

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014266.D
 Acq On : 20 Jun 2023 07:23
 Operator : KP/MD
 Sample : 03302-01
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Jun 20 11:24:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

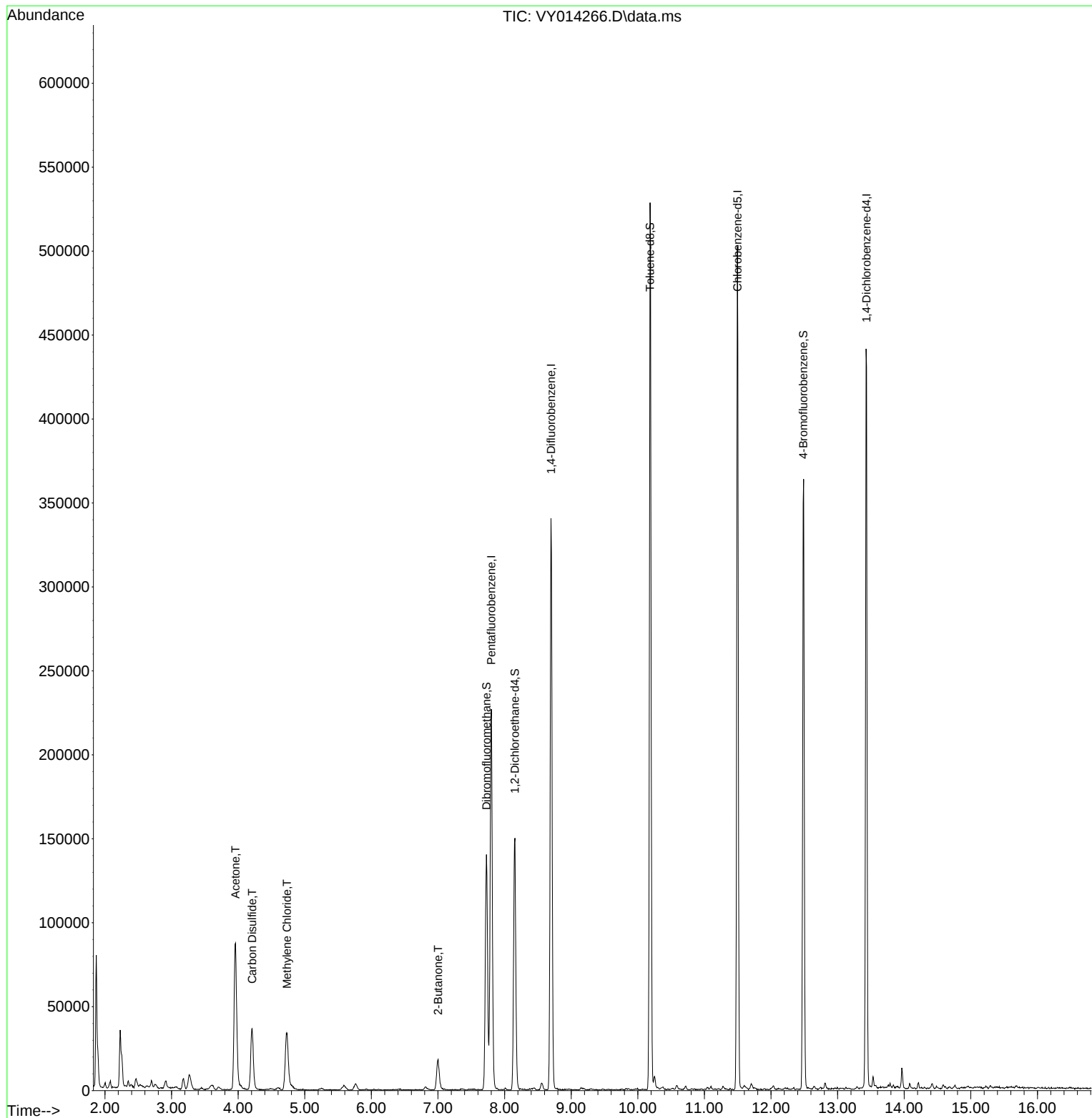
Internal Standards						
1) Pentafluorobenzene	7.801	168	174928	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	281872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	115049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	125617	51.569	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.140%
35) Dibromofluoromethane	7.728	113	96260	48.155	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.185	98	336427	45.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.483	95	105332	39.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.360%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	157885	215.027	ug/l	98
17) Carbon Disulfide	4.210	76	72442	11.193	ug/l	98
20) Methylene Chloride	4.735	84	25088	7.667	ug/l	96
25) 2-Butanone	7.003	43	31350	34.685	ug/l	100

