

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017533.D
 Acq On : 29 Feb 2024 17:17
 Operator : SY/MD
 Sample : P1621-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-022824-A

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2024
 Supervised By :Mahesh Dadoda 03/01/2024

Quant Time: Mar 01 00:32:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	79747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	134236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	114898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	43902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	36178	47.868	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.740%		
35) Dibromofluoromethane	7.722	113	43288	46.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.560%		
50) Toluene-d8	10.185	98	152860	46.739	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.480%		
62) 4-Bromofluorobenzene	12.489	95	40525	39.428	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.860%		
Target Compounds					Qvalue	
16) Acetone	3.954	43	2352	16.045	ug/l	90
20) Methylene Chloride	4.722	84	16947	15.946	ug/l	98
68) m/p-Xylenes	11.709	106	2832	1.685	ug/l	98
69) o-Xylene	12.032	106	2651	1.700	ug/l	94
78) n-propylbenzene	12.672	91	5339	1.364	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	8711	3.334	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	20849	8.082	ug/l	98
89) n-Butylbenzene	13.702	91	5389m	2.057	ug/l	

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

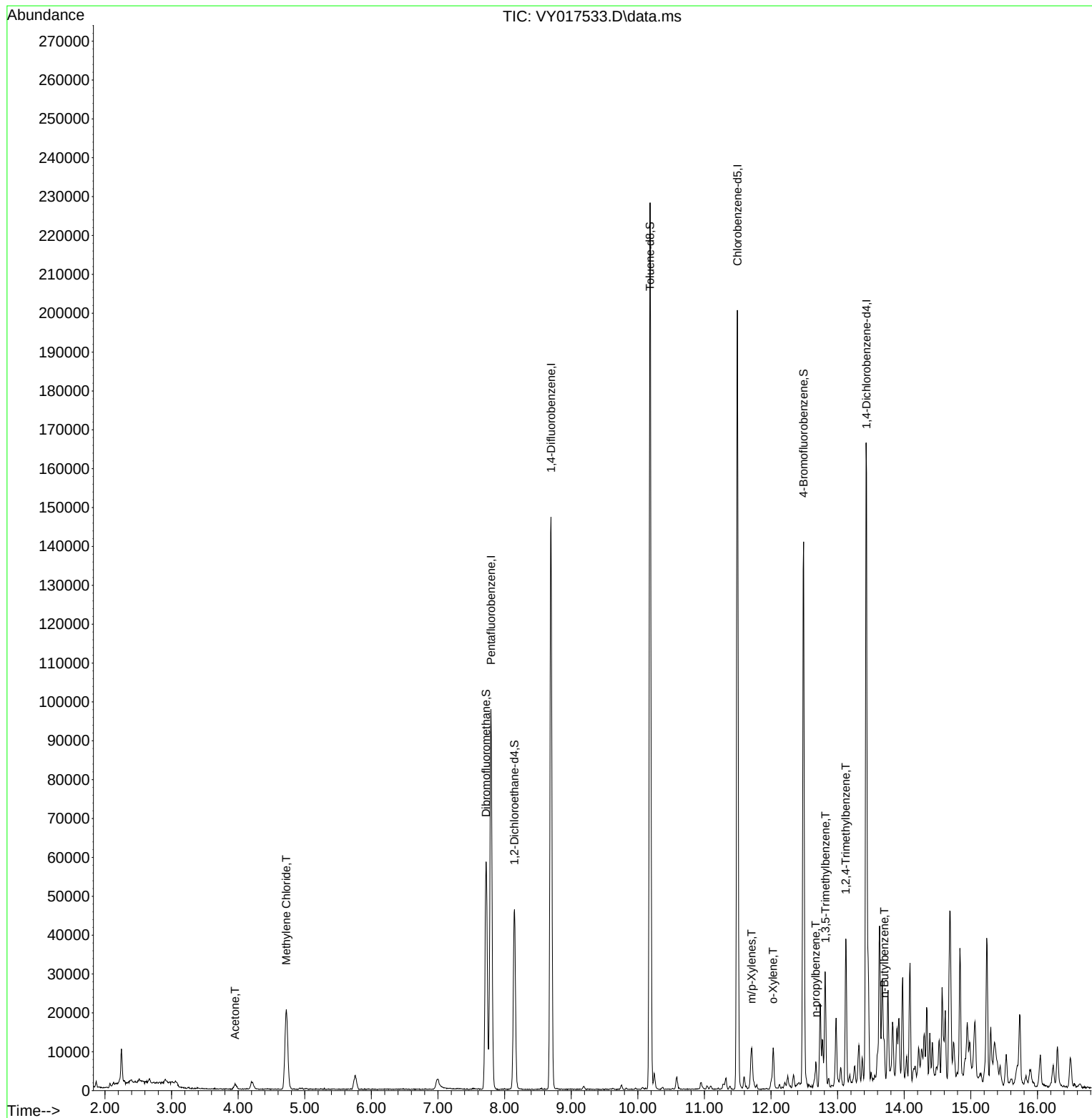
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
Data File : VY017533.D
Acq On : 29 Feb 2024 17:17
Operator : SY/MD
Sample : P1621-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

