

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017223.D
 Acq On : 05 Feb 2024 12:56
 Operator : SY/MD
 Sample : P1366-03
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-1-0-2

Quant Time: Feb 06 01:13:25 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)

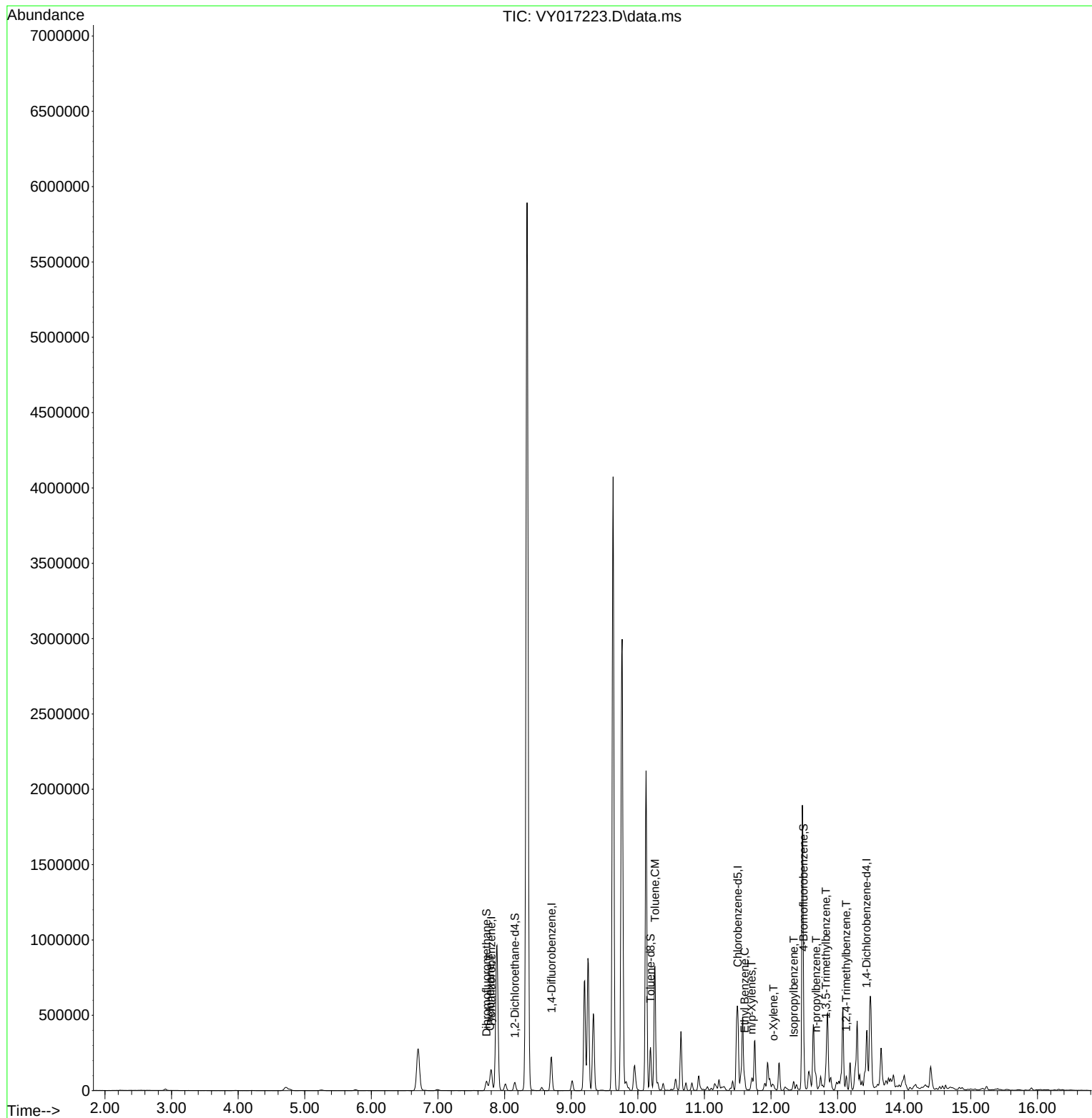
Internal Standards						
1) Pentafluorobenzene	7.801	168	95378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	197466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	204041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	40785	47.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.740%
35) Dibromofluoromethane	7.728	113	45192	42.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.780%
50) Toluene-d8	10.191	98	180203	46.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.840%
62) 4-Bromofluorobenzene	12.489	95	65966	51.875	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.740%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.783	56	11913m	6.937	ug/l	
52) Toluene	10.258	92	352540	111.207	ug/l	100
67) Ethyl Benzene	11.605	91	55999	7.872	ug/l	99
68) m/p-Xylenes	11.709	106	21530	7.975	ug/l	97
69) o-Xylene	12.038	106	6375	2.564	ug/l	90
73) Isopropylbenzene	12.343	105	37950	6.117	ug/l	100
78) n-propylbenzene	12.678	91	14670	1.925	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	15272	3.095	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	48715	10.002	ug/l	96

