

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013426.D
 Acq On : 25 Apr 2023 04:14
 Operator : KP/MD
 Sample : 02389-22
 Misc : 3.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-6WC-23-04-17

Quant Time: Apr 25 07:15:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

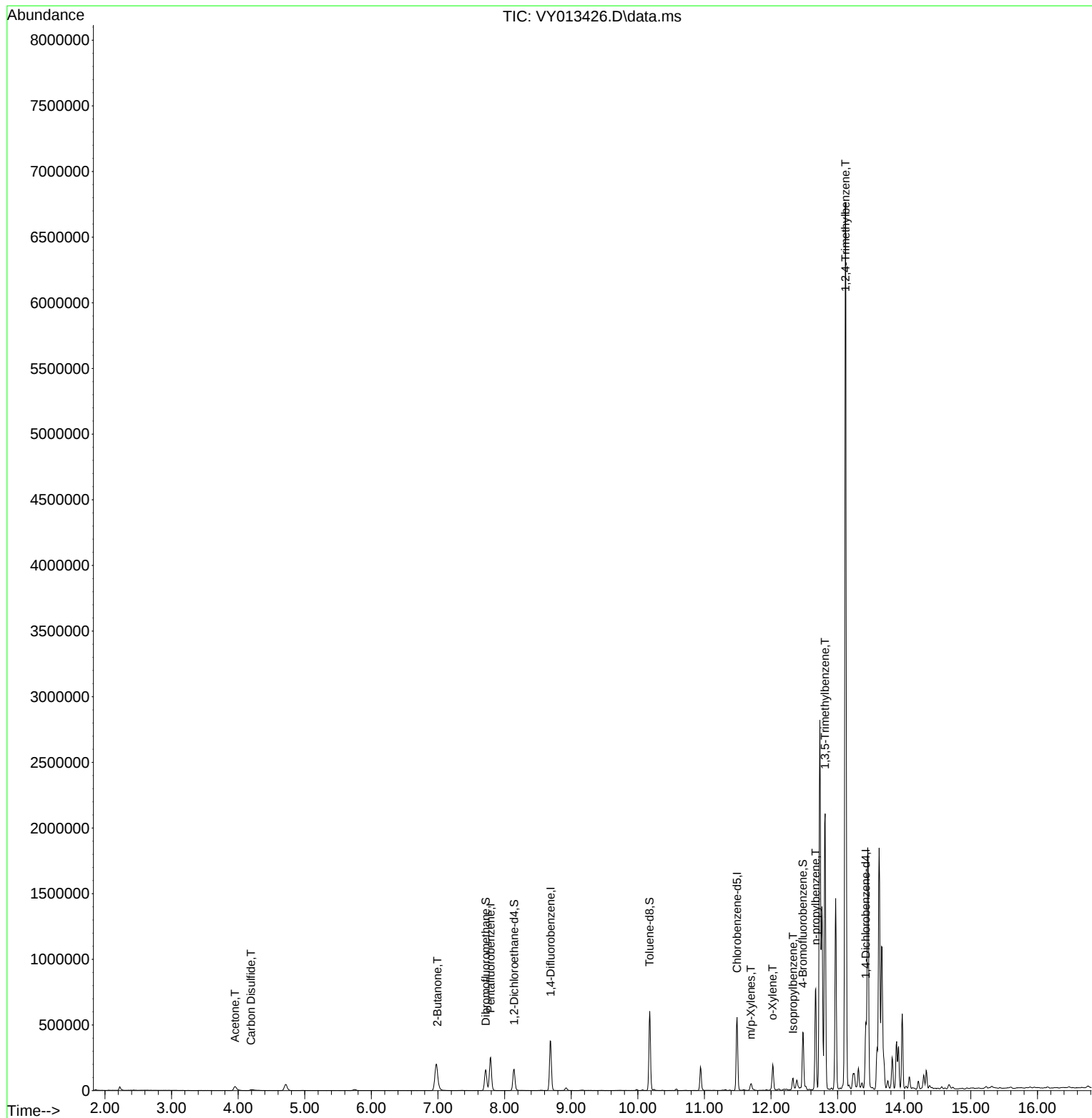
Internal Standards						
1) Pentafluorobenzene	7.789	168	193487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127377	60.054	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.100%		
35) Dibromofluoromethane	7.716	113	111048	55.687	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.380%		
50) Toluene-d8	10.179	98	384659	54.224	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.440%		
62) 4-Bromofluorobenzene	12.477	95	128030	53.534	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 107.060%		
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	64759	77.529	ug/l	97
17) Carbon Disulfide	4.192	76	10702	1.638	ug/l #	88
25) 2-Butanone	6.990	43	24139	22.787	ug/l	90
68) m/p-Xylenes	11.697	106	13379	3.134	ug/l	97
69) o-Xylene	12.026	106	49005	12.139	ug/l	97
73) Isopropylbenzene	12.331	105	52549	5.631	ug/l	100
78) n-propylbenzene	12.672	91	573529	49.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	1042488	136.873	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	3443941	465.084	ug/l	100