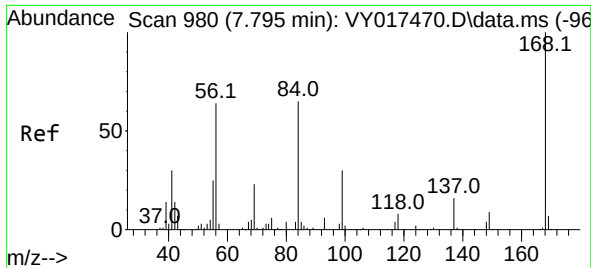
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A

Quant Time: Mar 01 00:32:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

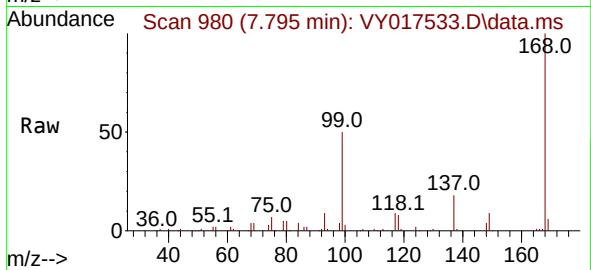
Reviewed By : Semsettin Yesilyurt 03/01/2024
Supervised By : Mahesh Dadoda 03/01/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

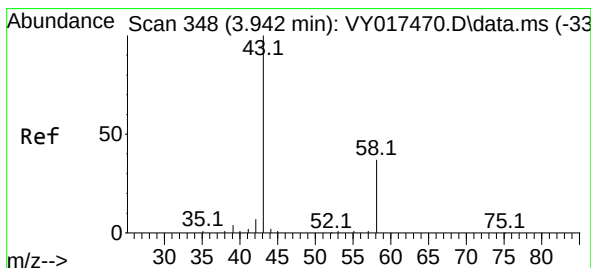
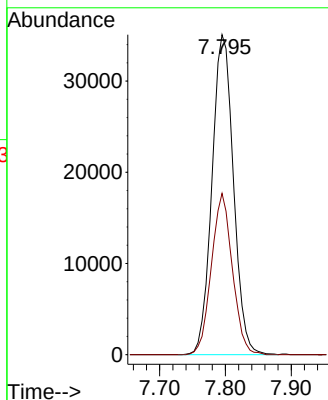
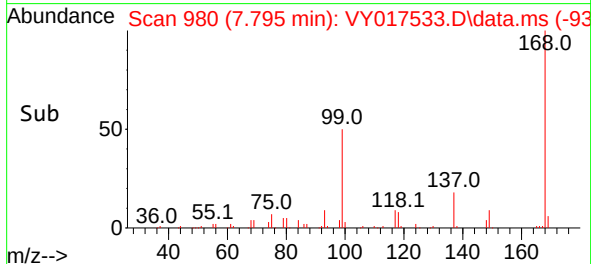
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A



Tgt Ion:168 Resp: 7974
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7

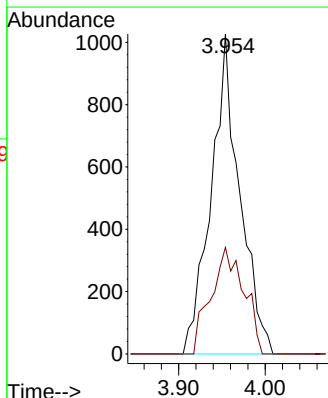
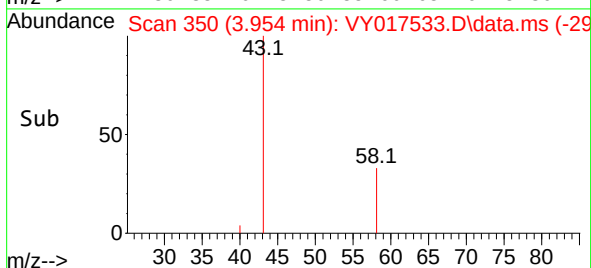
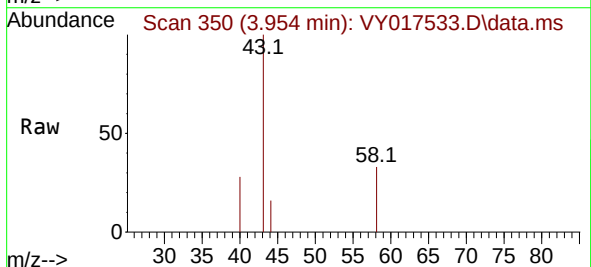
Manual Integrations
APPROVED

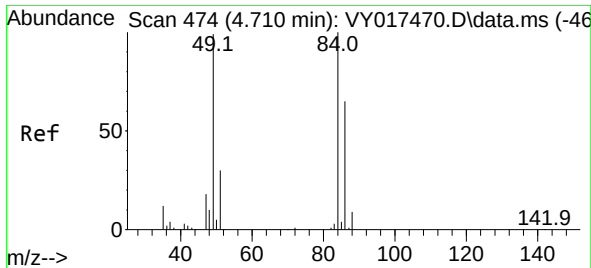
Reviewed By :Semsettin Yesilyurt 03/01/2024
Supervised By :Mahesh Dadoda 03/01/2024