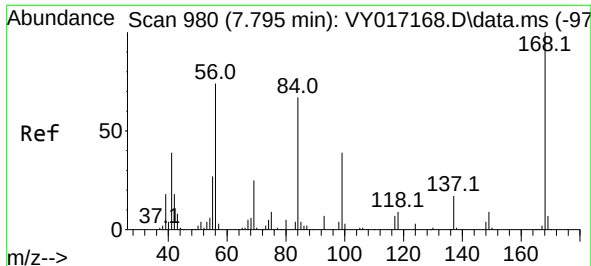
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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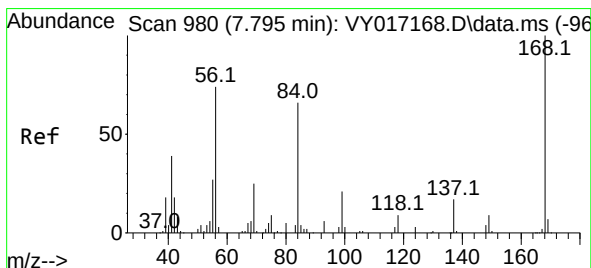
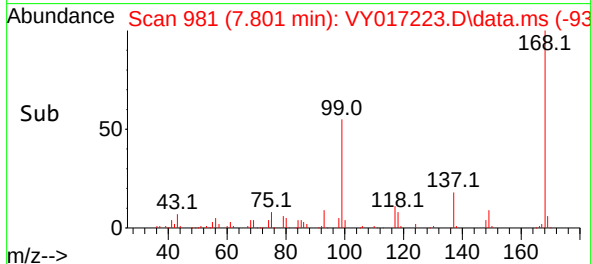
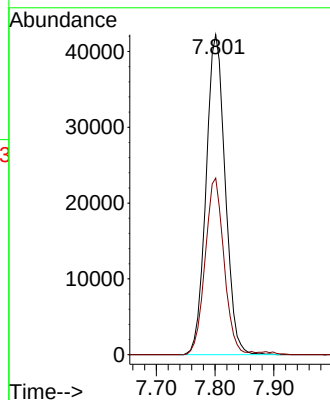
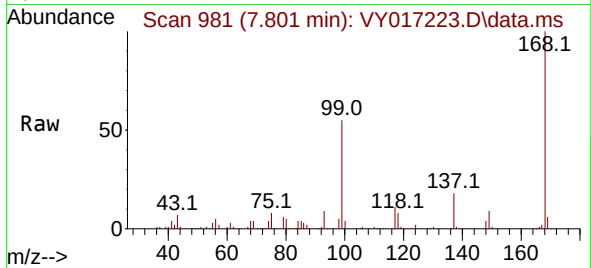




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY017223.D
Acq: 05 Feb 2024 12:56

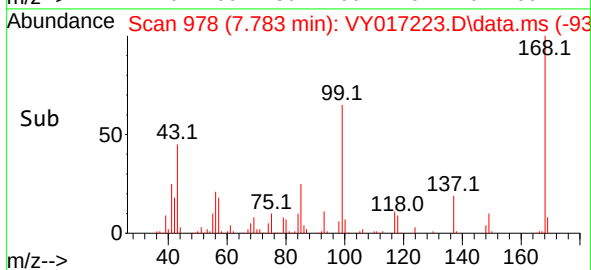
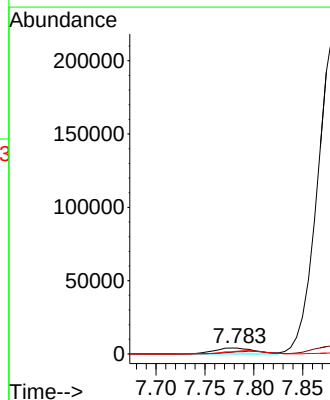
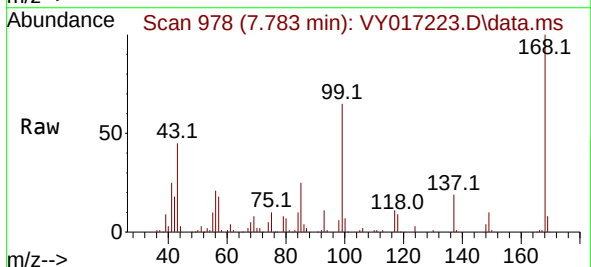
Instrument :
MSVOA_Y
ClientSampleId :
EB-1-0-2

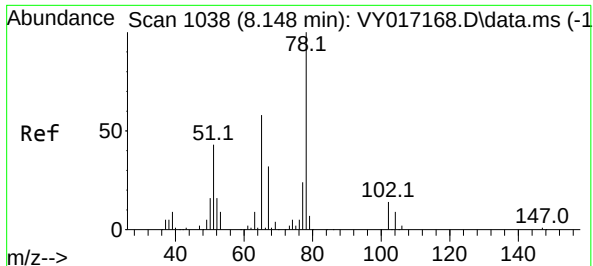
Tgt Ion:168 Resp: 95378
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#31
Cyclohexane
Concen: 6.937 ug/l m
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY017223.D
Acq: 05 Feb 2024 12:56

Tgt Ion: 56 Resp: 11913
Ion Ratio Lower Upper
56 100
69 36.2 27.0 40.6
84 46.4 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 47.867 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY017223.D