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

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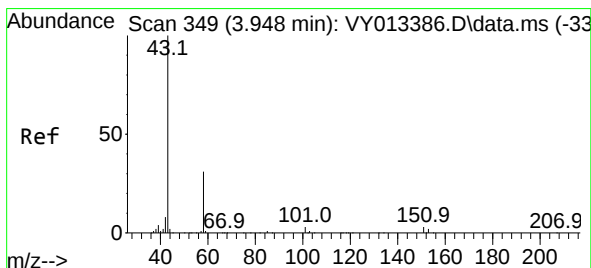
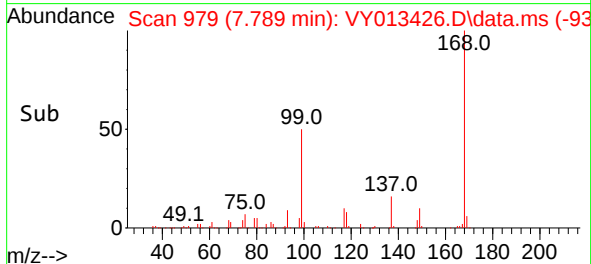
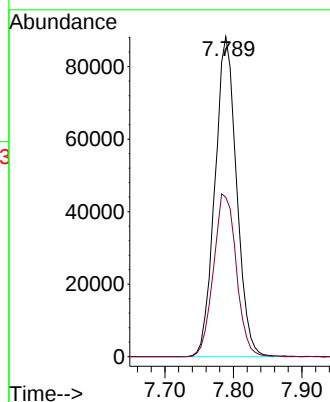
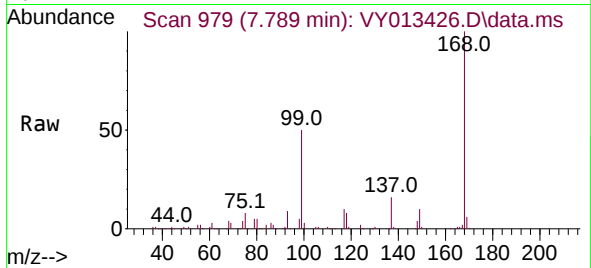




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

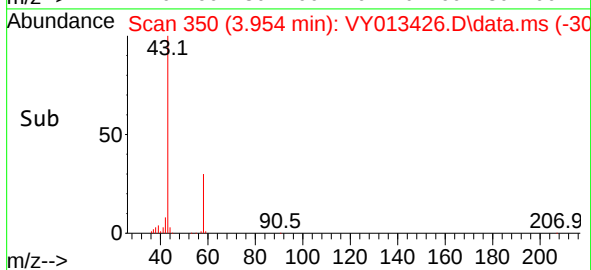
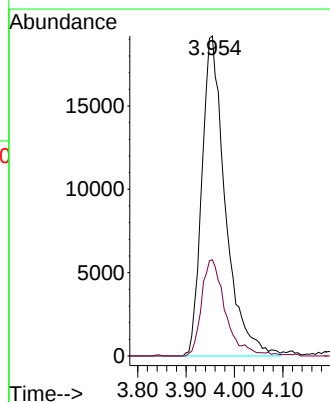
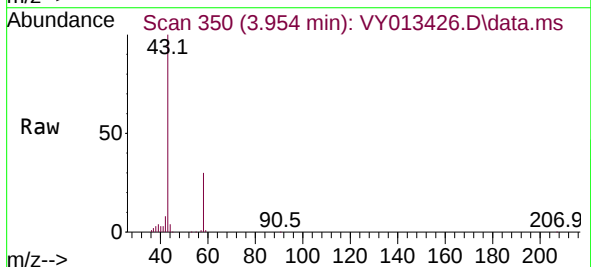
Instrument :
MSVOA_Y
ClientSampleId :
SPB-6WC-23-04-17

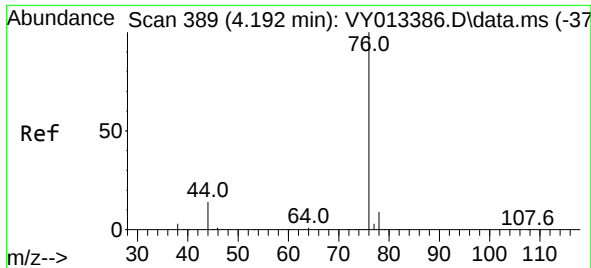
Tgt Ion:168 Resp: 193487
Ion Ratio Lower Upper
168 100
99 49.8 41.8 62.6