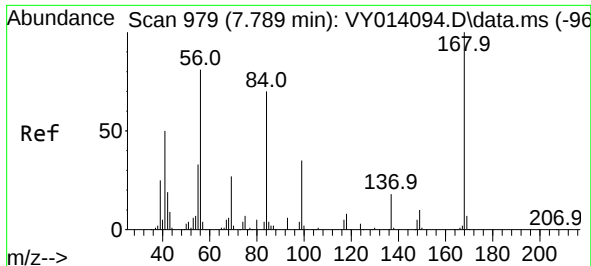
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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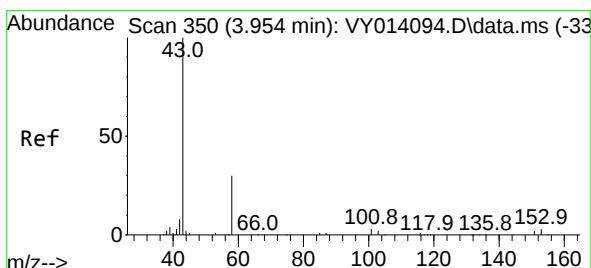
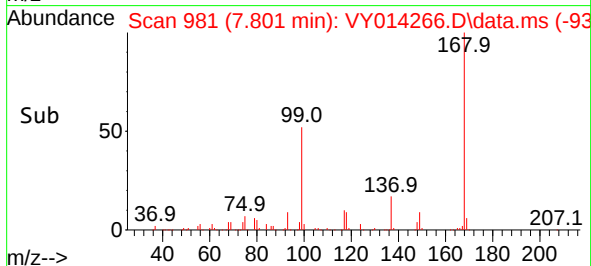
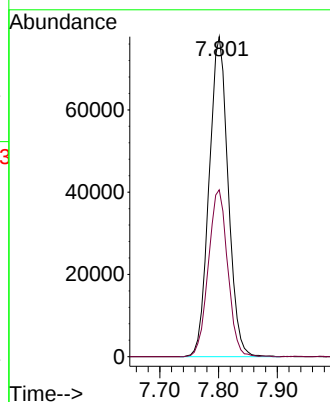
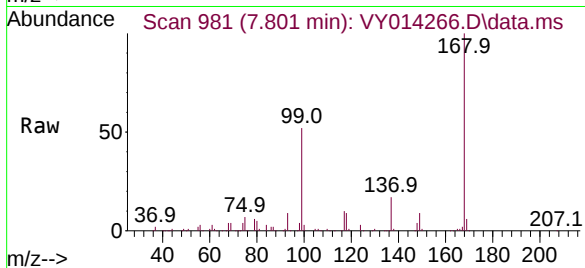




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014266.D
Acq: 20 Jun 2023 07:23

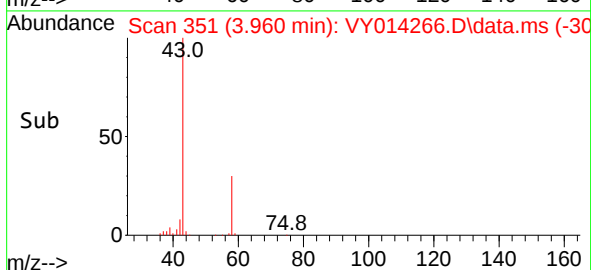
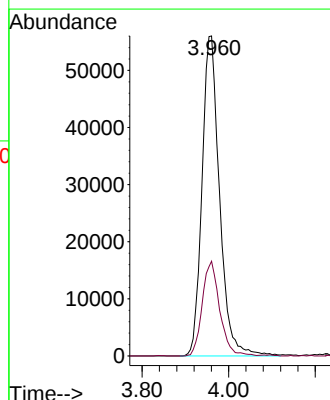
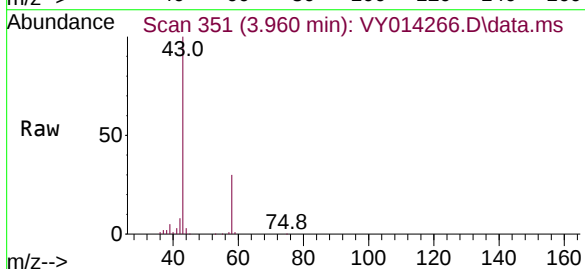
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