Acq: 05 Feb 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

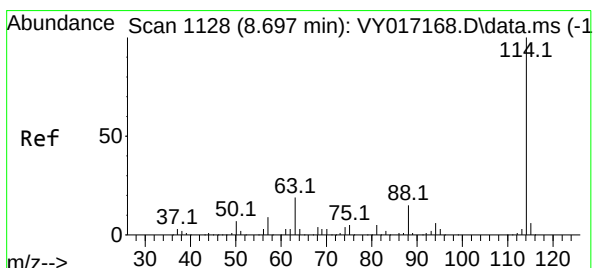
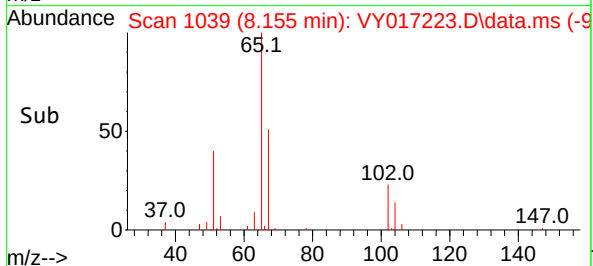
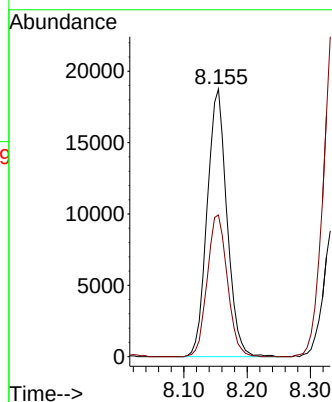
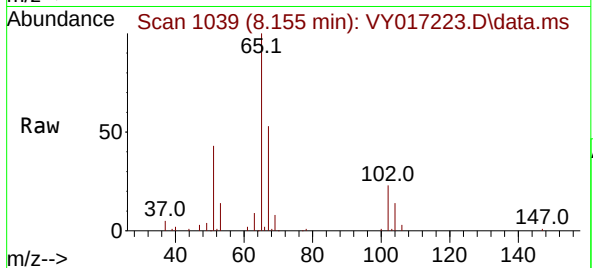
EB-1-0-2

Tgt Ion: 65 Resp: 40785

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017223.D

Acq: 05 Feb 2024 12:56

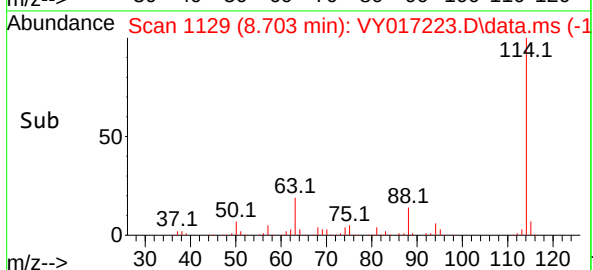
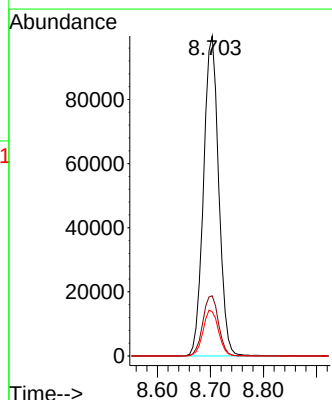
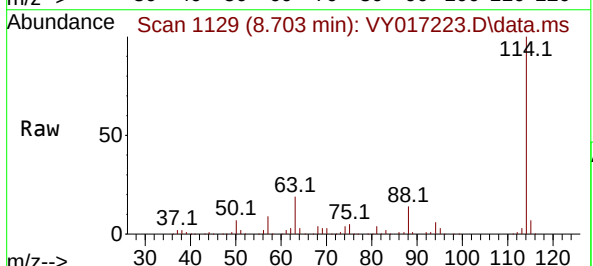
Tgt Ion: 114 Resp: 197466

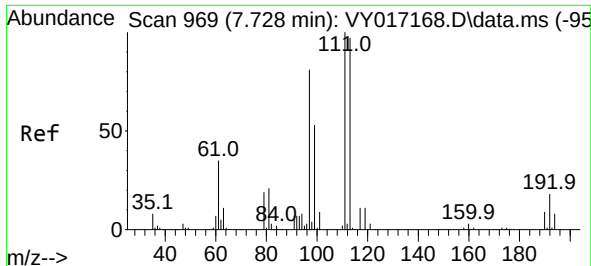
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 13.8 0.0 29.0

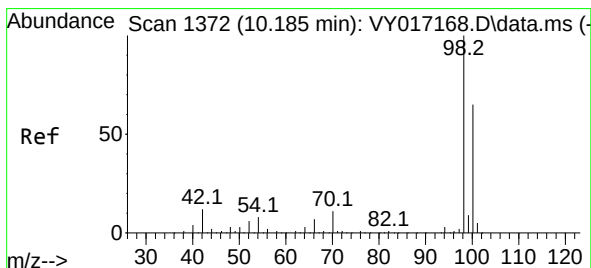
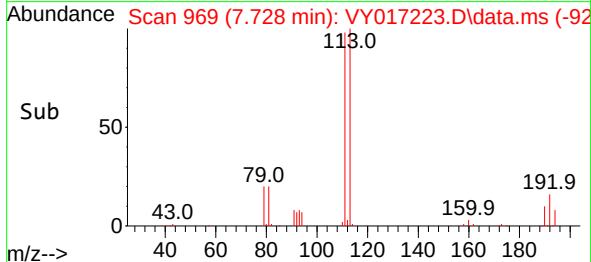
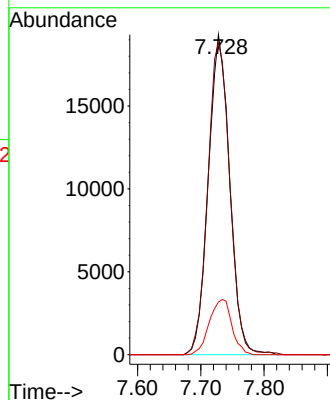
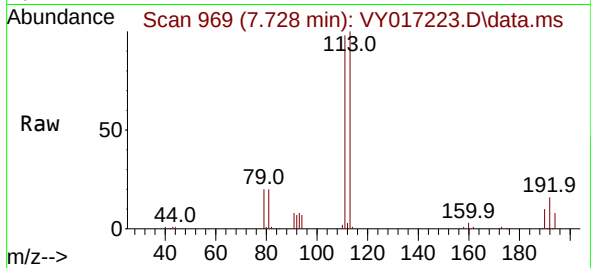