#16
Acetone
Concen: 16.045 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

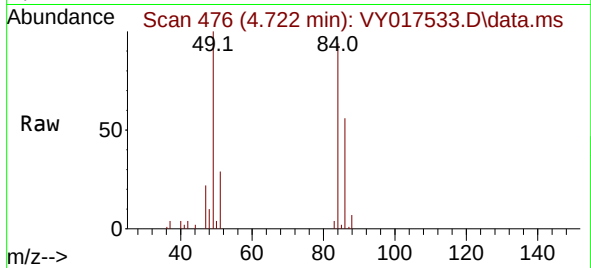
Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
58 33.3 31.7 47.5





#20
Methylene Chloride
Concen: 15.946 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

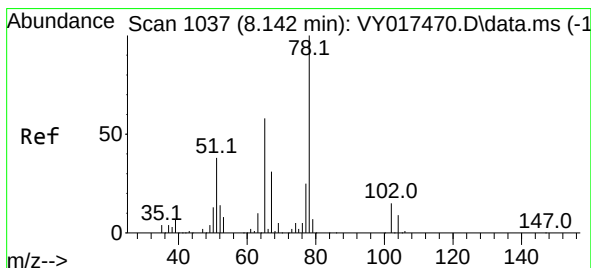
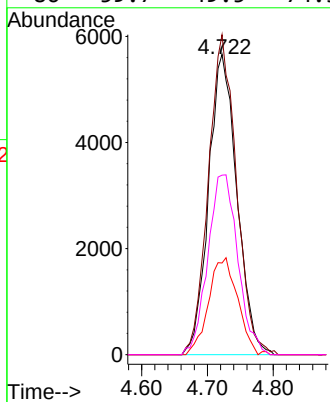
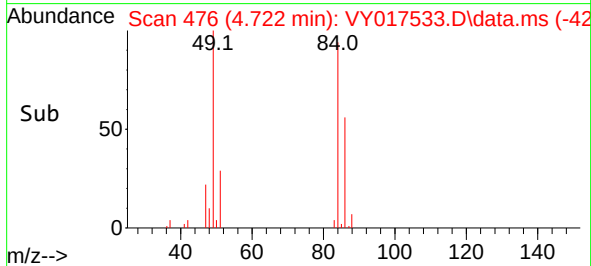
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A



Tgt Ion: 84 Resp: 1694
Ion Ratio Lower Upper
84 100
49 106.5 84.4 126.6
51 30.5 26.0 39.0
86 59.7 49.5 74.3

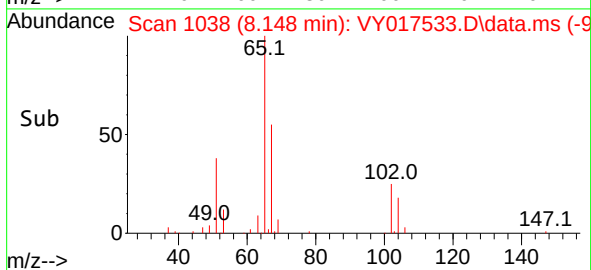
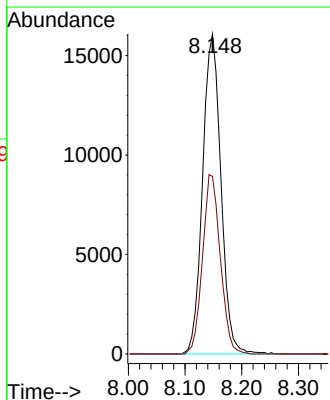
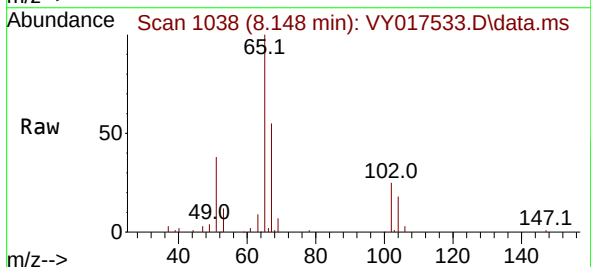
Manual Integrations
APPROVED

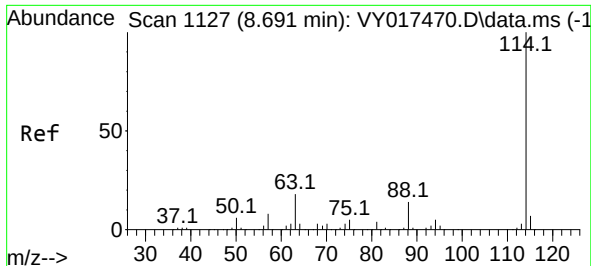
Reviewed By :Semsettin Yesilyurt 03/01/2024
Supervised By :Mahesh Dadoda 03/01/2024



#33
1,2-Dichloroethane-d4
Concen: 47.868 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

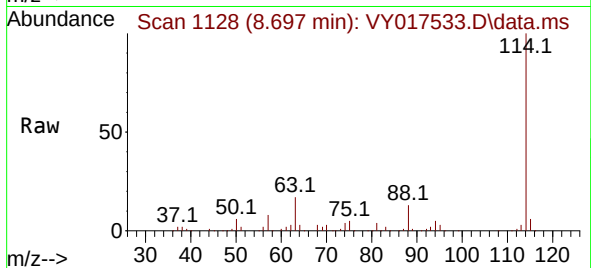
Tgt Ion: 65 Resp: 36178
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