#16
Acetone
Concen: 77.529 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

Tgt Ion: 43 Resp: 64759
Ion Ratio Lower Upper
43 100
58 30.1 25.4 38.0

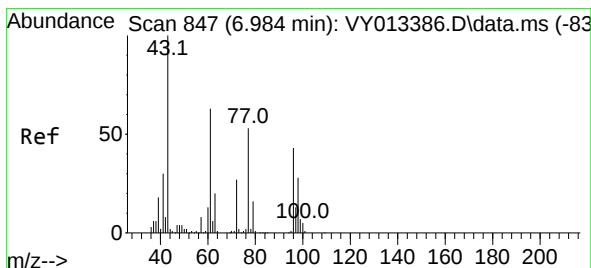
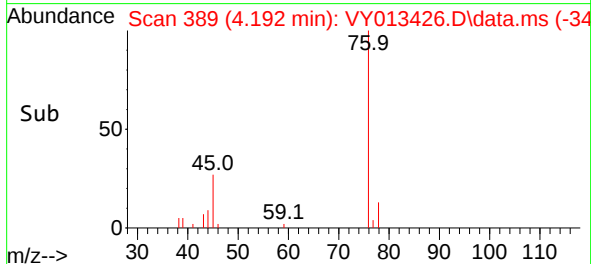
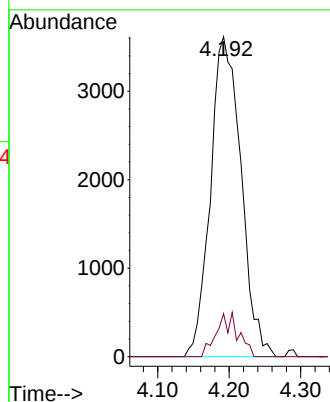
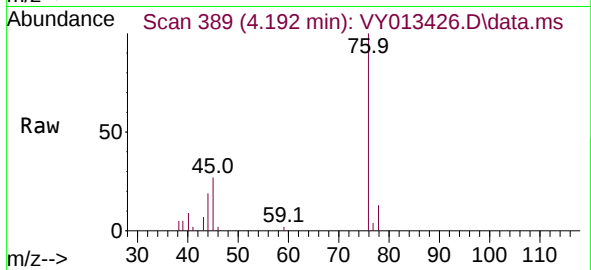




#17
Carbon Disulfide
Concen: 1.638 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

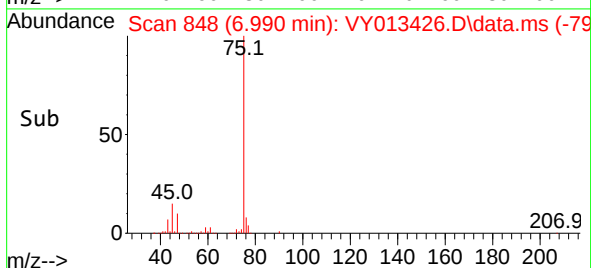
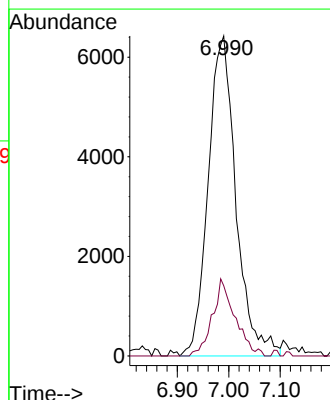
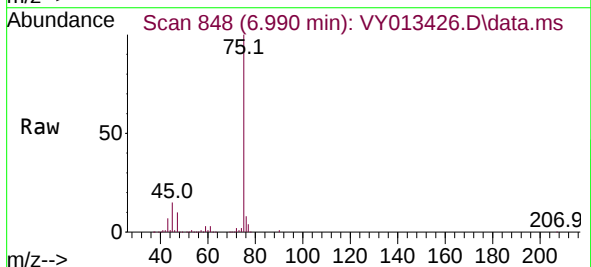
Instrument :
MSVOA_Y
ClientSampleId :
SPB-6WC-23-04-17

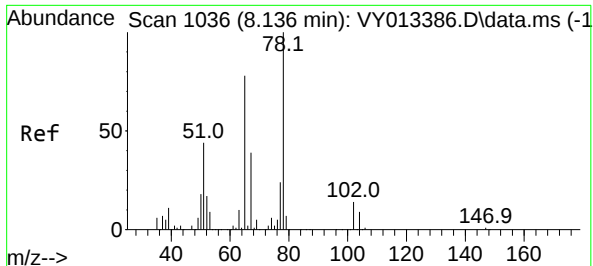
Tgt Ion: 76 Resp: 10702
Ion Ratio Lower Upper
76 100
78 13.4 7.2 10.8#



#25
2-Butanone
Concen: 22.787 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

Tgt Ion: 43 Resp: 24139
Ion Ratio Lower Upper
43 100
72 22.0 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 60.054 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY013426.D

Acq: 25 Apr 2023 04:14

Instrument :

MSVOA_Y

ClientSampleId :

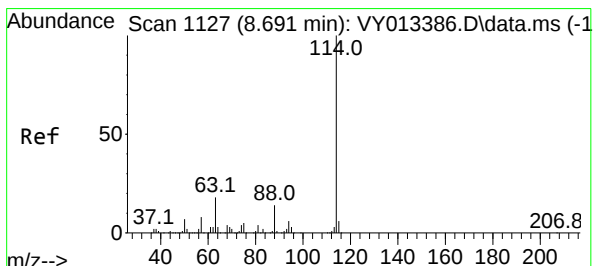
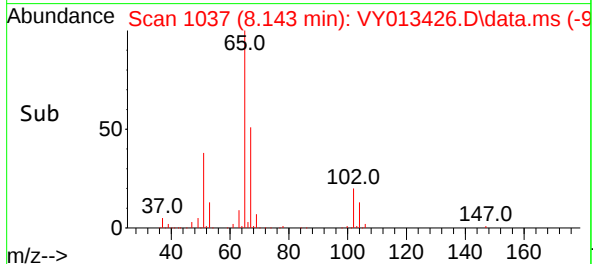
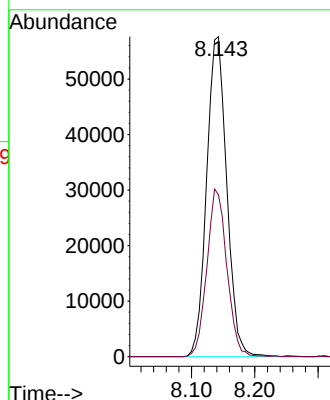
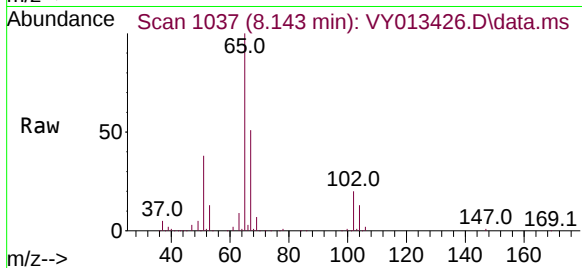
SPB-6WC-23-04-17