#35
 Dibromofluoromethane
 Concen: 42.386 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY017223.D
 Acq: 05 Feb 2024 12:56

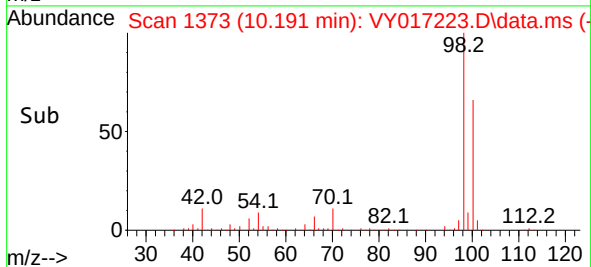
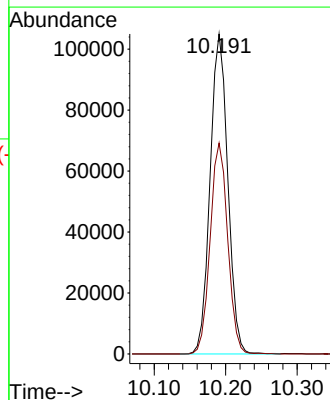
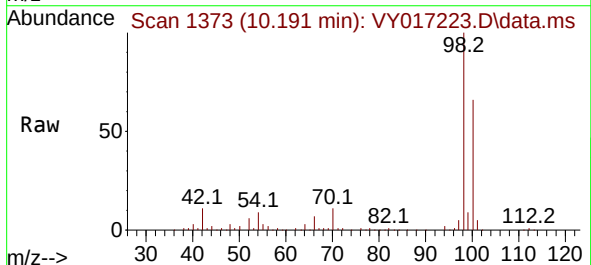
Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-1-0-2

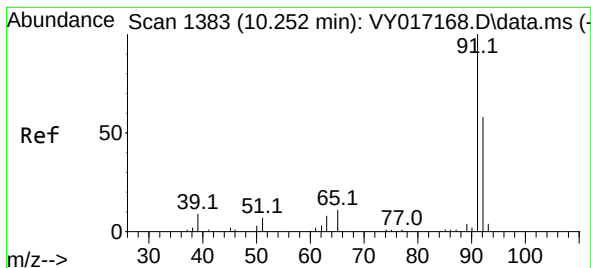
Tgt Ion:113 Resp: 45192
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.8 125.6
 192 18.2 14.5 21.7



#50
 Toluene-d8
 Concen: 46.421 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.006 min
 Lab File: VY017223.D
 Acq: 05 Feb 2024 12:56

Tgt Ion: 98 Resp: 180203
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.3 78.5





#52

Toluene

Concen: 111.207 ug/l

RT: 10.258 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017223.D

Acq: 05 Feb 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

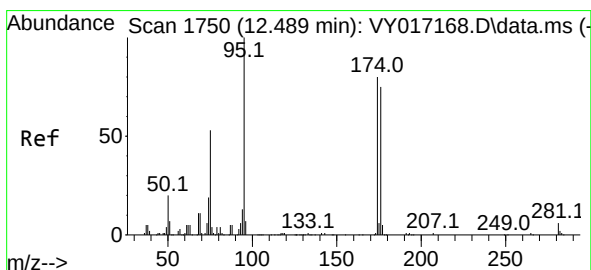
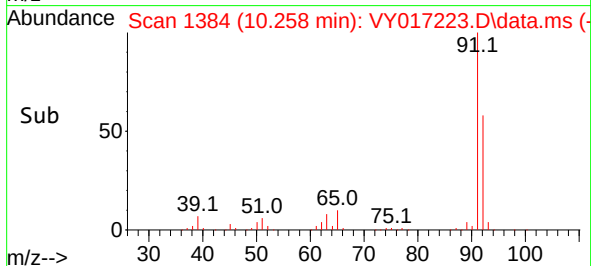
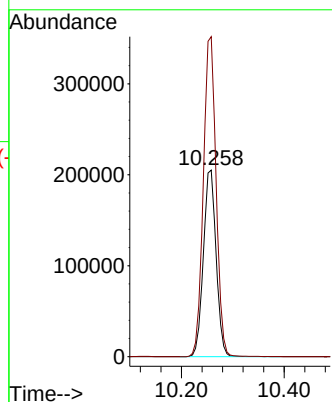
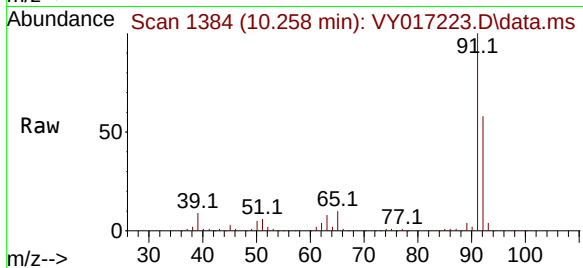
EB-1-0-2