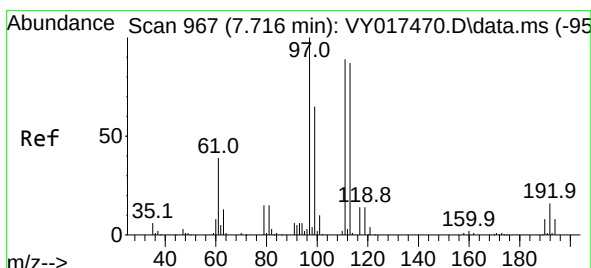
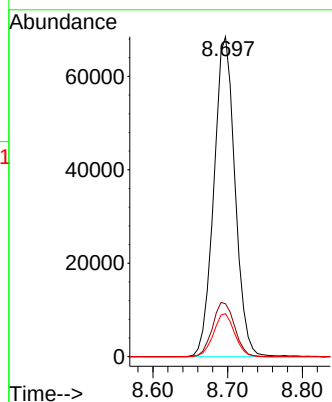
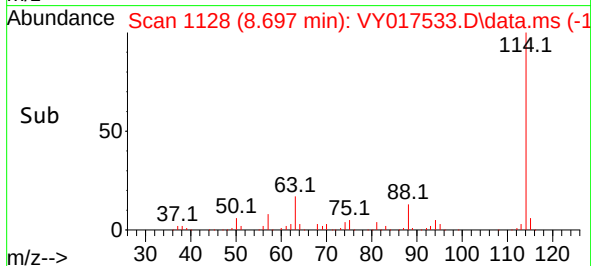
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A



Tgt Ion:114 Resp: 134230
Ion Ratio Lower Upper
114 100
63 16.5 0.0 35.0
88 13.5 0.0 27.2

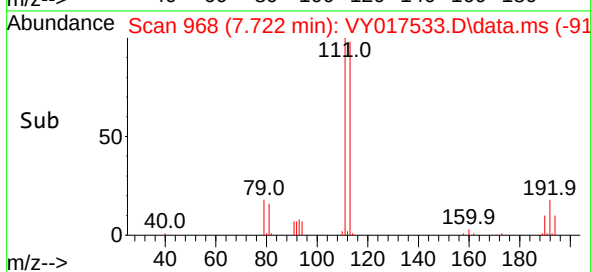
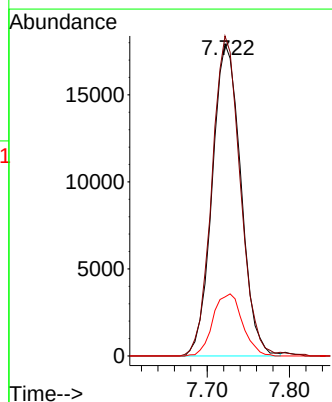
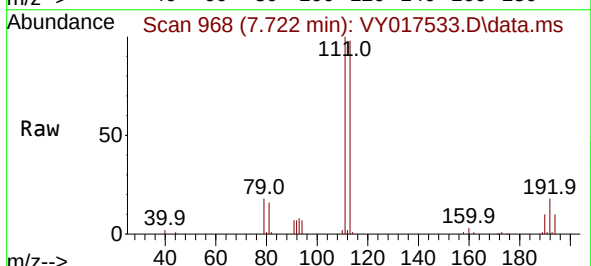
Manual Integrations
APPROVED

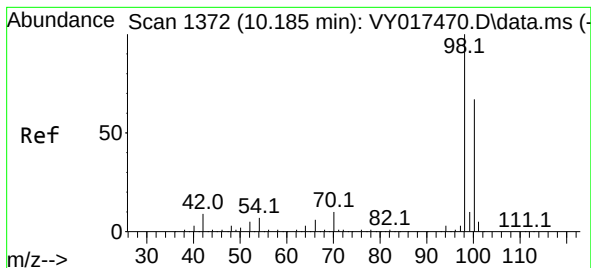
Reviewed By :Semsettin Yesilyurt 03/01/2024
Supervised By :Mahesh Dadoda 03/01/2024



#35
Dibromofluoromethane
Concen: 46.278 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

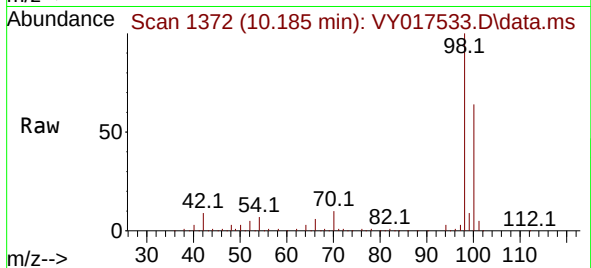
Tgt Ion:113 Resp: 43288
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.5 15.9 23.9





#50
Toluene-d8
Concen: 46.739 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

