

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017315.D
 Acq On : 08 Feb 2024 16:10
 Operator : SY/MD
 Sample : P1387-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-020724

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/09/2024
 Supervised By :Semsettin Yesilyurt 02/09/2024

Quant Time: Feb 09 00:13:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	36204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	55350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	14538	44.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.900%		
35) Dibromofluoromethane	7.716	113	15321	44.610	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.220%		
50) Toluene-d8	10.185	98	64483	51.568	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.140%		
62) 4-Bromofluorobenzene	12.489	95	14851	36.255	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	72.520%		
Target Compounds					Qvalue	
16) Acetone	3.942	43	1146m	12.056	ug/l	
39) Methylcyclohexane	9.185	83	5757	8.318	ug/l #	81
52) Toluene	10.246	92	8256	8.085	ug/l	92
67) Ethyl Benzene	11.599	91	7945	4.117	ug/l	95
68) m/p-Xylenes	11.703	106	42708	58.319	ug/l	97
69) o-Xylene	12.032	106	24391	36.167	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	5166	4.752	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	8562	7.979	ug/l	100

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

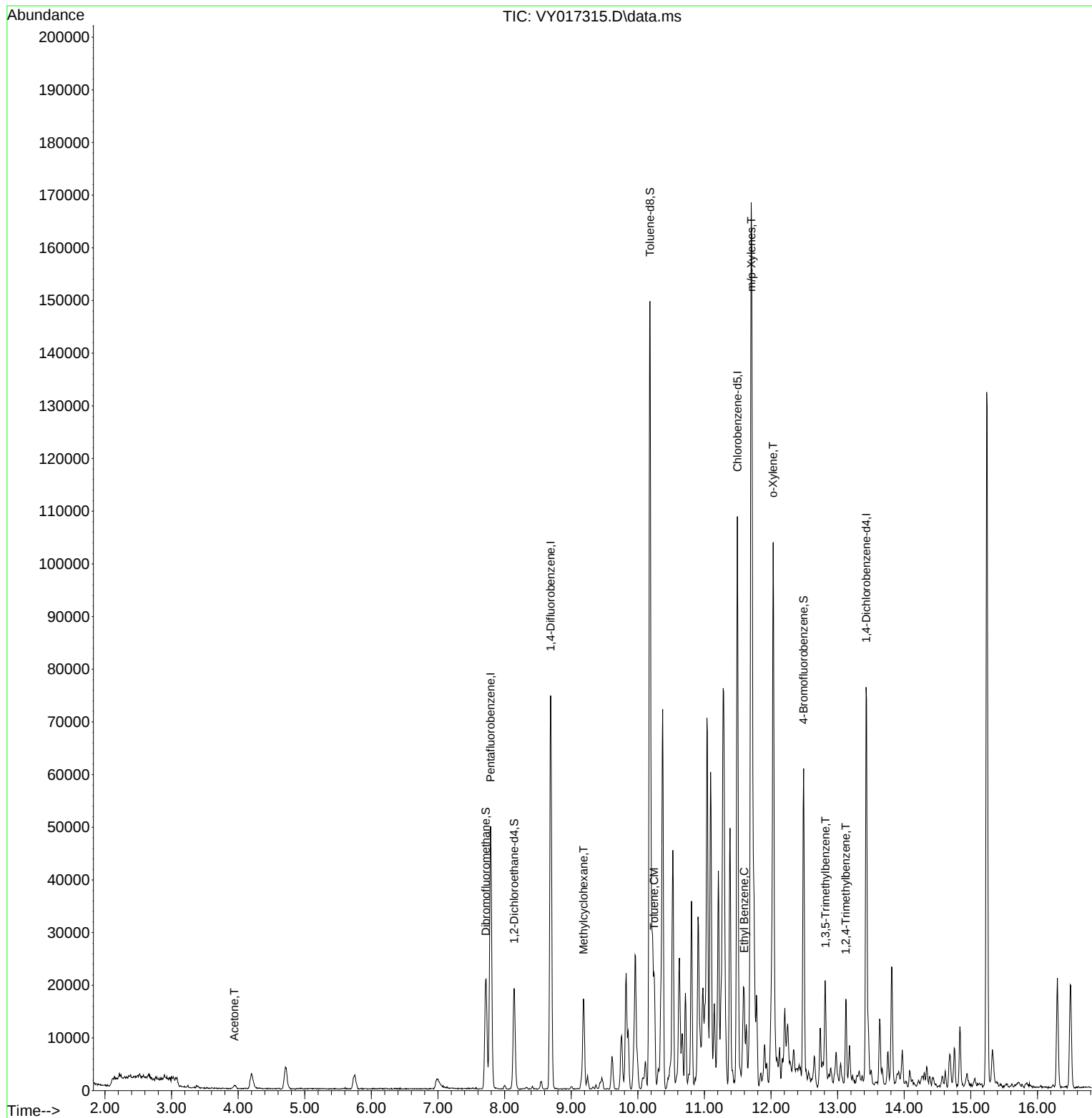
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017315.D
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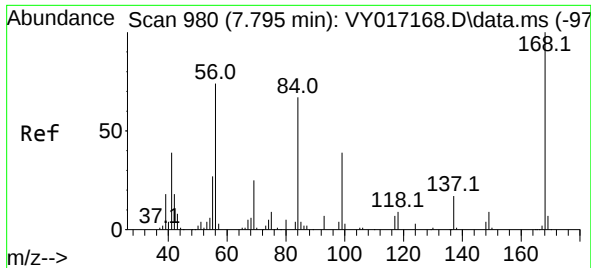
Instrument :
MSVOA_Y
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HD-01-020724