Tgt Ion: 92 Resp: 352540

Ion Ratio Lower Upper

92 100

91 171.9 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 51.875 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017223.D

Acq: 05 Feb 2024 12:56

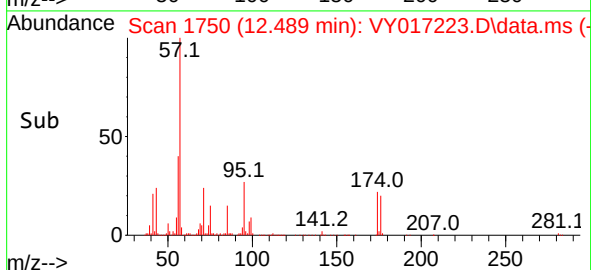
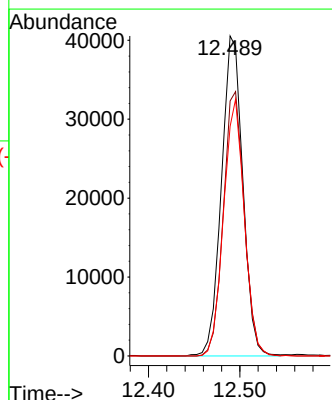
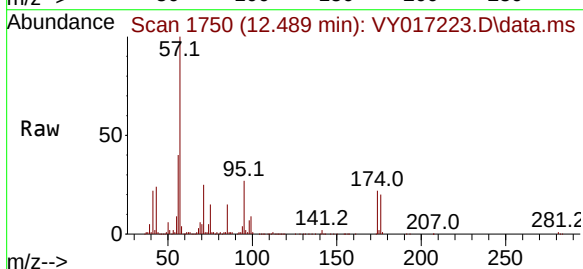
Tgt Ion: 95 Resp: 65966

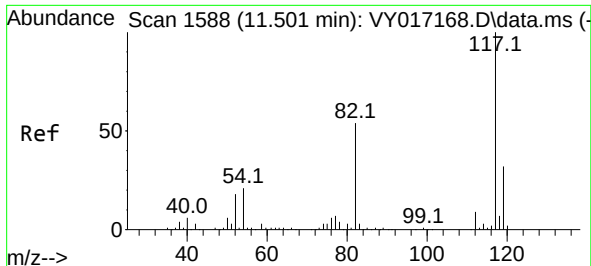
Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.0

176 77.7 0.0 151.8

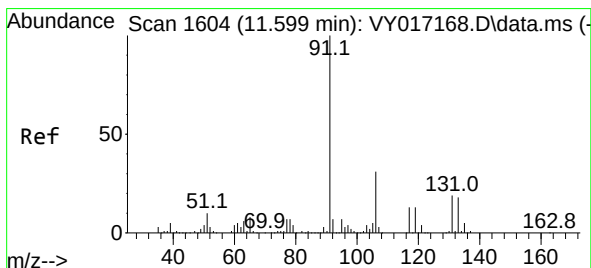
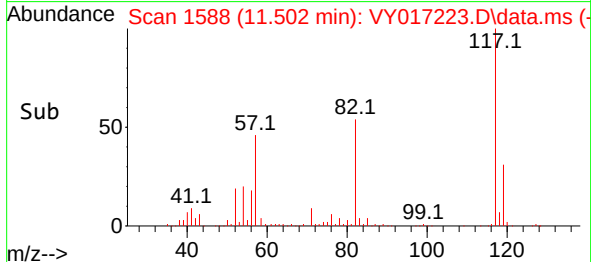
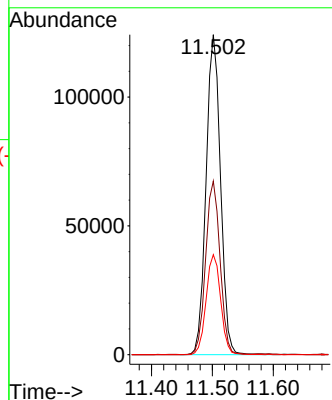
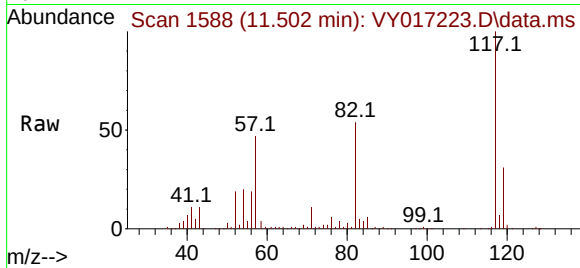




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017223.D
Acq: 05 Feb 2024 12:56

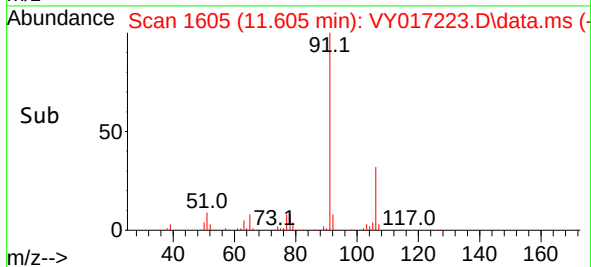
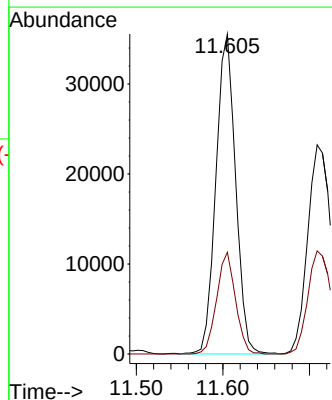
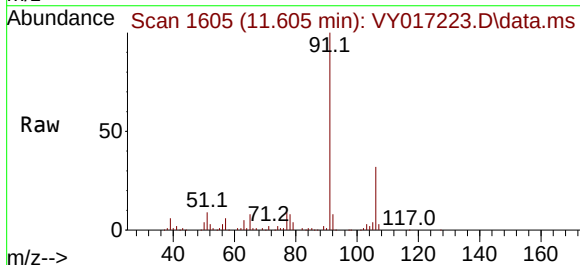
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ClientSampleId :
EB-1-0-2