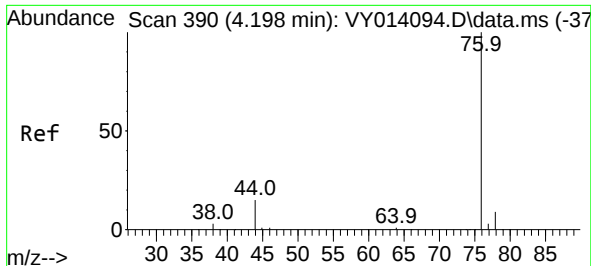
Tgt Ion:168 Resp: 174928
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#16
Acetone
Concen: 215.027 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014266.D
Acq: 20 Jun 2023 07:23

Tgt Ion: 43 Resp: 157885
Ion Ratio Lower Upper
43 100
58 29.6 22.7 34.1

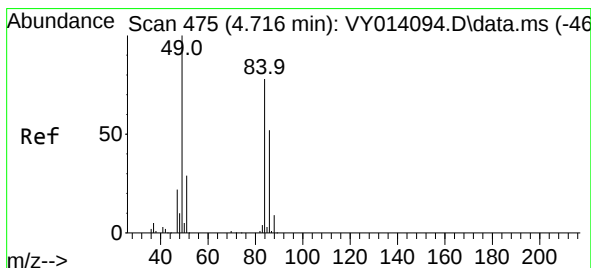
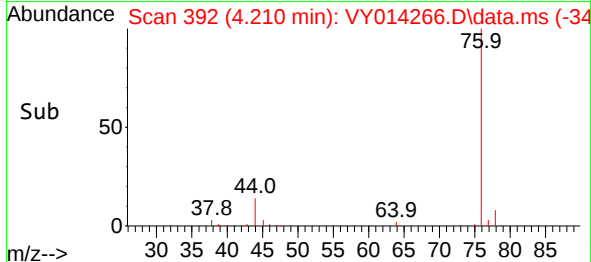
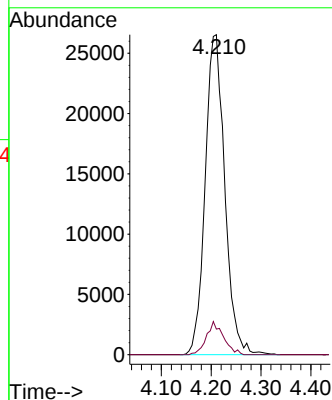
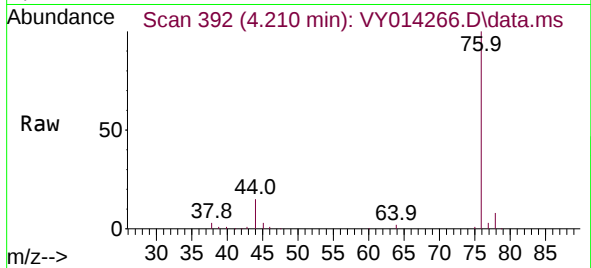




#17
Carbon Disulfide
Concen: 11.193 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY014266.D
Acq: 20 Jun 2023 07:23