Quant Time: Feb 09 00:13:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

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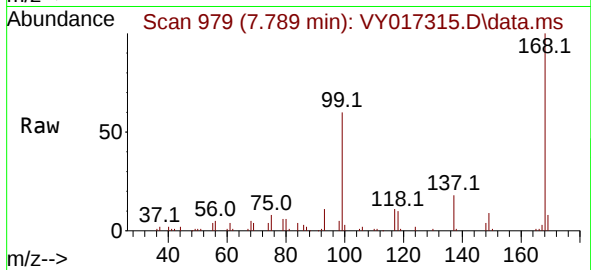
Reviewed By : Mahesh Dadoda 02/09/2024
Supervised By : Semsettin Yesilyurt 02/09/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

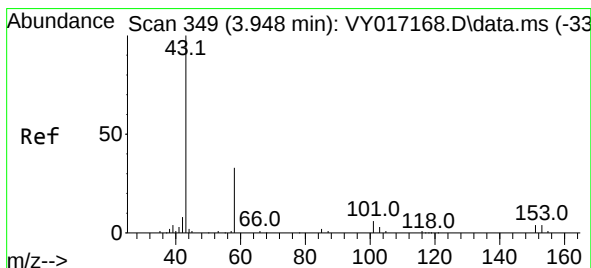
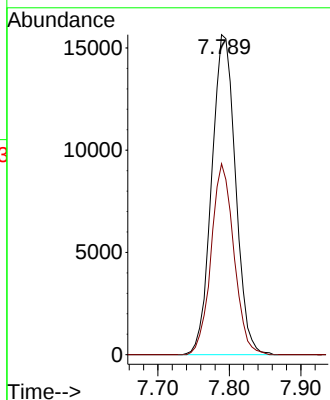
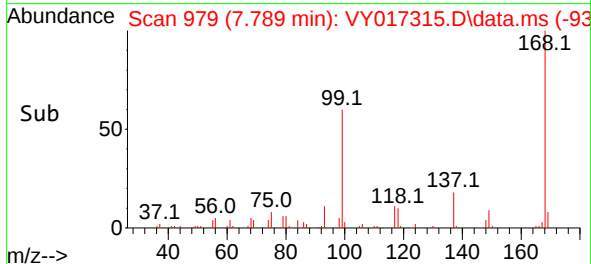
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724



Tgt Ion:168 Resp: 36204
Ion Ratio Lower Upper
168 100
99 59.7 44.2 66.4

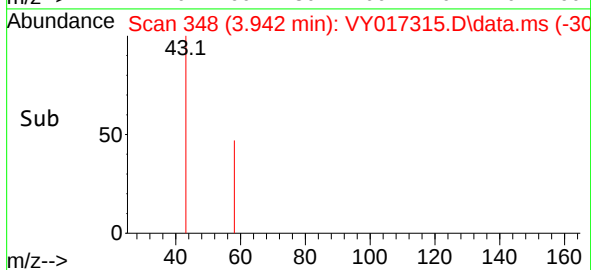
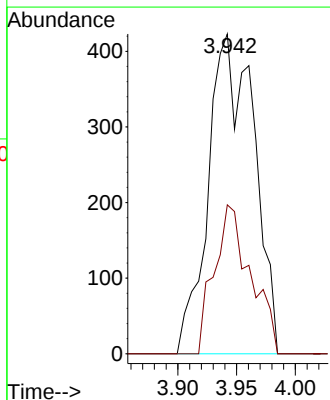
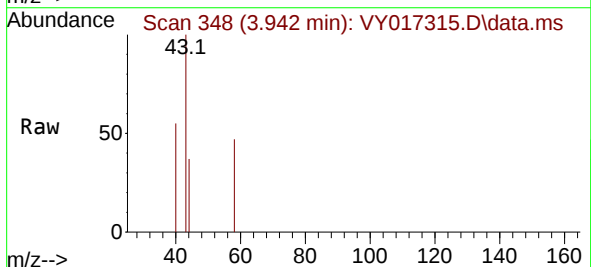
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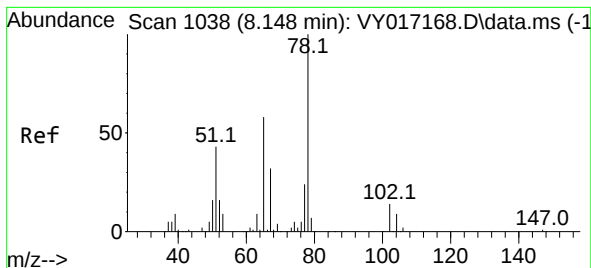
Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