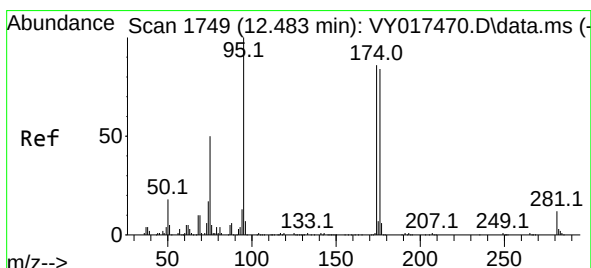
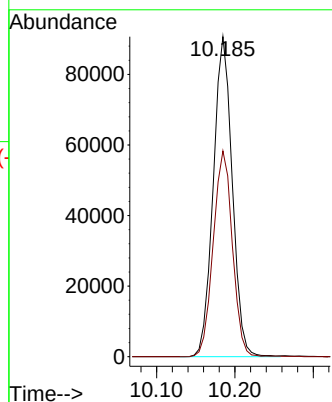
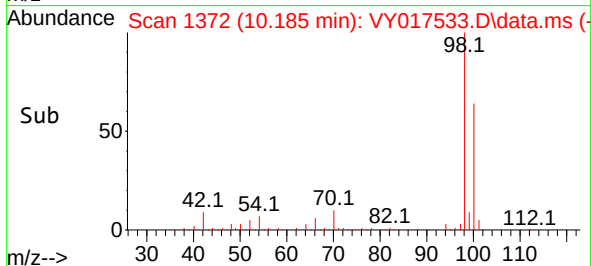
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A



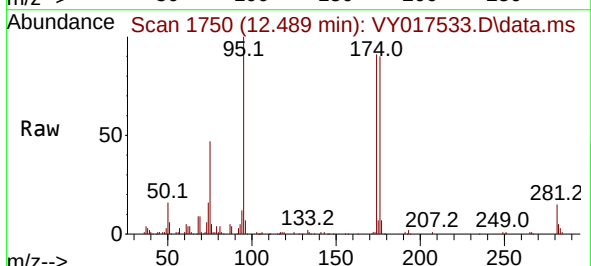
Tgt Ion: 98 Resp: 152860
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

Manual Integrations
APPROVED

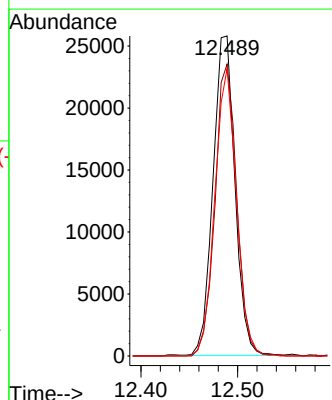
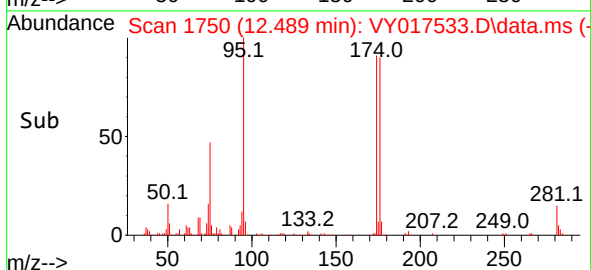
Reviewed By :Semsettin Yesilyurt 03/01/2024
Supervised By :Mahesh Dadoda 03/01/2024

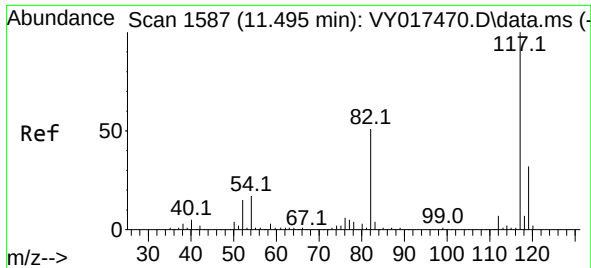


#62
4-Bromofluorobenzene
Concen: 39.428 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17



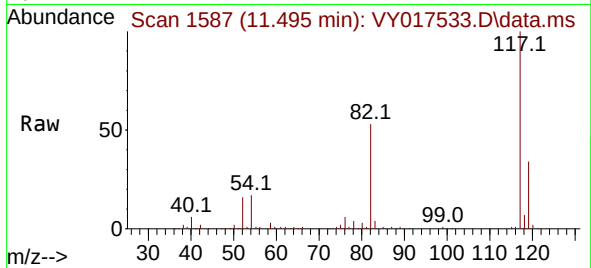
Tgt Ion: 95 Resp: 40525
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 88.9 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11489
Delta R.T. -0.000 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

