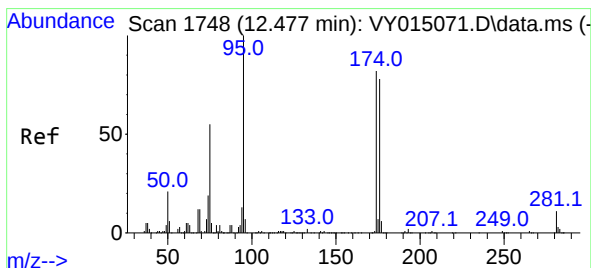
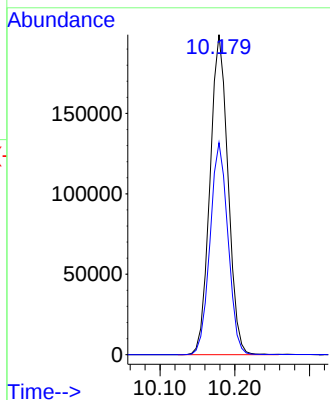
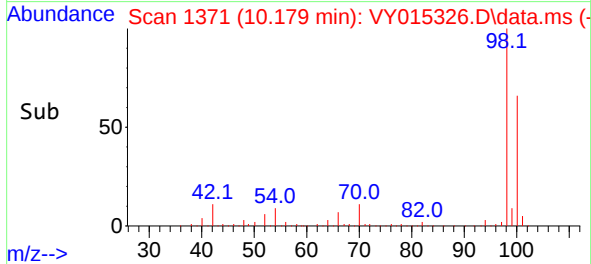
Instrument :
MSVOA_Y
ClientSampleId :
SB-03(27-29)



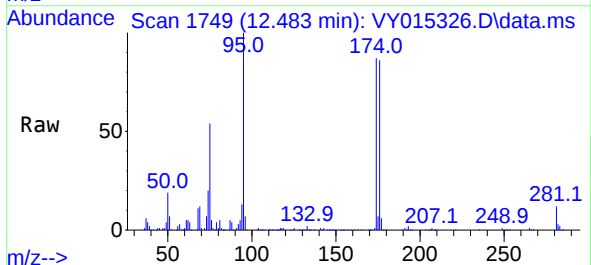
Tgt Ion: 98 Resp: 333198
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

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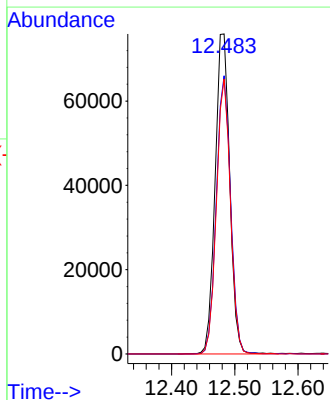
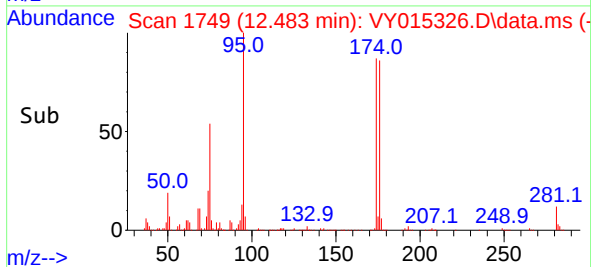
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

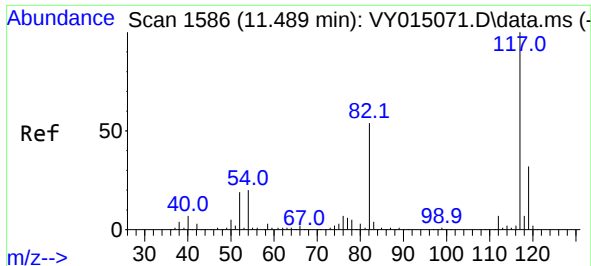


#62
4-Bromofluorobenzene
Concen: 48.357 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48