#16
Acetone
Concen: 12.056 ug/l m
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 46.6 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 44.950 ug/l

RT: 8.143 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY017315.D

Acq: 08 Feb 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-020724

Tgt Ion: 65 Resp: 14538

Ion Ratio Lower Upper

65 100

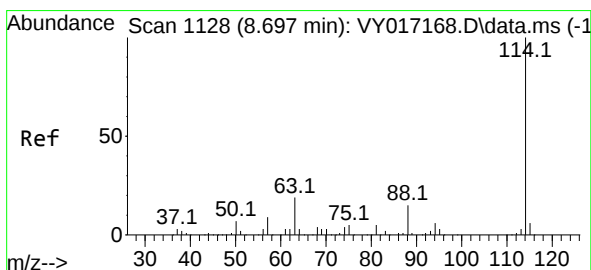
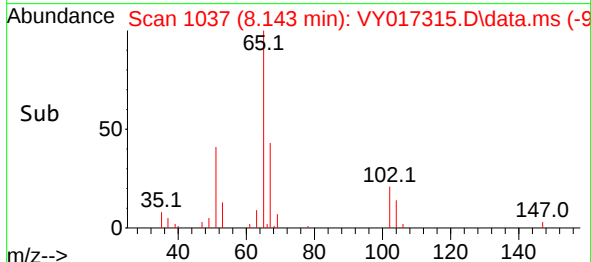
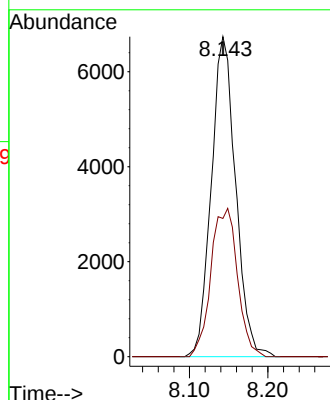
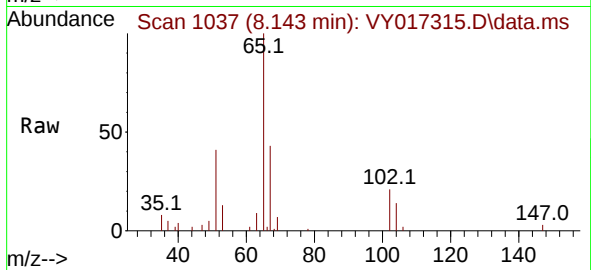
67 50.6 0.0 109.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017315.D

Acq: 08 Feb 2024 16:10

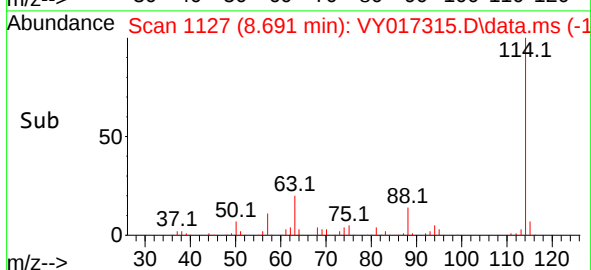
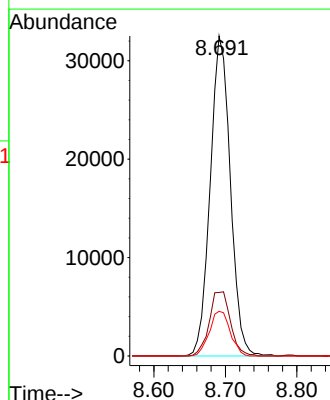
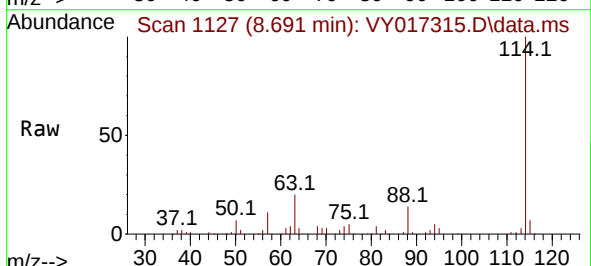
Tgt Ion:114 Resp: 63608

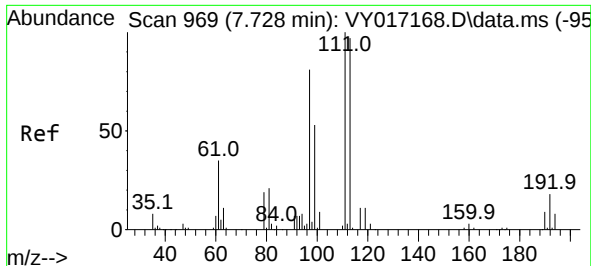
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

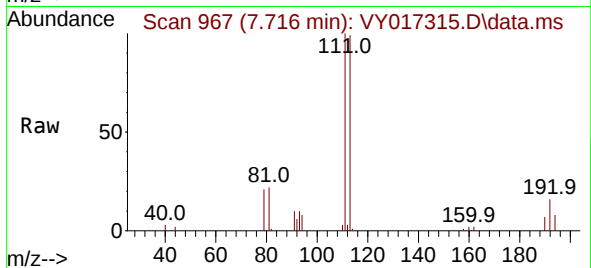
88 14.0 0.0 29.0





#35
Dibromofluoromethane
Concen: 44.610 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