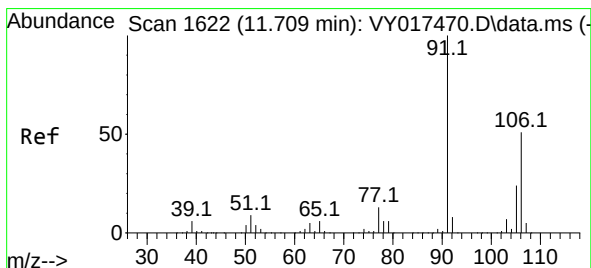
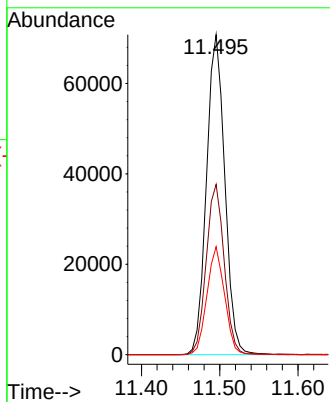
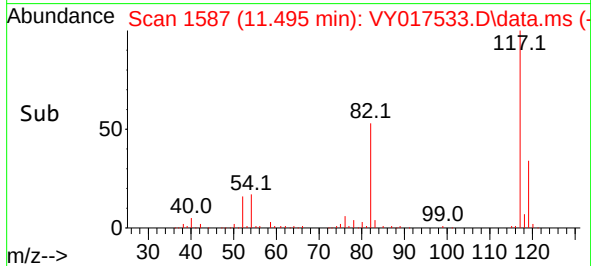
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A



Tgt Ion:117 Resp: 11489
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 33.8 25.9 38.9

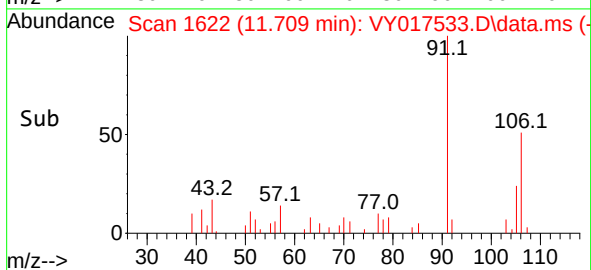
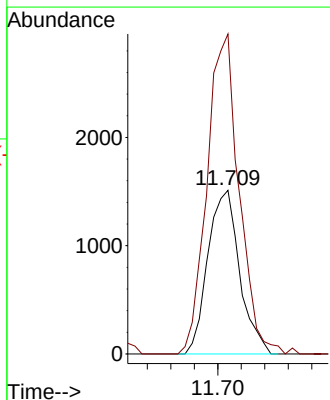
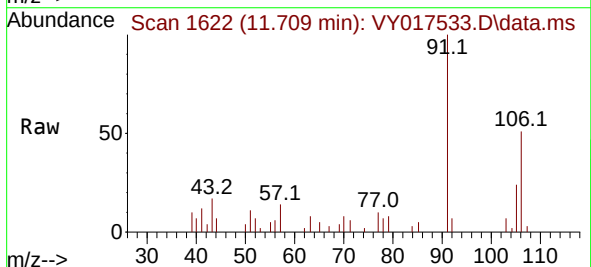
Manual Integrations
APPROVED

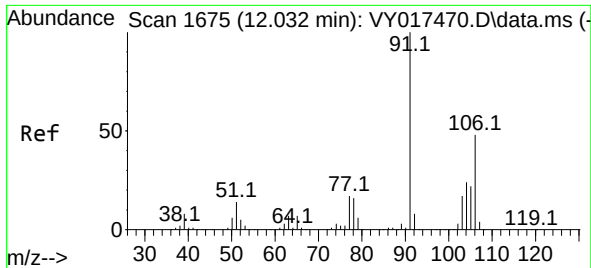
Reviewed By :Semsettin Yesilyurt 03/01/2024
Supervised By :Mahesh Dadoda 03/01/2024



#68
m/p-Xylenes
Concen: 1.685 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

Tgt Ion:106 Resp: 2832
Ion Ratio Lower Upper
106 100
91 198.4 156.0 234.0





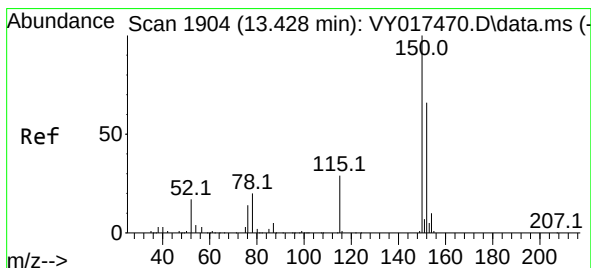
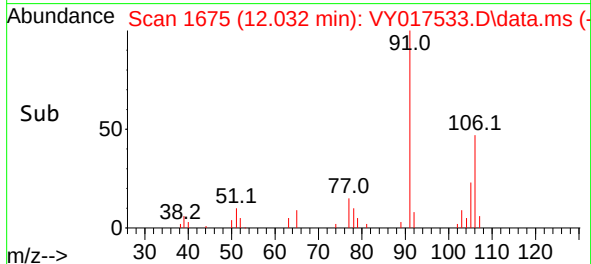
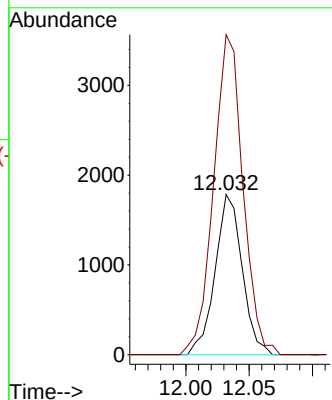
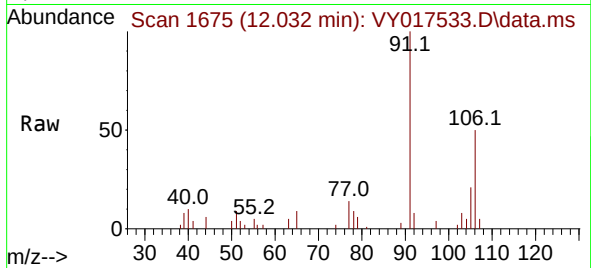
#69
o-Xylene
Concen: 1.700 ug/l
RT: 12.032 min Scan# 106
Delta R.T. -0.000 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A