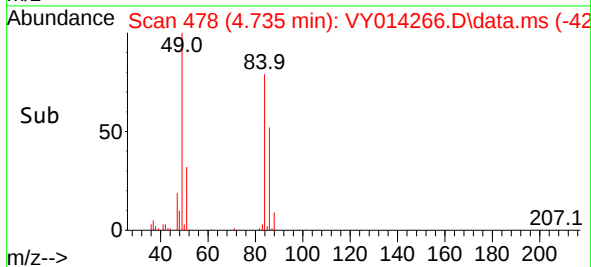
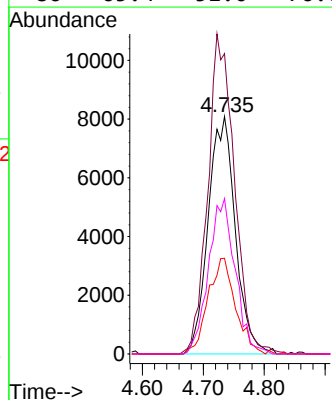
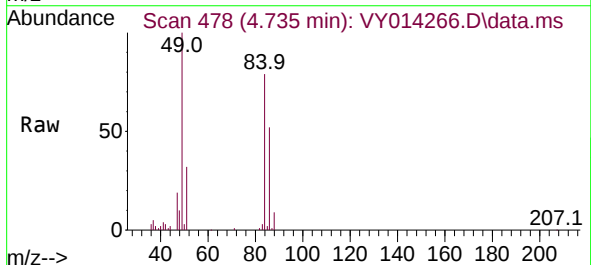
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

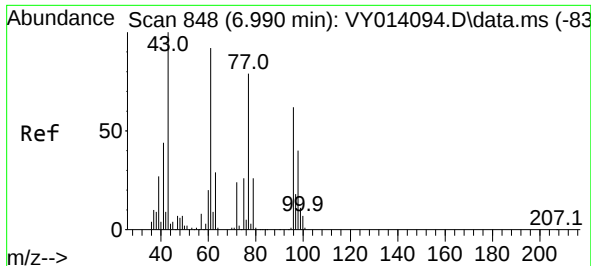
Tgt Ion: 76 Resp: 72442
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#20
Methylene Chloride
Concen: 7.667 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.019 min
Lab File: VY014266.D
Acq: 20 Jun 2023 07:23

Tgt Ion: 84 Resp: 25088
Ion Ratio Lower Upper
84 100
49 126.5 106.9 160.3
51 40.3 33.2 49.8
86 65.4 51.0 76.6

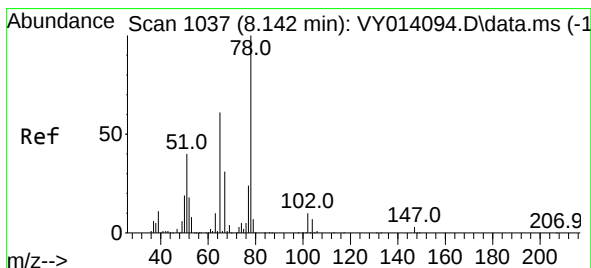
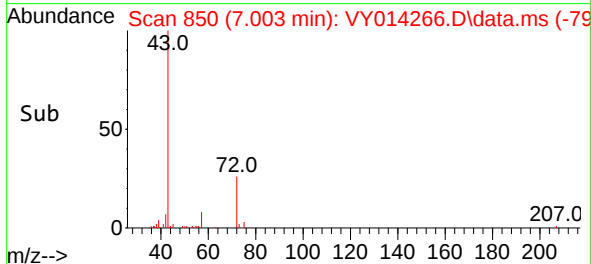
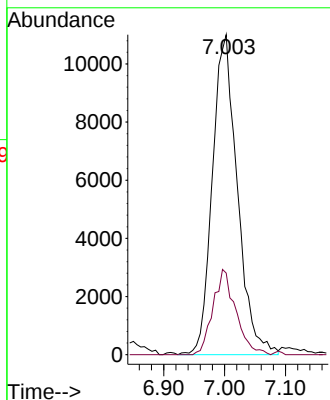
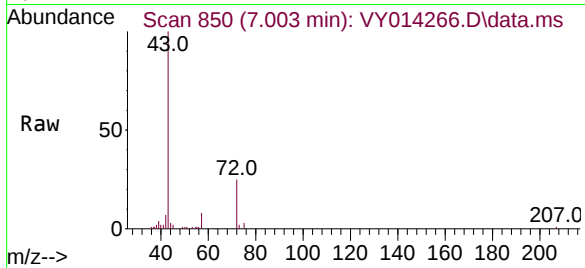