Tgt Ion: 65 Resp: 127377

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013426.D

Acq: 25 Apr 2023 04:14

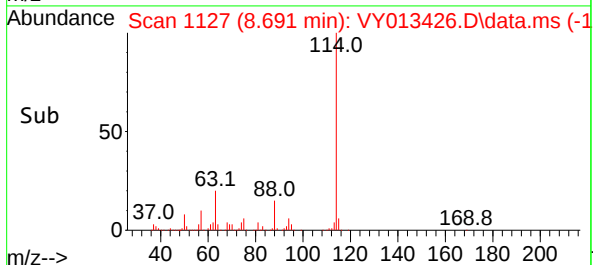
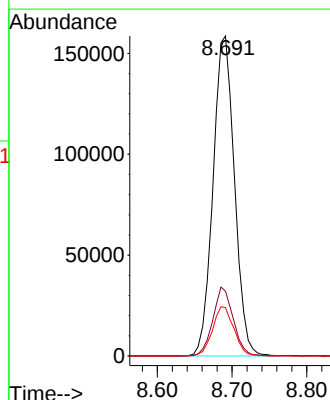
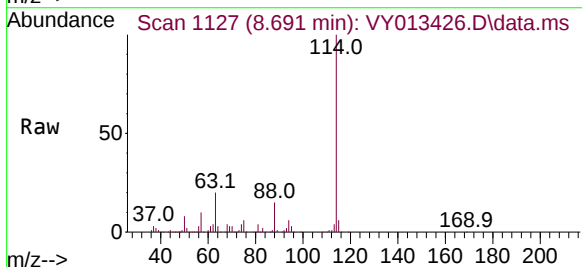
Tgt Ion: 114 Resp: 317055

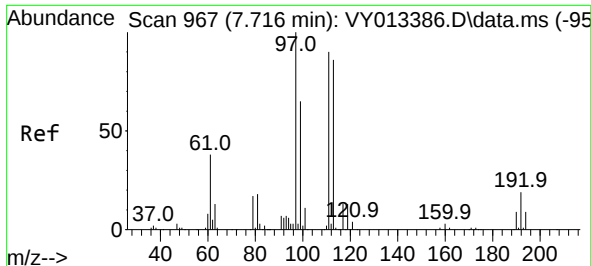
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 15.1 0.0 28.8

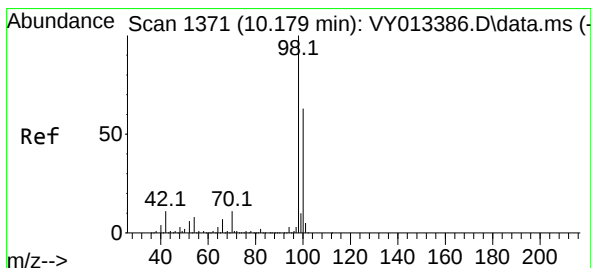
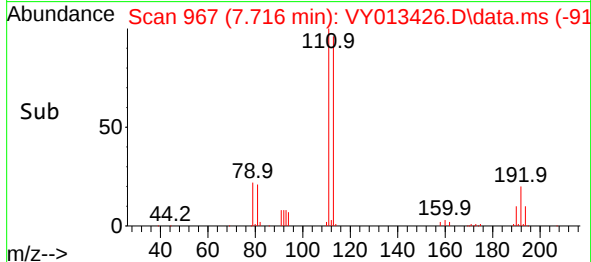
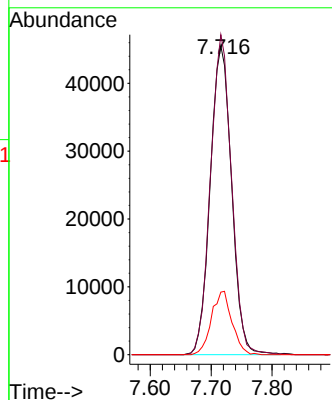
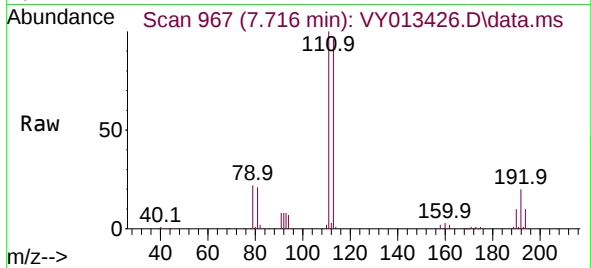




#35
Dibromofluoromethane
Concen: 55.687 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