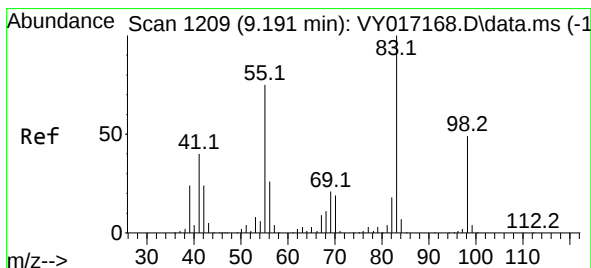
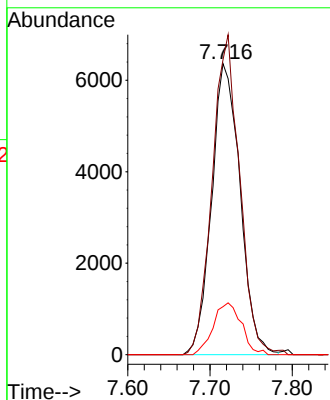
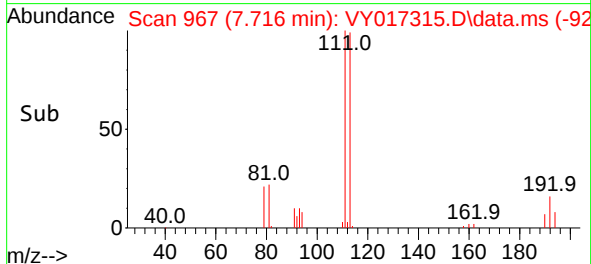
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724



Tgt Ion: 113 Resp: 1532
Ion Ratio Lower Upper
113 100
111 105.8 83.8 125.6
192 17.7 14.5 21.7

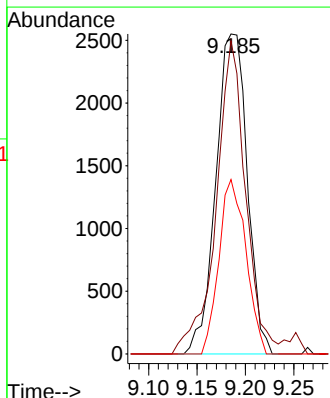
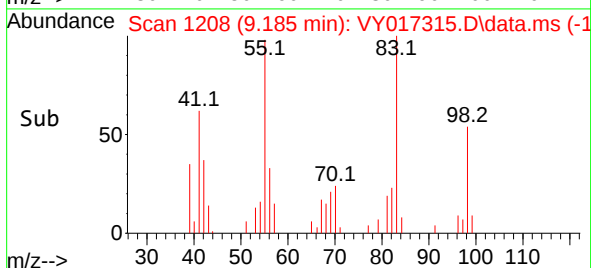
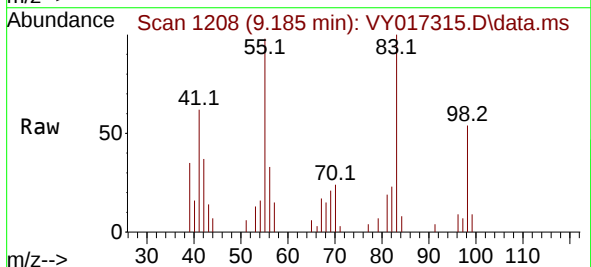
Manual Integrations
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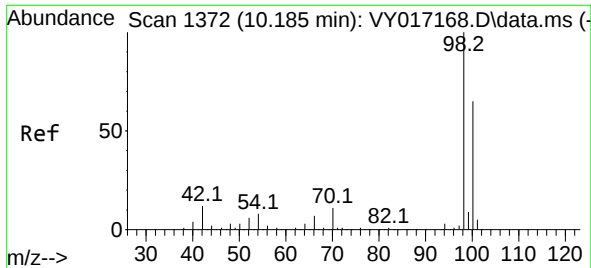
Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



#39
Methylcyclohexane
Concen: 8.318 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

Tgt Ion: 83 Resp: 5757
Ion Ratio Lower Upper
83 100
55 94.7 59.7 89.5#
98 54.5 38.0 57.0