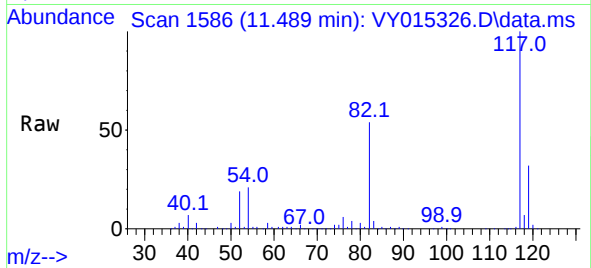
Tgt Ion: 95 Resp: 121330
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

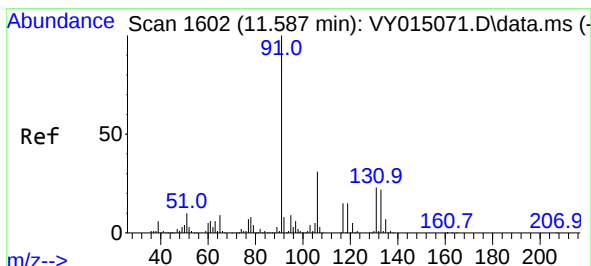
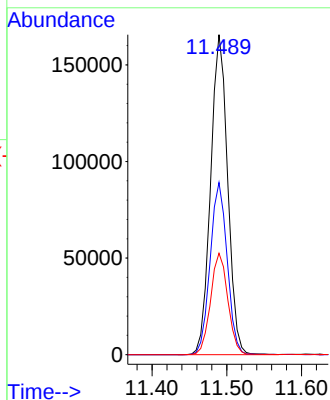
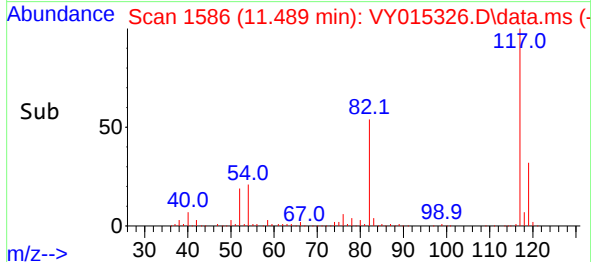
Instrument :
MSVOA_Y
ClientSampleId :
SB-03(27-29)



Tgt Ion:117 Resp: 262880
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.7 26.3 39.5

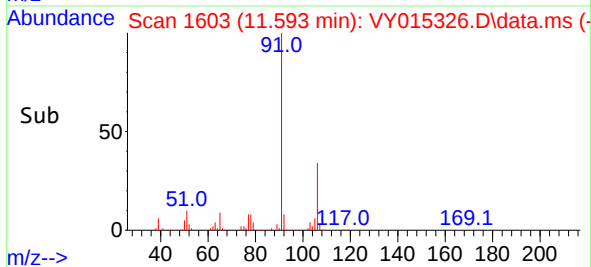
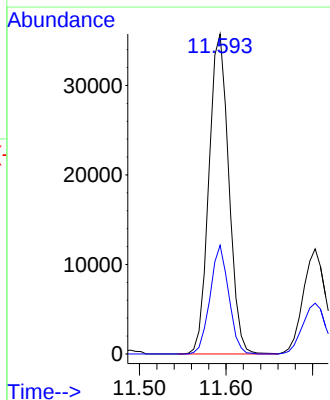
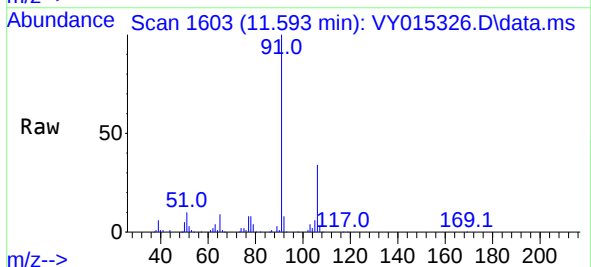
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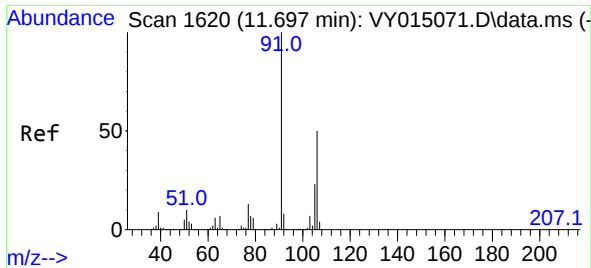
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#67
Ethyl Benzene
Concen: 6.784 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