Tgt Ion:106 Resp: 265
Ion Ratio Lower Upper
106 100
91 216.7 103.6 310.8

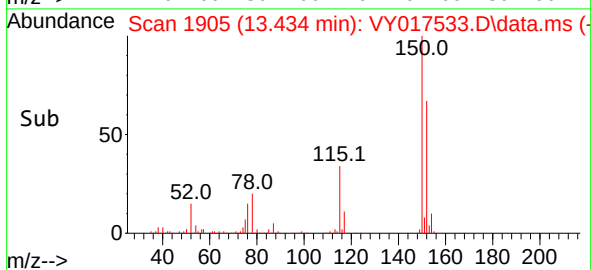
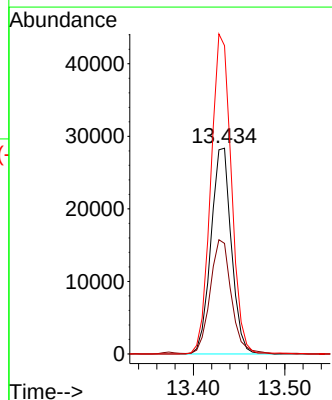
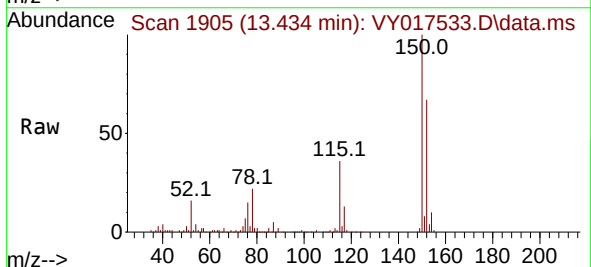
Manual Integrations
APPROVED

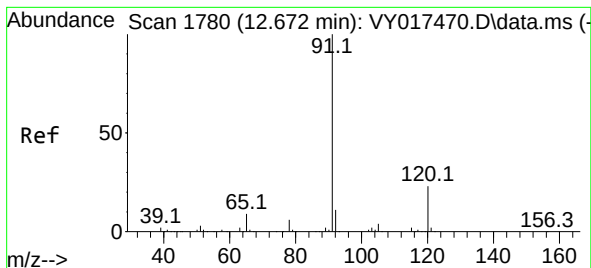
Reviewed By :Semsettin Yesilyurt 03/01/2024
Supervised By :Mahesh Dadoda 03/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017533.D
Acq: 29 Feb 2024 17:17

Tgt Ion:152 Resp: 43902
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.4 0.0 345.6





#78

n-propylbenzene

Concen: 1.364 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY017533.D

Acq: 29 Feb 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022824-A

Tgt Ion: 91 Resp: 5339

Ion Ratio Lower Upper

91 100

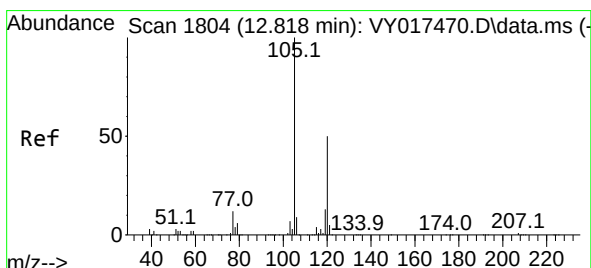
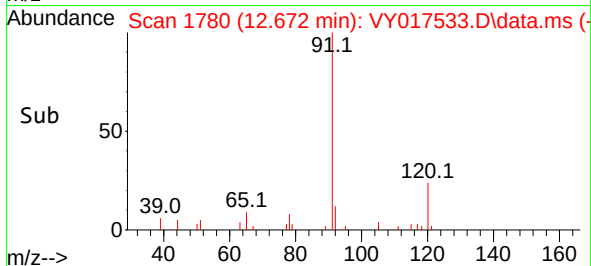
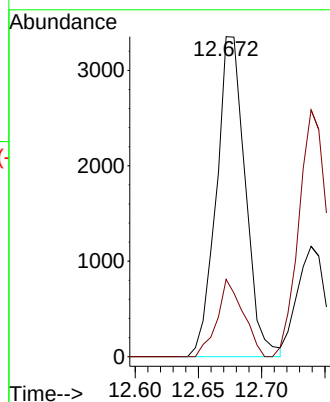
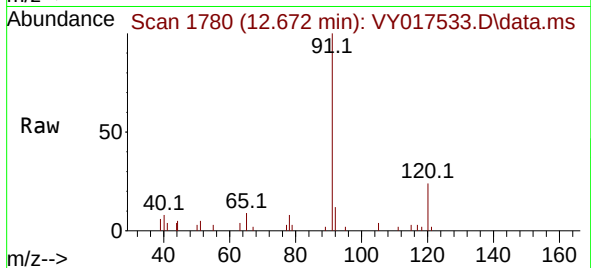
120 21.7 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2024