#25
2-Butanone
Concen: 34.685 ug/l
RT: 7.003 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY014266.D
Acq: 20 Jun 2023 07:23

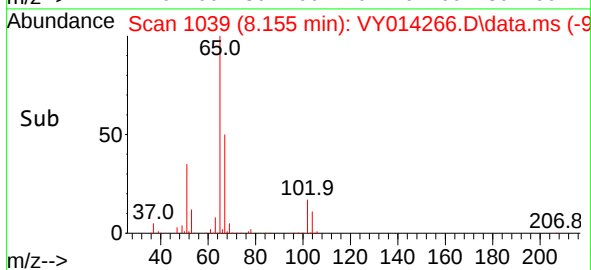
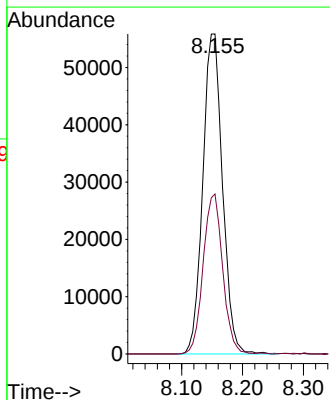
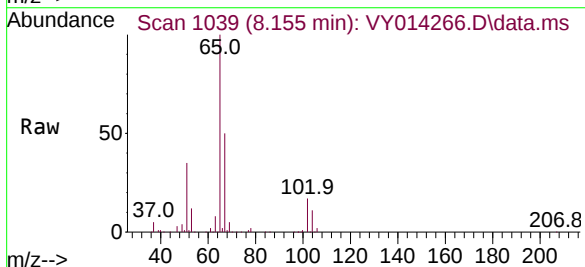
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

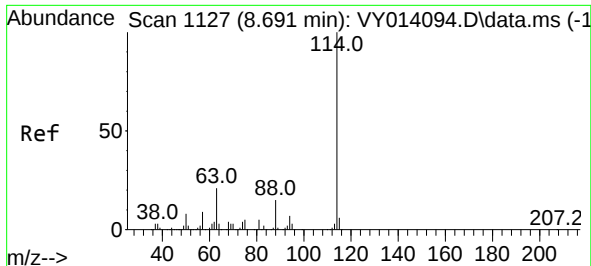
Tgt Ion: 43 Resp: 31350
Ion Ratio Lower Upper
43 100
72 25.5 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 51.569 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014266.D
Acq: 20 Jun 2023 07:23

Tgt Ion: 65 Resp: 125617
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014266.D

Acq: 20 Jun 2023 07:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

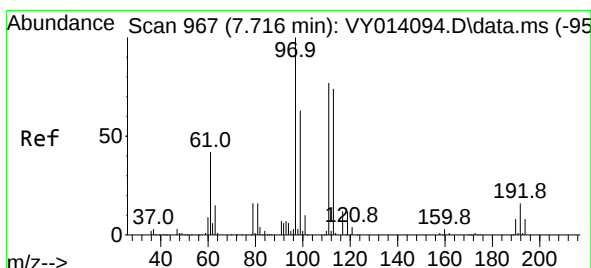
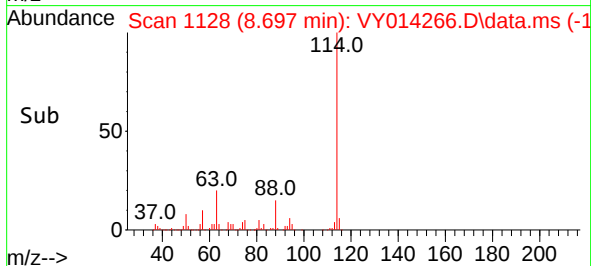
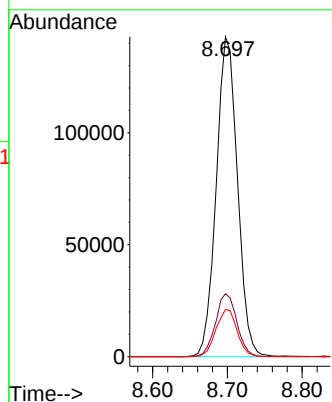
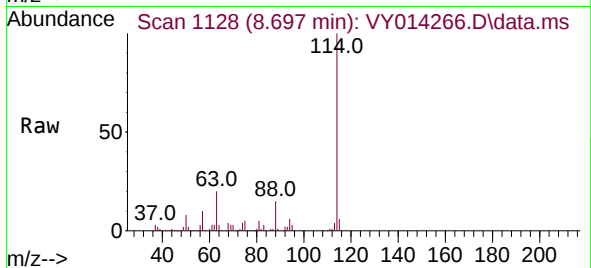
Tgt Ion:114 Resp: 281872