Tgt Ion: 91 Resp: 56928
Ion Ratio Lower Upper
91 100
106 33.9 24.6 36.8





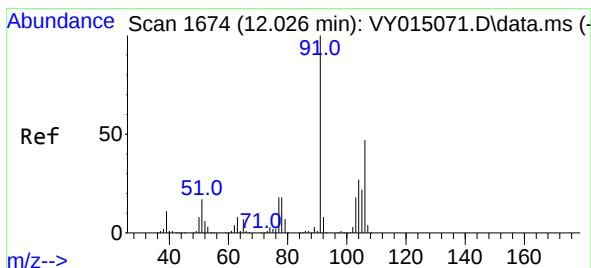
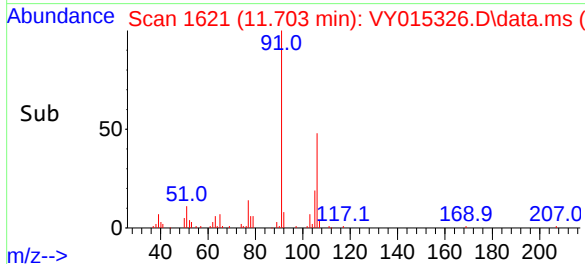
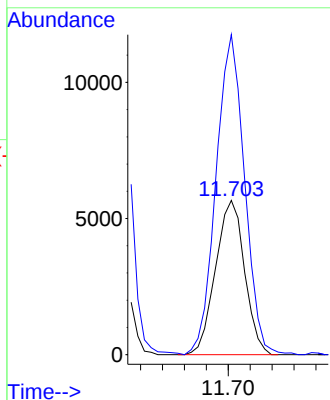
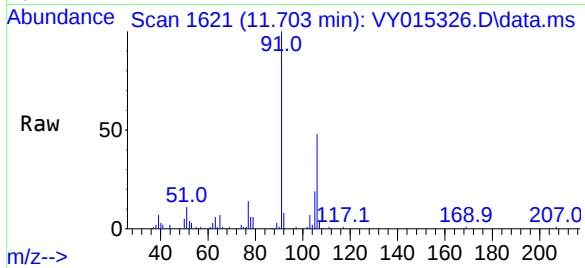
#68
m/p-Xylenes
Concen: 3.271 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-03(27-29)