Supervised By :Mahesh Dadoda 03/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 3.334 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY017533.D

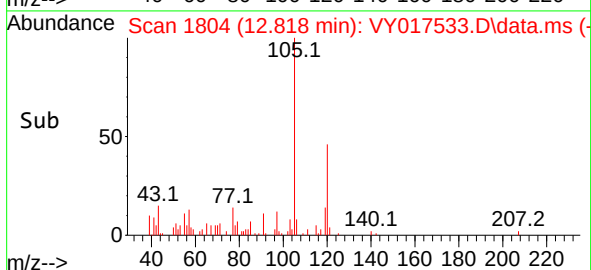
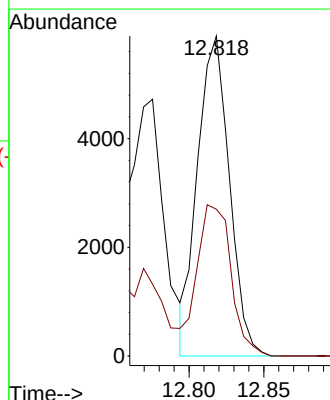
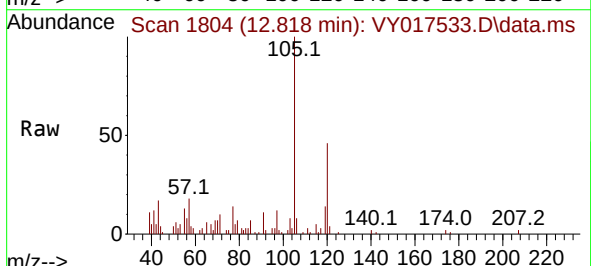
Acq: 29 Feb 2024 17:17

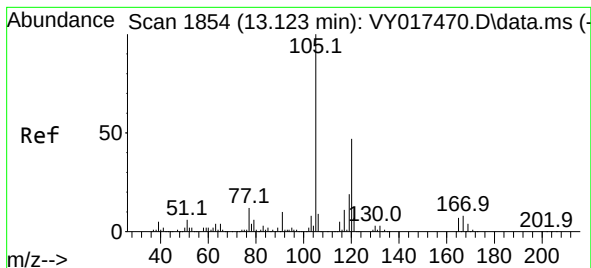
Tgt Ion:105 Resp: 8711

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 8.082 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY017533.D

Acq: 29 Feb 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :

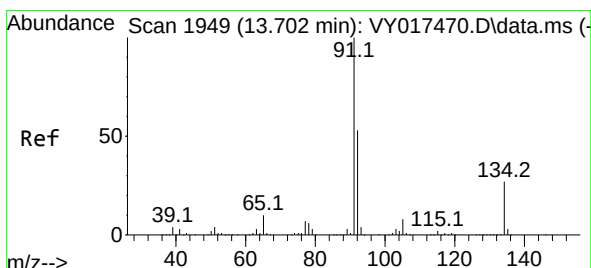
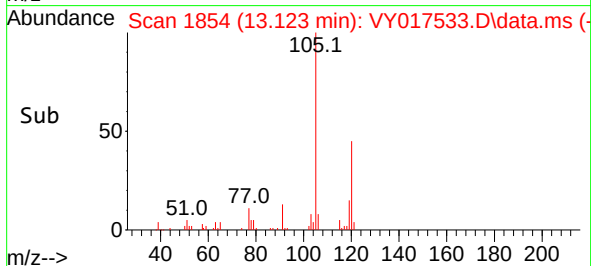
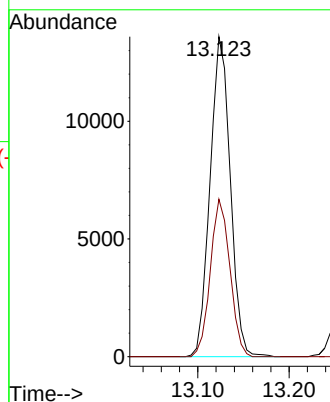
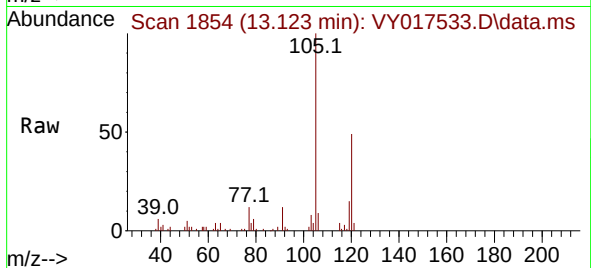
EO-01-022824-A

Tgt Ion:105 Resp: 20849
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.2 69.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2024
 Supervised By :Mahesh Dadoda 03/01/2024



#89

n-Butylbenzene

Concen: 2.057 ug/l m

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY017533.D

Acq: 29 Feb 2024 17:17

Tgt Ion: 91 Resp: 5389
 Ion Ratio Lower Upper
 91 100
 92 49.7 26.6 79.7
 134 0.0 12.9 38.7#