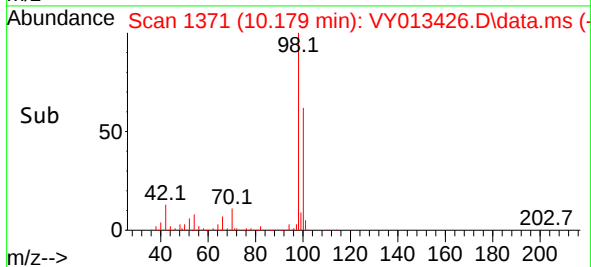
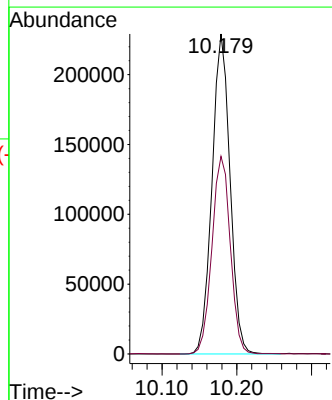
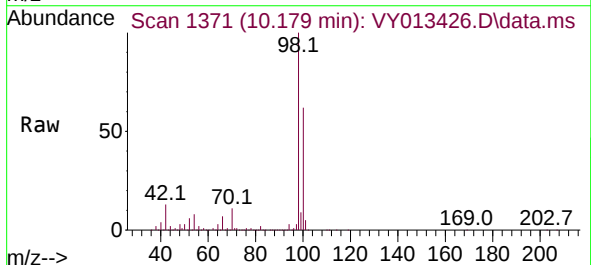
Instrument :
MSVOA_Y
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SPB-6WC-23-04-17

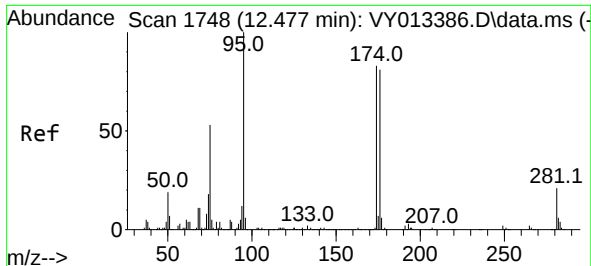
Tgt Ion:113 Resp: 111048
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 19.7 16.7 25.1



#50
Toluene-d8
Concen: 54.224 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

Tgt Ion: 98 Resp: 384659
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

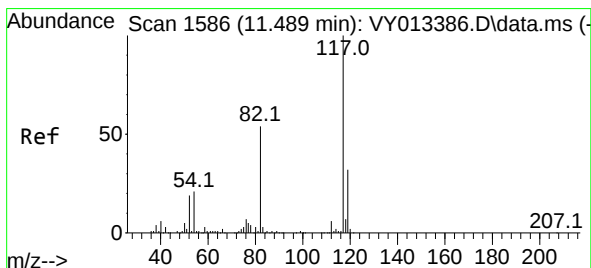
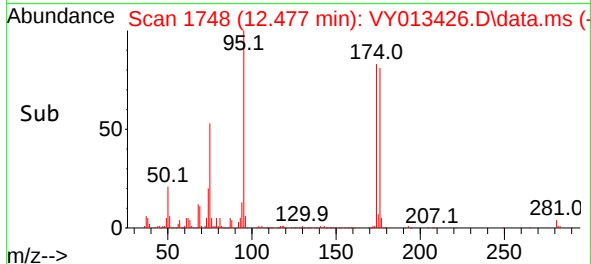
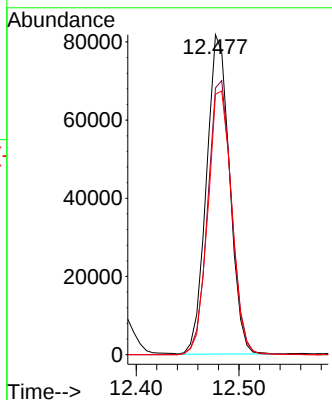
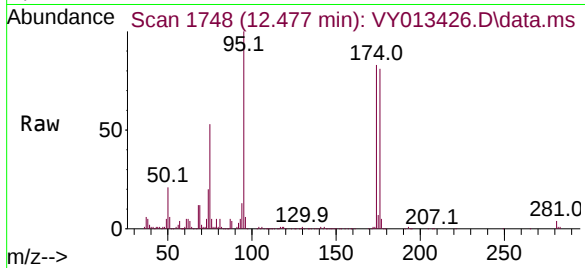




#62
4-Bromofluorobenzene
Concen: 53.534 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

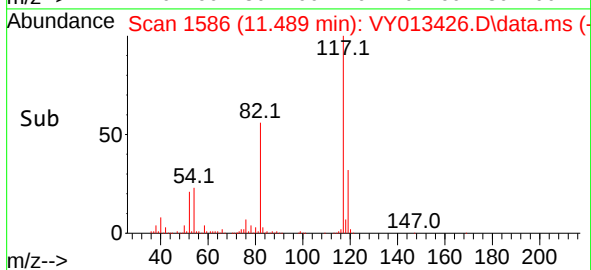
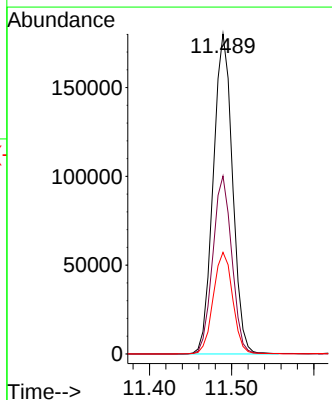
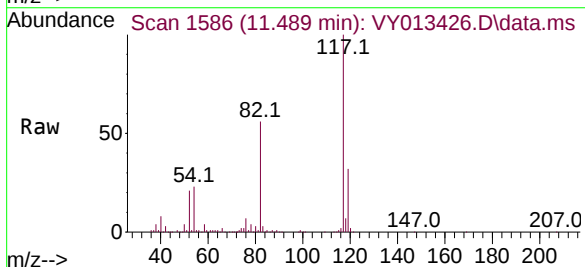
Instrument :
MSVOA_Y
ClientSampleId :
SPB-6WC-23-04-17