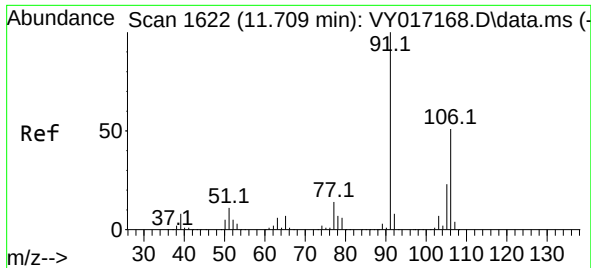
Tgt Ion:117 Resp: 204041
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 31.2 26.5 39.7



#67
Ethyl Benzene
Concen: 7.872 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017223.D
Acq: 05 Feb 2024 12:56

Tgt Ion: 91 Resp: 55999
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4

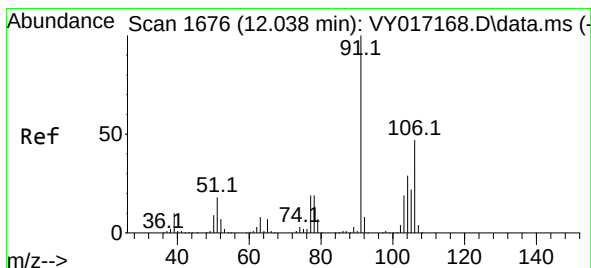
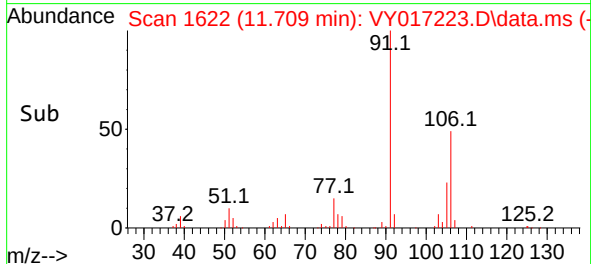
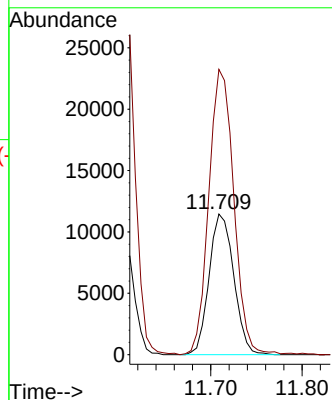
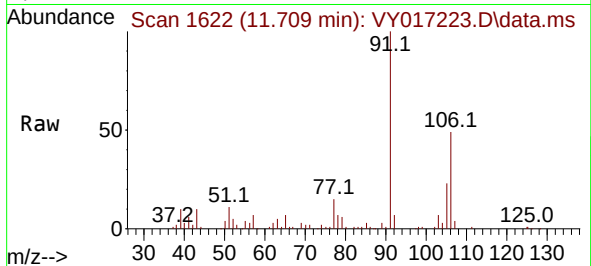




#68
m/p-Xylenes
Concen: 7.975 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017223.D
Acq: 05 Feb 2024 12:56

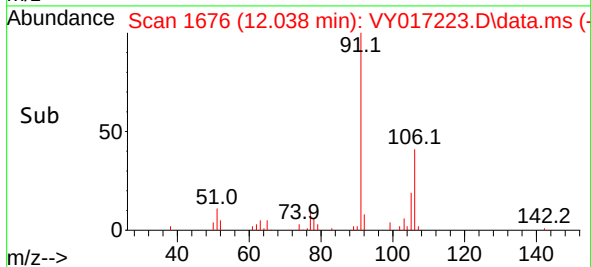
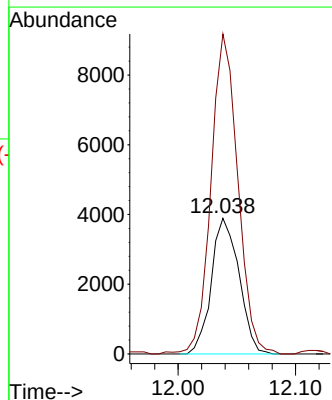
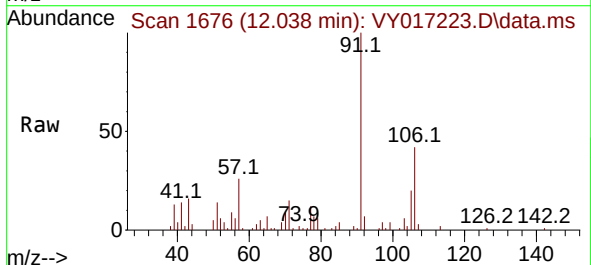
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ClientSampleId :
EB-1-0-2