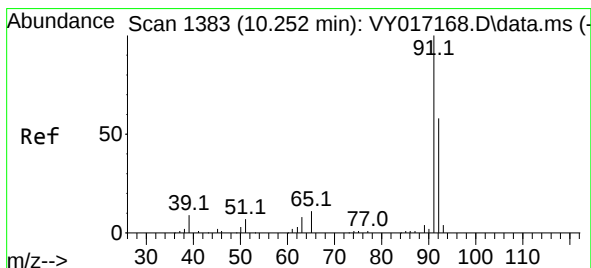
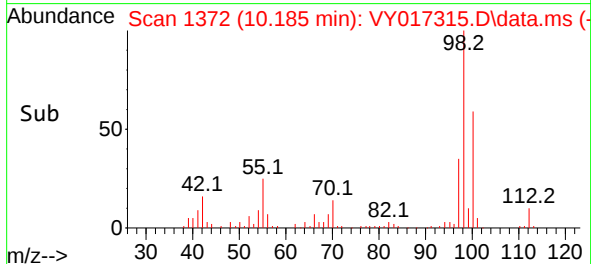
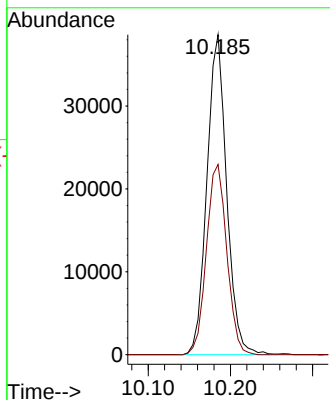
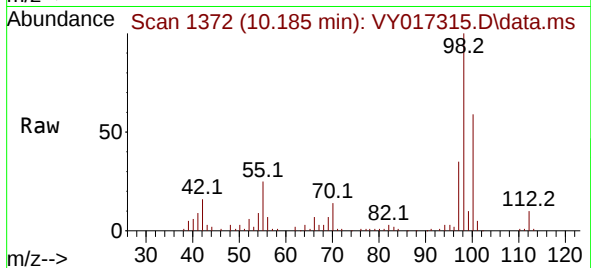
#50
Toluene-d8
Concen: 51.568 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724

Tgt Ion: 98 Resp: 6448
Ion Ratio Lower Upper
98 100
100 61.3 52.3 78.5

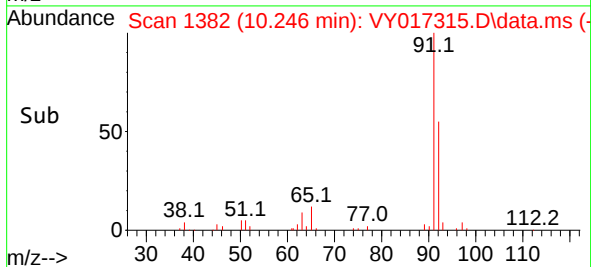
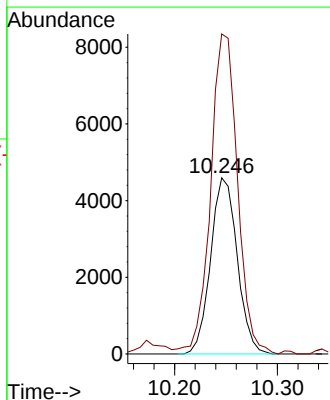
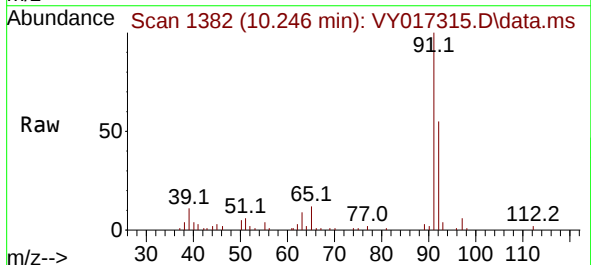
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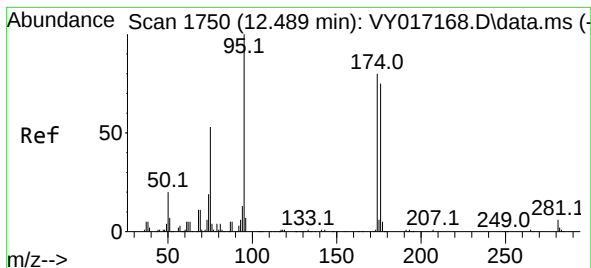
Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



#52
Toluene
Concen: 8.085 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

Tgt Ion: 92 Resp: 8256
Ion Ratio Lower Upper
92 100
91 183.1 137.6 206.4





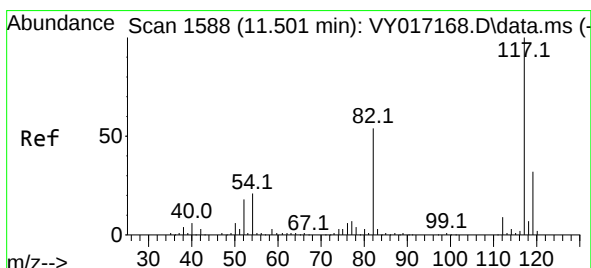
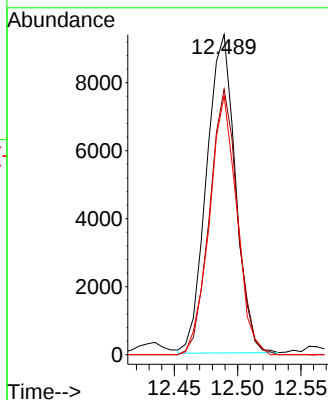
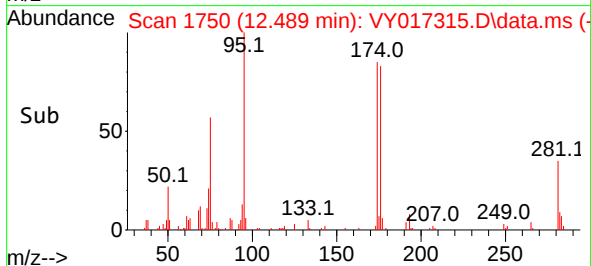
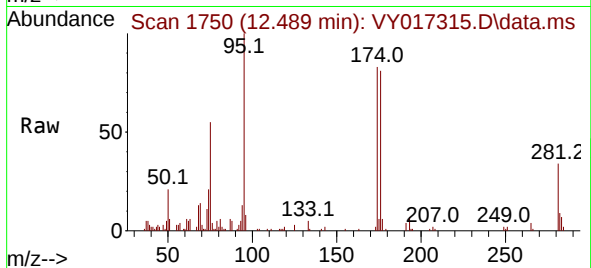
#62
4-Bromofluorobenzene
Concen: 36.255 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724