Tgt Ion:106 Resp: 10425
Ion Ratio Lower Upper
106 100
91 203.6 166.1 249.1

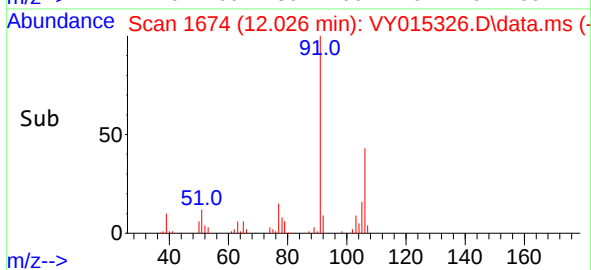
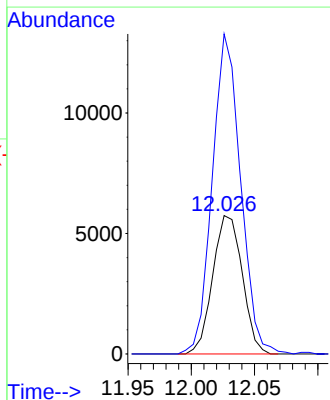
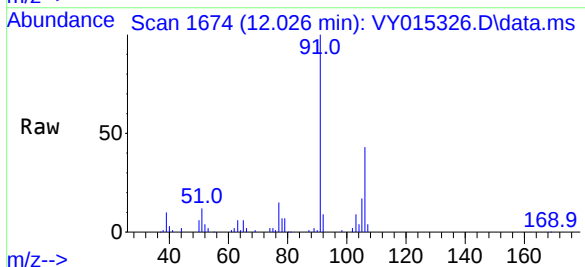
Manual Integrations
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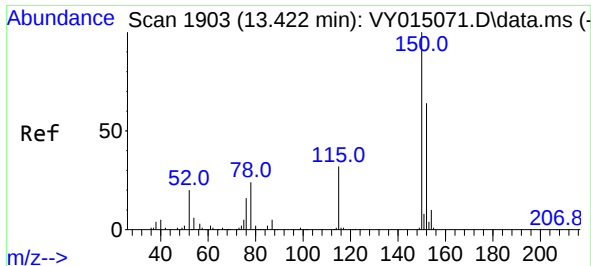
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#69
o-Xylene
Concen: 2.935 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

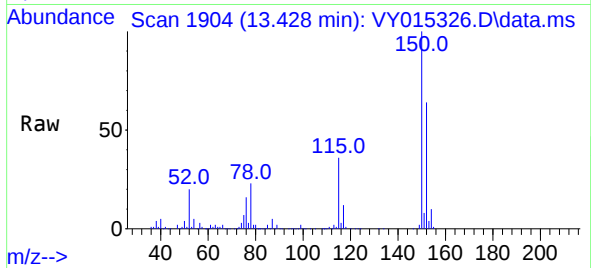
Tgt Ion:106 Resp: 9318
Ion Ratio Lower Upper
106 100
91 221.6 108.1 324.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

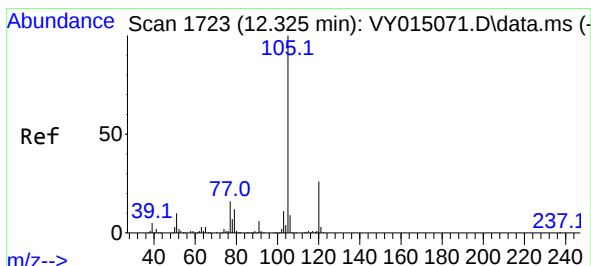
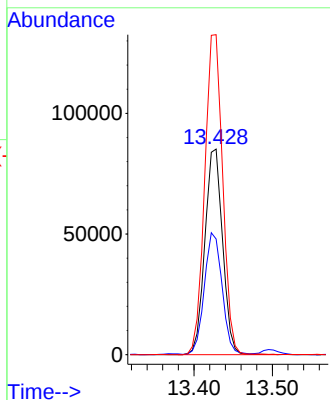
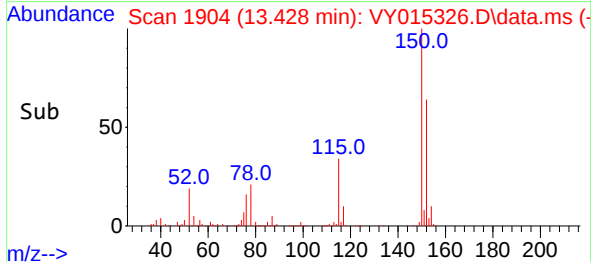
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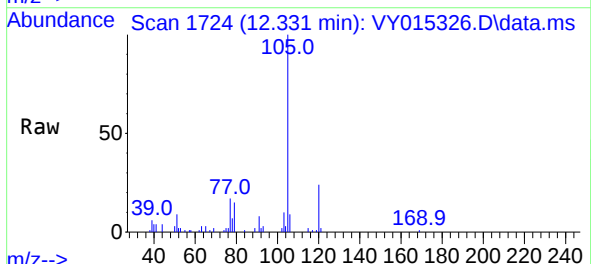
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Ion Ratio Lower Upper
152 100
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150 157.7 0.0 348.8