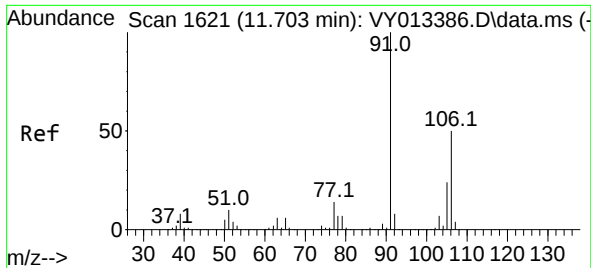
Tgt Ion: 95 Resp: 128030
Ion Ratio Lower Upper
95 100
174 88.0 0.0 182.0
176 85.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

Tgt Ion: 117 Resp: 293547
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.6
119 31.7 25.5 38.3

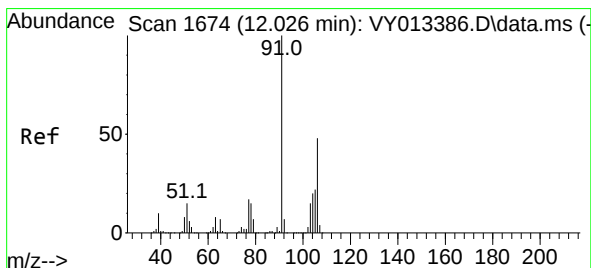
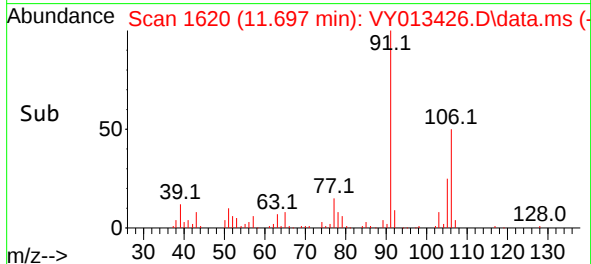
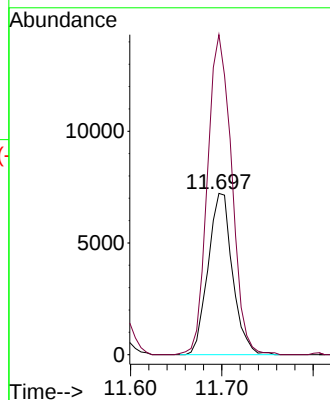
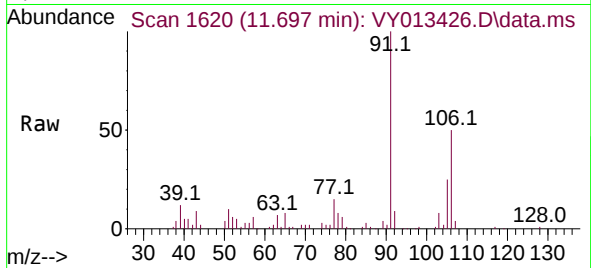




#68
m/p-Xylenes
Concen: 3.134 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

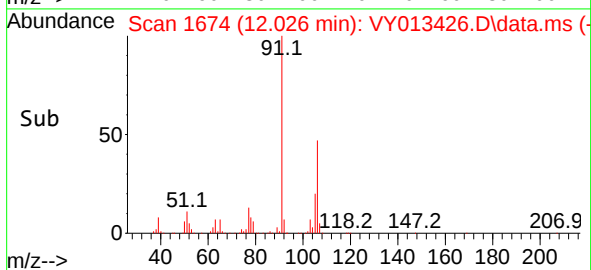
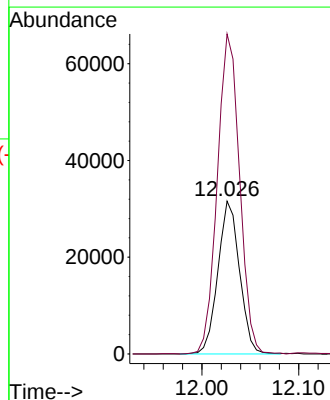
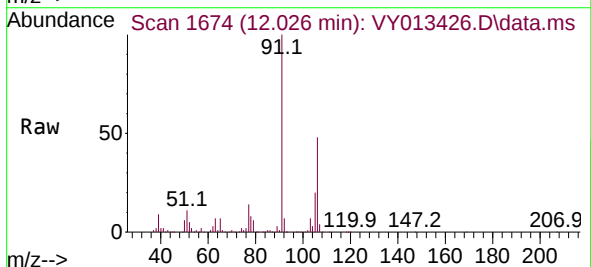
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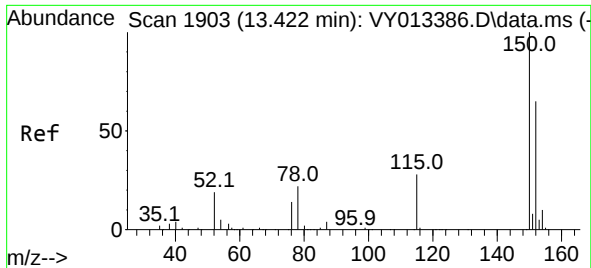
Tgt Ion:106 Resp: 13379
Ion Ratio Lower Upper
106 100
91 196.9 160.9 241.3