Tgt Ion: 95 Resp: 1485
Ion Ratio Lower Upper
95 100
174 80.4 0.0 160.0
176 77.2 0.0 151.8

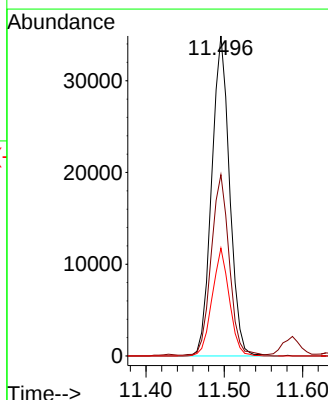
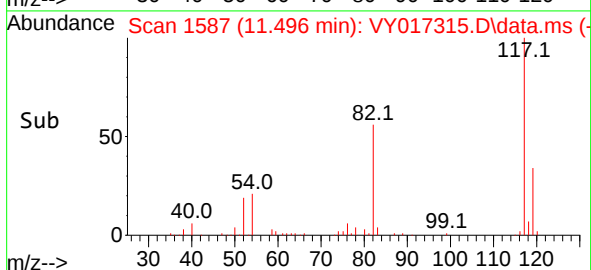
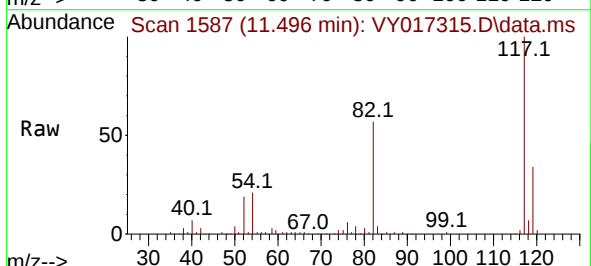
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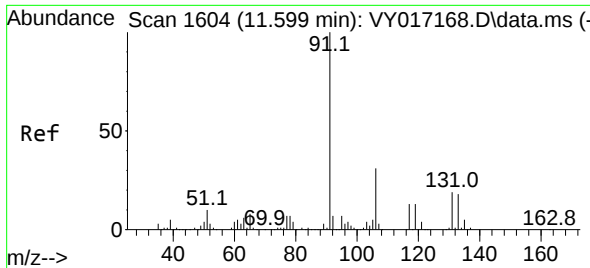
Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

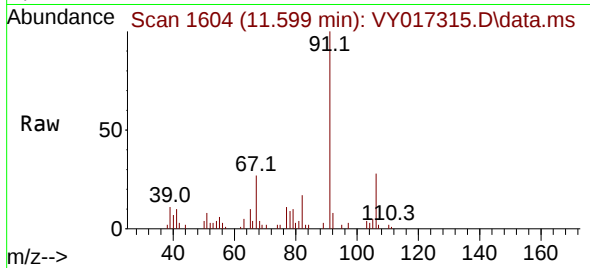
Tgt Ion:117 Resp: 55350
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 33.7 26.5 39.7





#67
Ethyl Benzene
Concen: 4.117 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