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.155 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014266.D

Acq: 20 Jun 2023 07:23

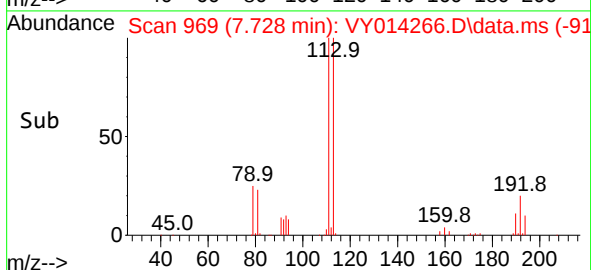
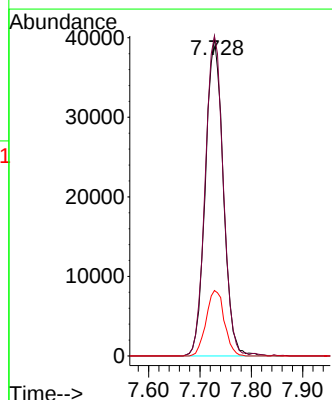
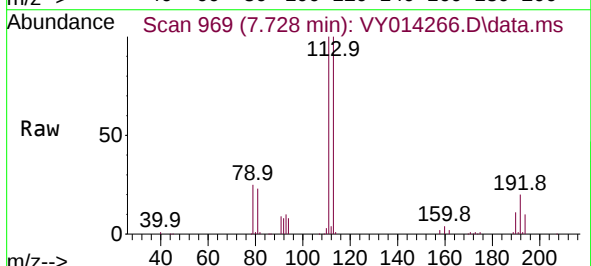
Tgt Ion:113 Resp: 96260

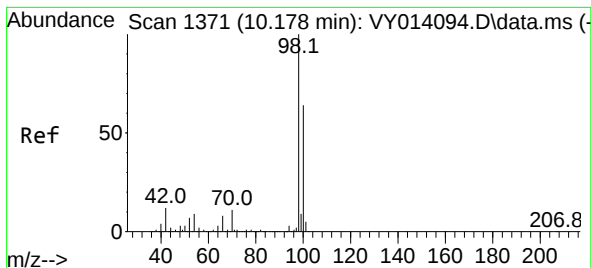
Ion Ratio Lower Upper

113 100

111 101.3 81.3 121.9

192 21.0 16.9 25.3





#50

Toluene-d8

Concen: 45.017 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014266.D

Acq: 20 Jun 2023 07:23

Instrument :

MSVOA_Y

ClientSampleId :