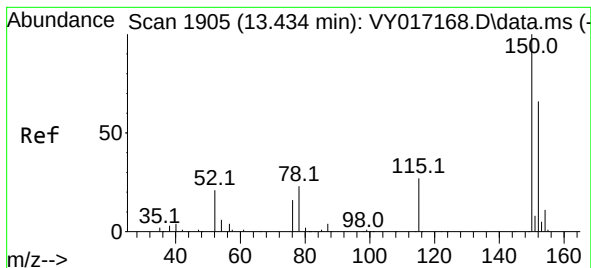
Tgt Ion:106 Resp: 21530
Ion Ratio Lower Upper
106 100
91 205.6 160.7 241.1



#69
o-Xylene
Concen: 2.564 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017223.D
Acq: 05 Feb 2024 12:56

Tgt Ion:106 Resp: 6375
Ion Ratio Lower Upper
106 100
91 228.6 106.5 319.5

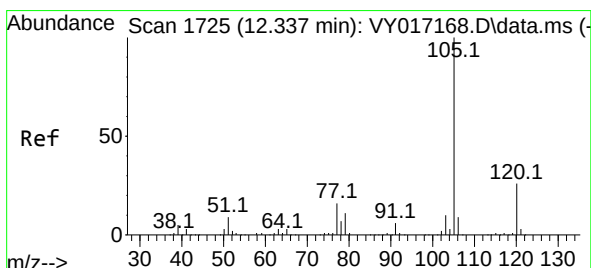
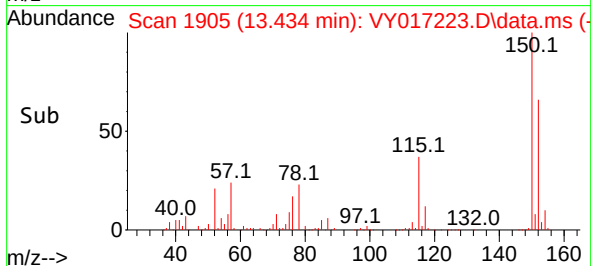
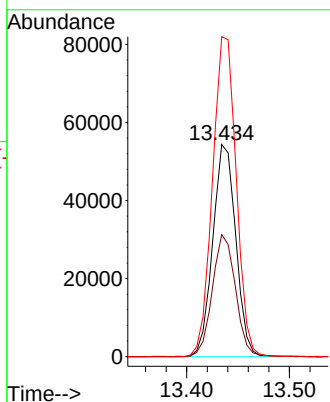
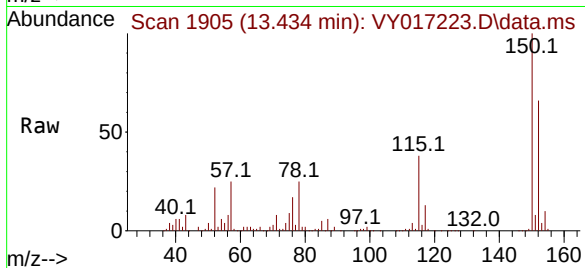




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017223.D
Acq: 05 Feb 2024 12:56

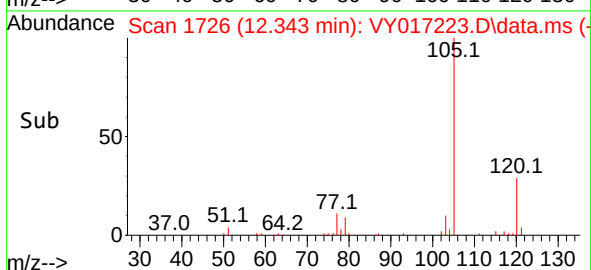
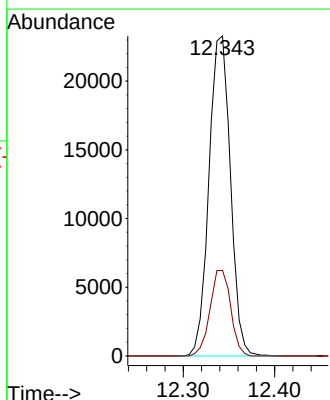
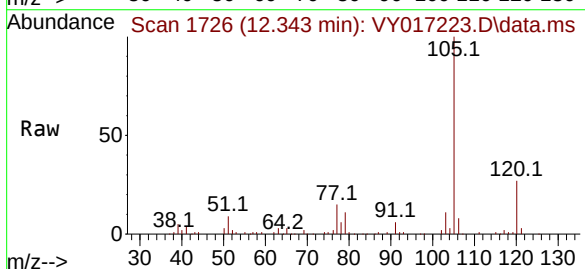
Instrument :
MSVOA_Y
ClientSampleId :
EB-1-0-2

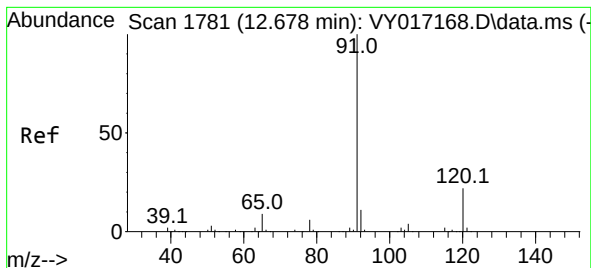
Tgt Ion:152 Resp: 84455
Ion Ratio Lower Upper
152 100
115 58.1 30.0 90.0
150 155.4 0.0 344.6



#73
Isopropylbenzene
Concen: 6.117 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017223.D
Acq: 05 Feb 2024 12:56