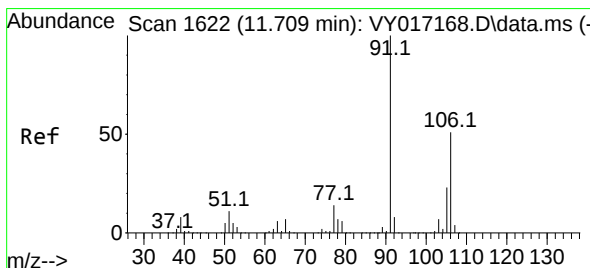
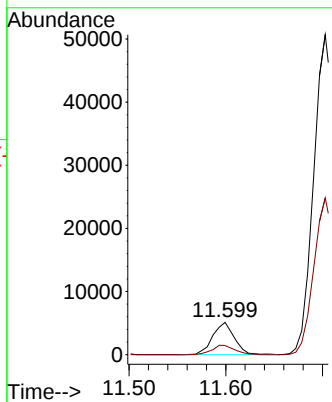
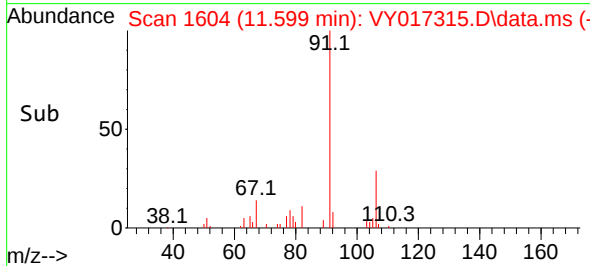
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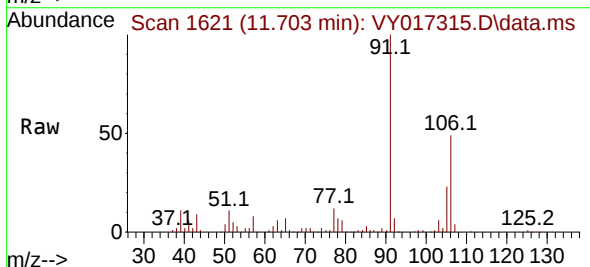
Tgt Ion: 91 Resp: 7945
Ion Ratio Lower Upper
91 100
106 28.3 25.0 37.4

Manual Integrations
APPROVED

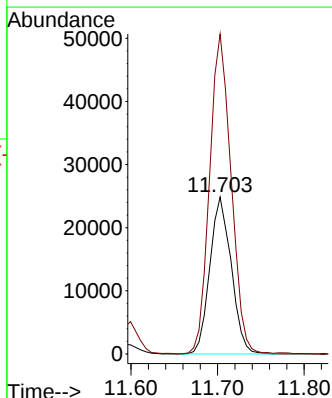
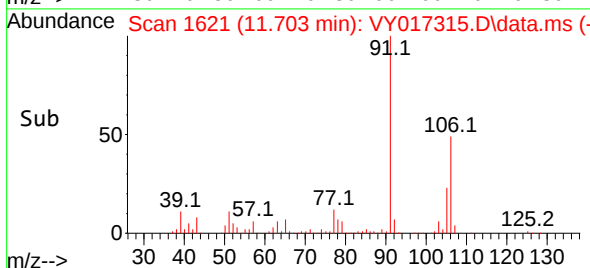
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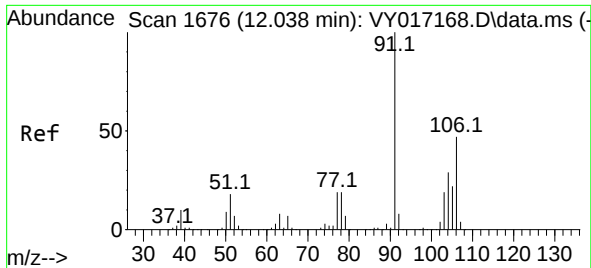


#68
m/p-Xylenes
Concen: 58.319 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10



Tgt Ion:106 Resp: 42708
Ion Ratio Lower Upper
106 100
91 205.0 160.7 241.1





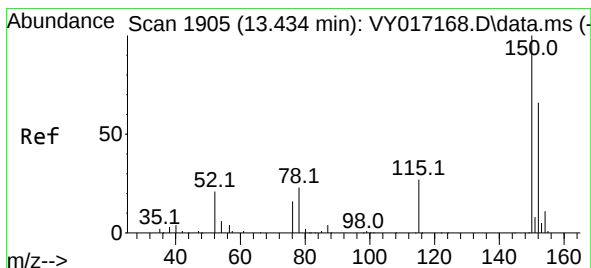
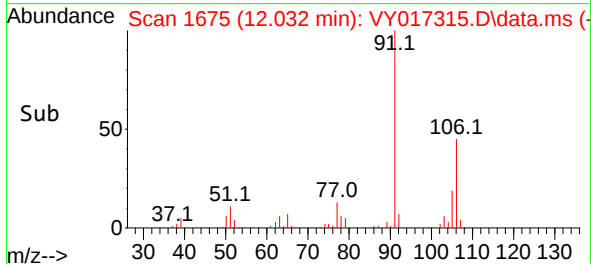
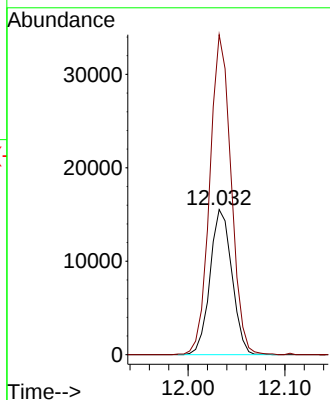
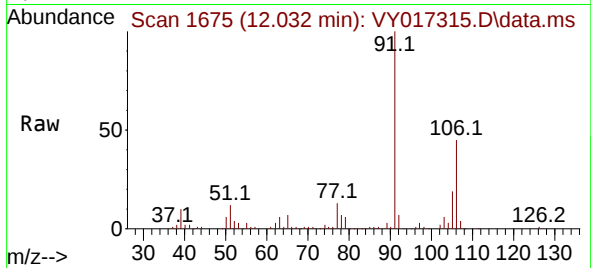
#69
o-Xylene
Concen: 36.167 ug/l
RT: 12.032 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724