#69
o-Xylene
Concen: 12.139 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

Tgt Ion:106 Resp: 49005
Ion Ratio Lower Upper
106 100
91 216.0 105.5 316.4

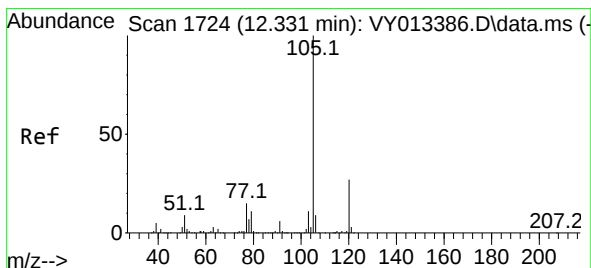
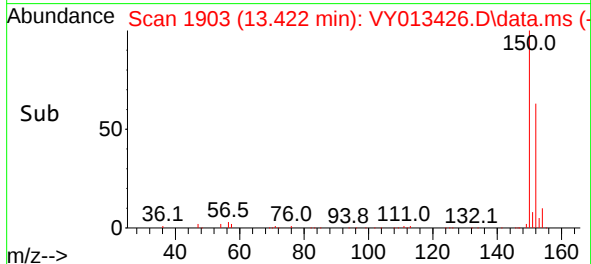
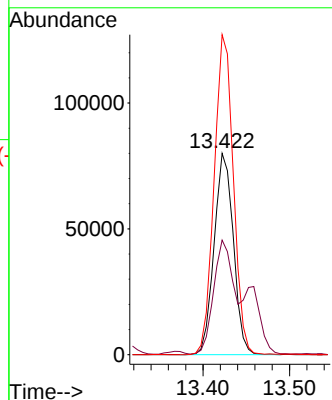
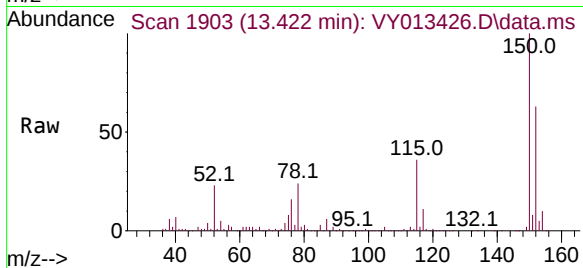




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013426.D
 Acq: 25 Apr 2023 04:14

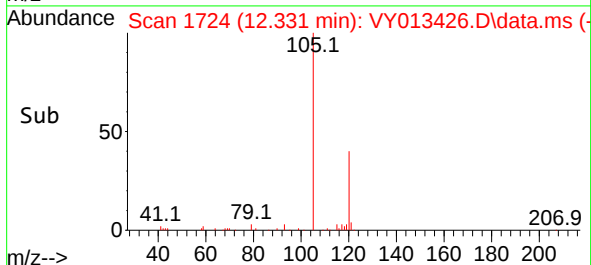
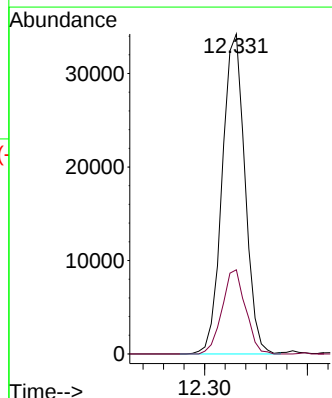
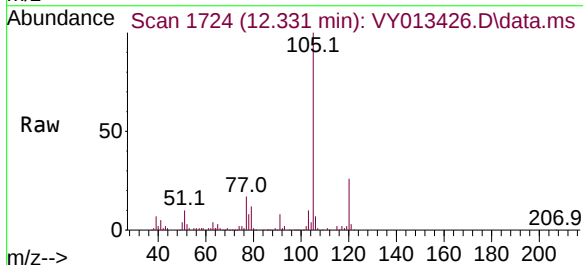
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-6WC-23-04-17

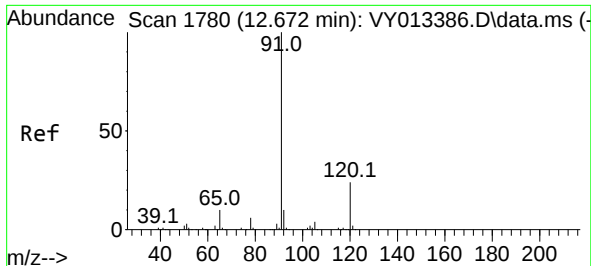
Tgt Ion:152 Resp: 123375
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.1 84.2
 150 158.9 0.0 352.0



#73
 Isopropylbenzene
 Concen: 5.631 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VY013426.D
 Acq: 25 Apr 2023 04:14