Manual Integrations
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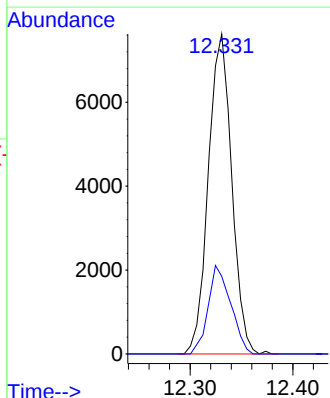
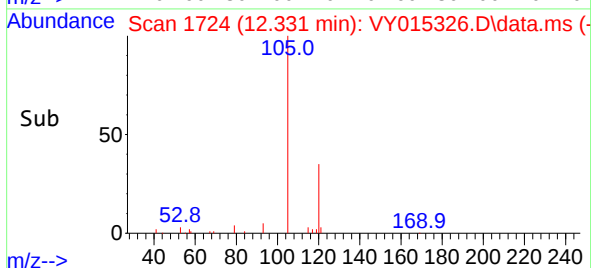
Reviewed By :Mahesh Dadoda 08/25/2023
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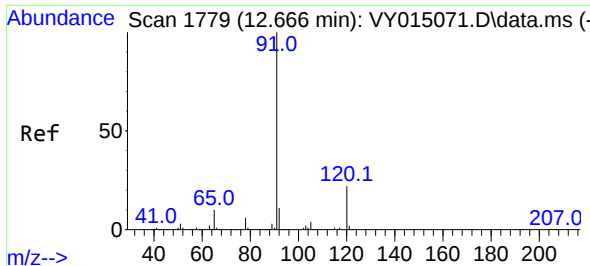


#73
Isopropylbenzene
Concen: 1.402 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48



Tgt Ion:105 Resp: 12050
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9





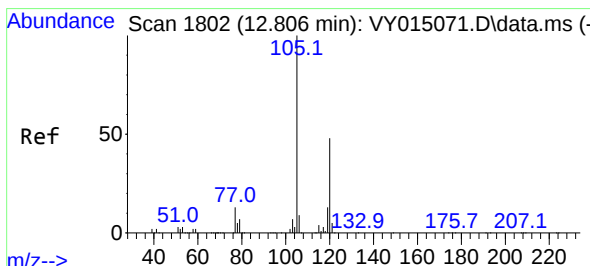
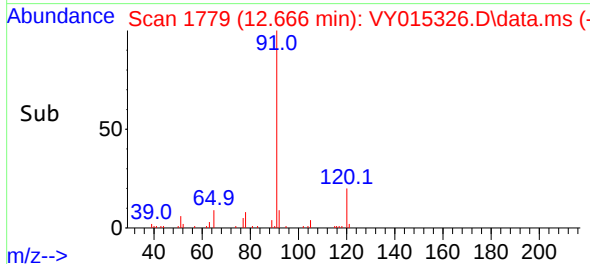
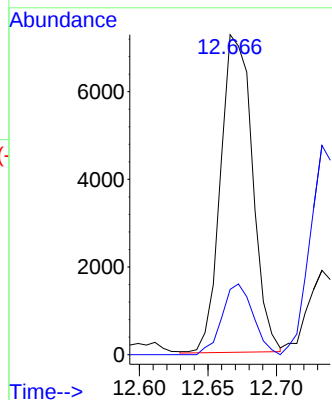
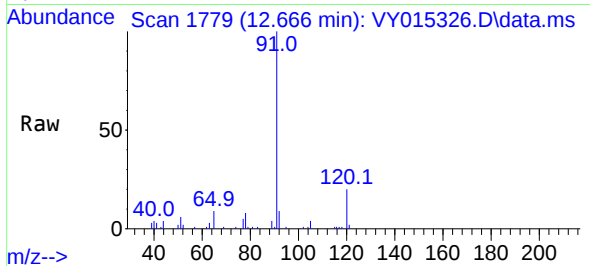
#78
n-propylbenzene
Concen: 1.150 ug/l
RT: 12.666 min Scan# 11734
Delta R.T. 0.000 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-03(27-29)