Tgt Ion:106 Resp: 2439
Ion Ratio Lower Upper
106 100
91 215.3 106.5 319.5

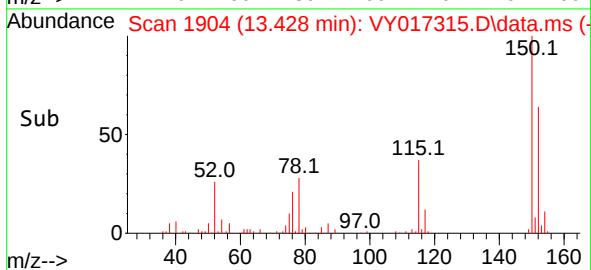
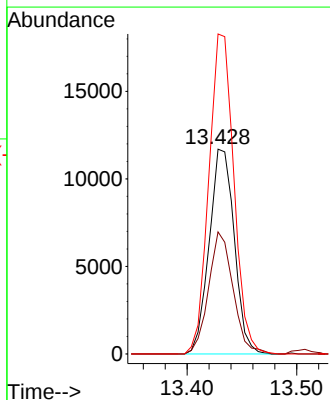
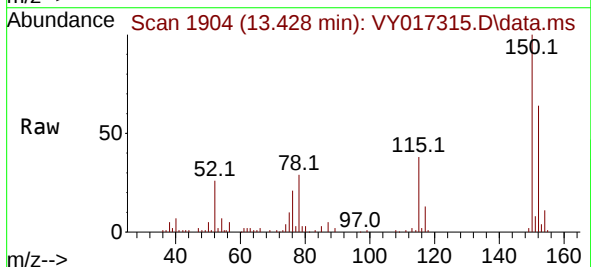
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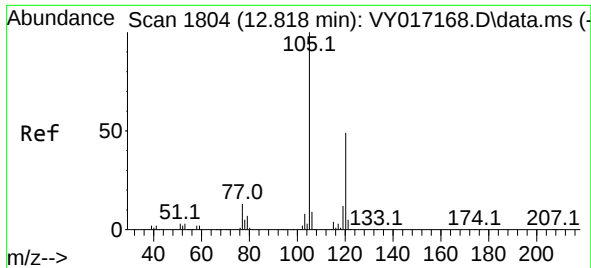
Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

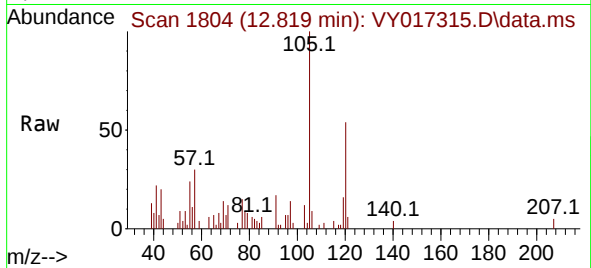
Tgt Ion:152 Resp: 18607
Ion Ratio Lower Upper
152 100
115 58.2 30.0 90.0
150 155.7 0.0 344.6





#80
1,3,5-Trimethylbenzene
Concen: 4.752 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

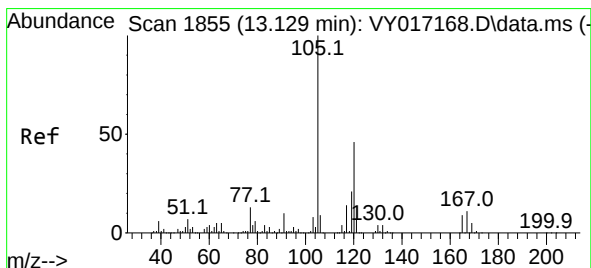
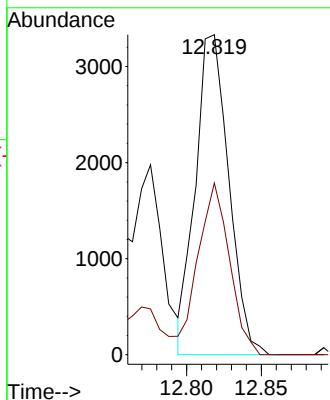
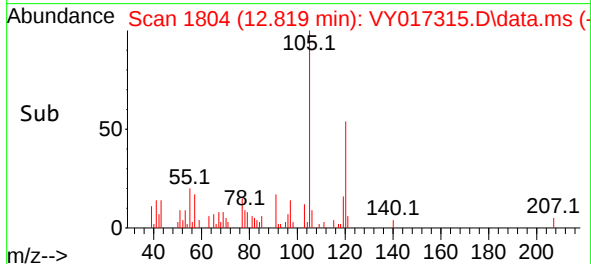
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-020724



Tgt Ion:105 Resp: 5160
Ion Ratio Lower Upper
105 100
120 51.6 24.3 72.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



#84
1,2,4-Trimethylbenzene
Concen: 7.979 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY017315.D
Acq: 08 Feb 2024 16:10

Tgt Ion:105 Resp: 8562
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.3