Tgt Ion:105 Resp: 52549
 Ion Ratio Lower Upper
 105 100
 120 27.1 13.7 41.0

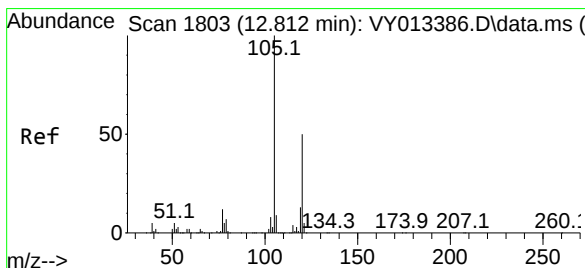
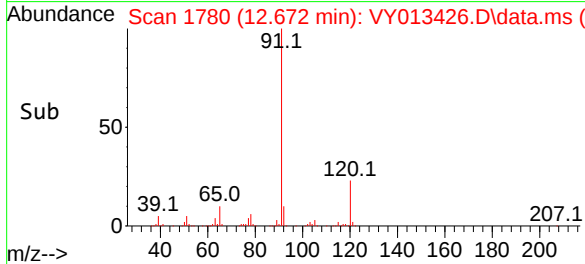
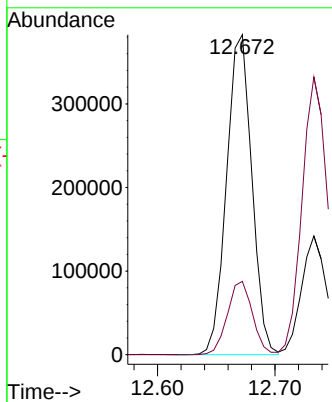
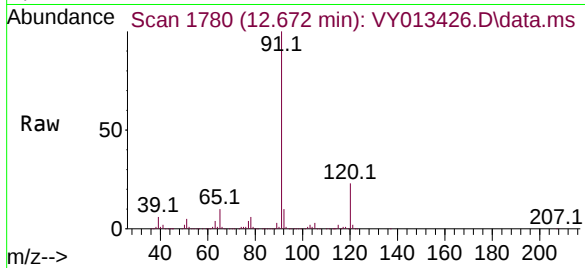




#78
n-propylbenzene
Concen: 49.898 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

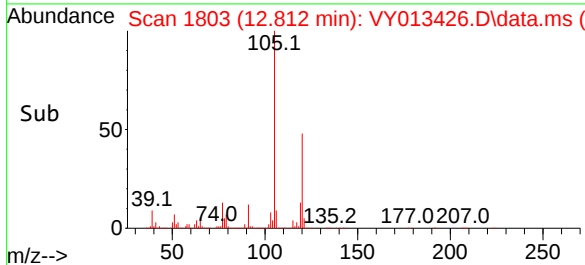
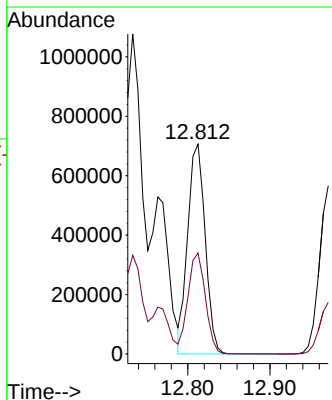
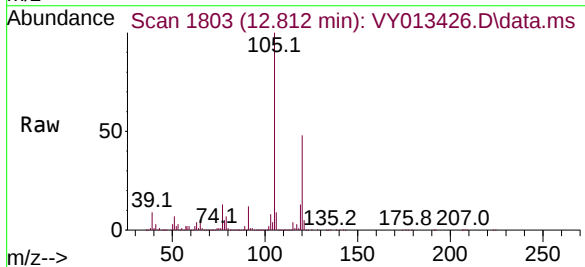
Instrument :
MSVOA_Y
ClientSampleId :
SPB-6WC-23-04-17

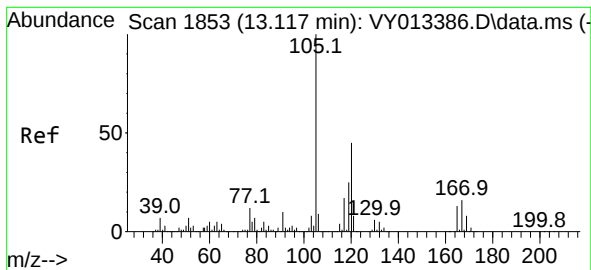
Tgt Ion: 91 Resp: 573529
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 136.873 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013426.D
Acq: 25 Apr 2023 04:14

Tgt Ion: 105 Resp: 1042488
Ion Ratio Lower Upper
105 100
120 48.0 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 465.084 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013426.D

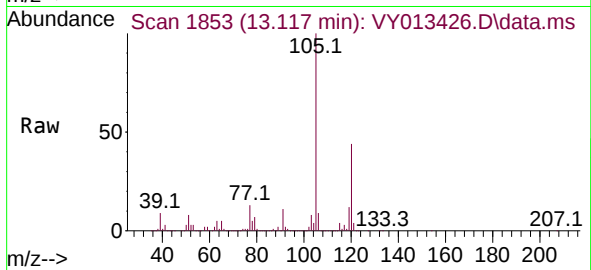
Acq: 25 Apr 2023 04:14

Instrument :

MSVOA_Y

ClientSampleId :

SPB-6WC-23-04-17



Tgt Ion:105 Resp: 3443941

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9