Tgt Ion: 91 Resp: 11734
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4

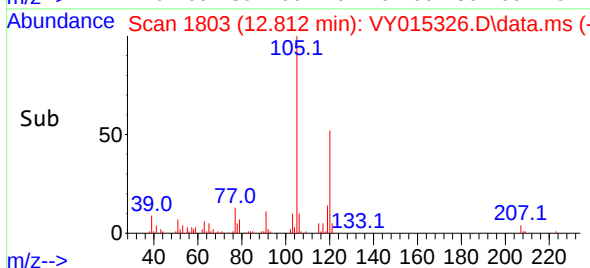
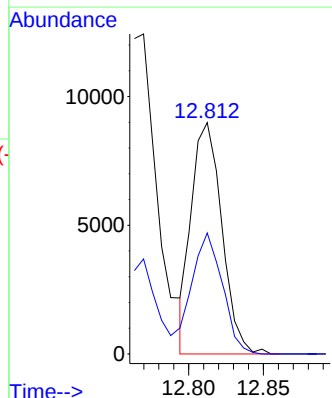
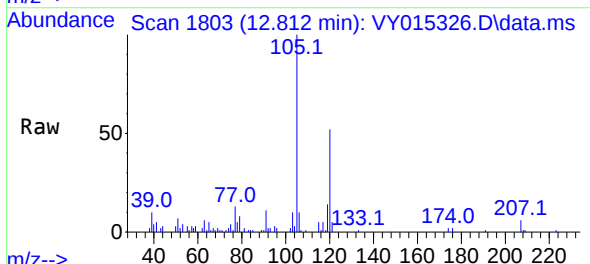
Manual Integrations
APPROVED

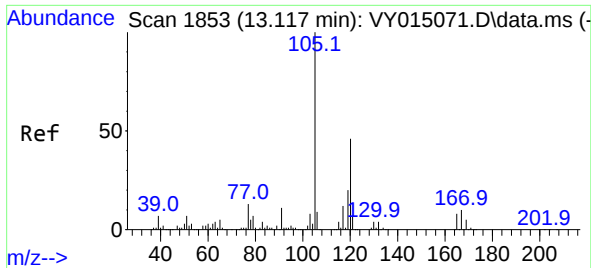
Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 1.775 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015326.D
Acq: 24 Aug 2023 20:48

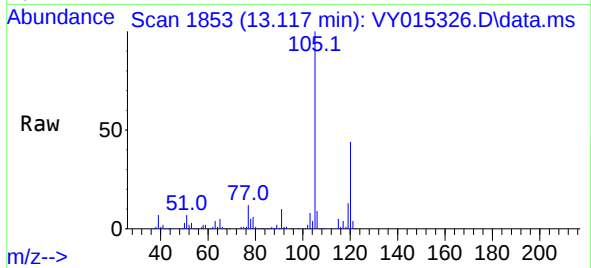
Tgt Ion:105 Resp: 12718
Ion Ratio Lower Upper
105 100
120 53.7 23.9 71.7





#84
 1,2,4-Trimethylbenzene
 Concen: 12.739 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015326.D
 Acq: 24 Aug 2023 20:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03(27-29)



Tgt Ion:105 Resp: 9119
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.2 66.6

Manual Integrations
 APPROVED

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