Tgt Ion:105 Resp: 37950
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0





#78

n-propylbenzene

Concen: 1.925 ug/l

RT: 12.678 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017223.D

Acq: 05 Feb 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

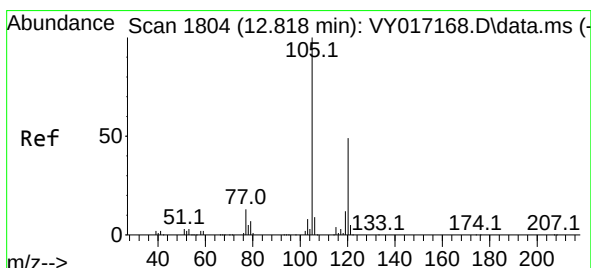
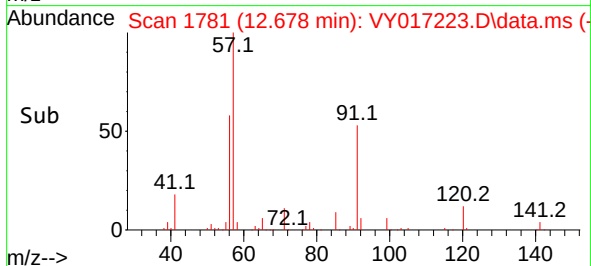
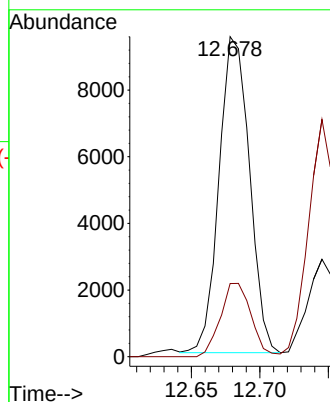
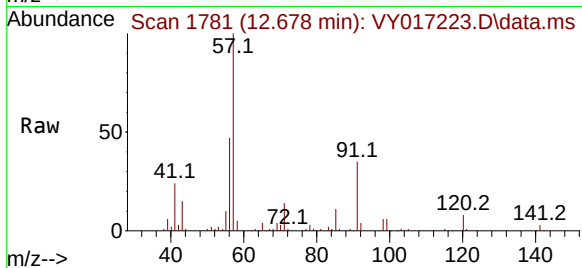
EB-1-0-2

Tgt Ion: 91 Resp: 14670

Ion Ratio Lower Upper

91 100

120 23.5 11.0 33.0



#80

1,3,5-Trimethylbenzene

Concen: 3.095 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017223.D

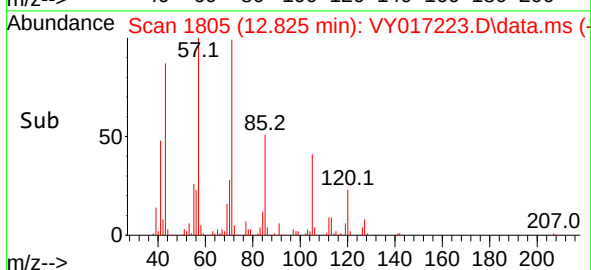
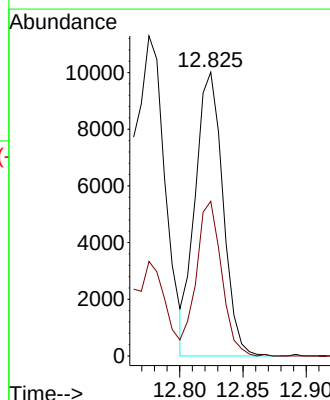
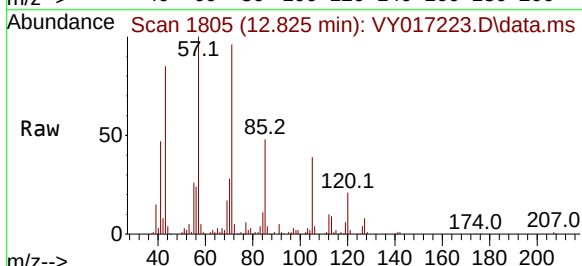
Acq: 05 Feb 2024 12:56

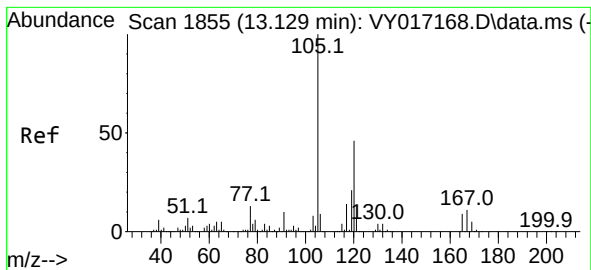
Tgt Ion:105 Resp: 15272

Ion Ratio Lower Upper

105 100

120 49.9 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 10.002 ug/l

RT: 13.129 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017223.D

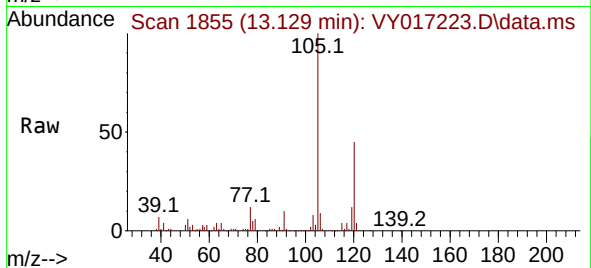
Acq: 05 Feb 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

EB-1-0-2



Tgt Ion:105 Resp: 48715

Ion Ratio Lower Upper

105 100

120 46.7 22.1 66.3