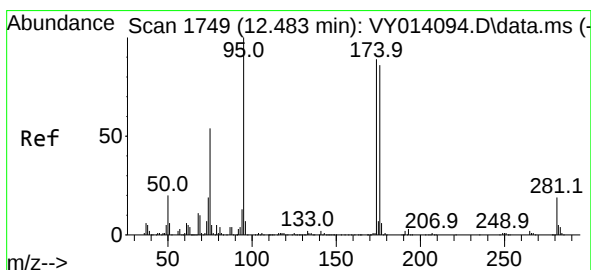
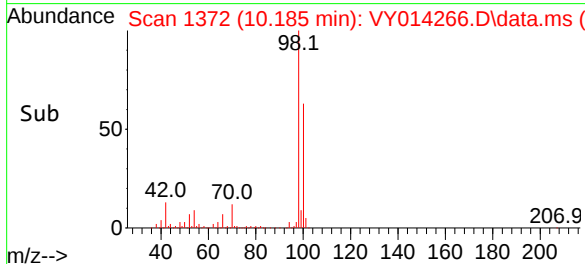
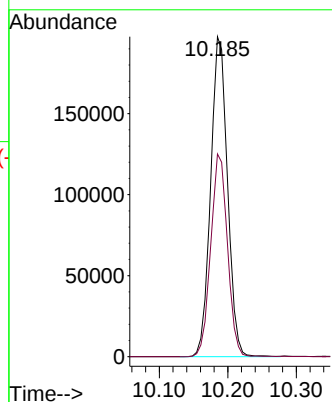
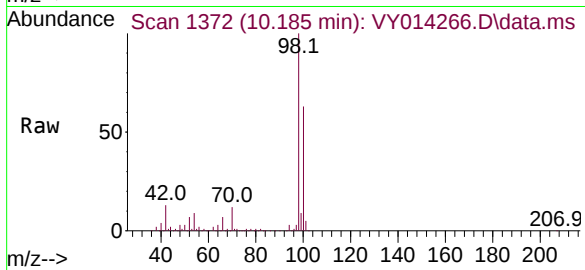
SB-1

Tgt Ion: 98 Resp: 336427

Ion Ratio Lower Upper

98 100

100 63.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.677 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014266.D

Acq: 20 Jun 2023 07:23

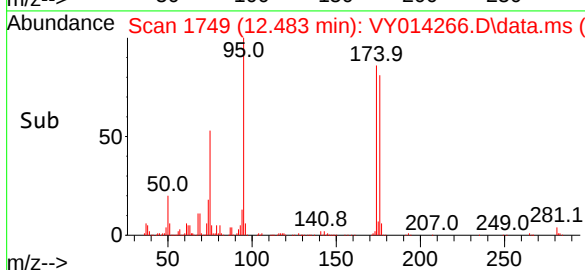
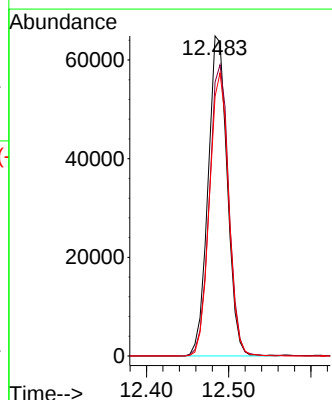
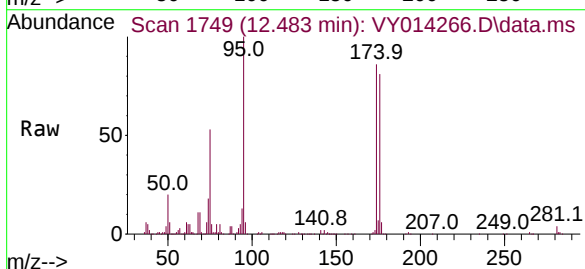
Tgt Ion: 95 Resp: 105332

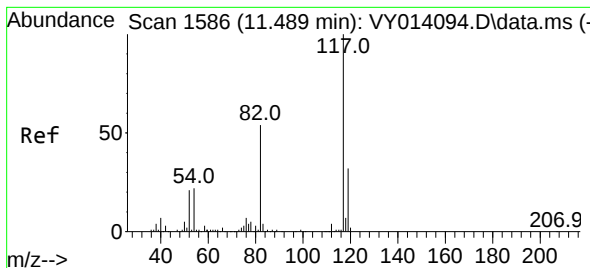
Ion Ratio Lower Upper

95 100

174 92.1 0.0 178.2

176 88.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014266.D

Acq: 20 Jun 2023 07:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

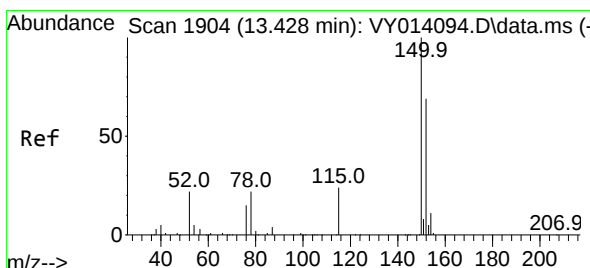
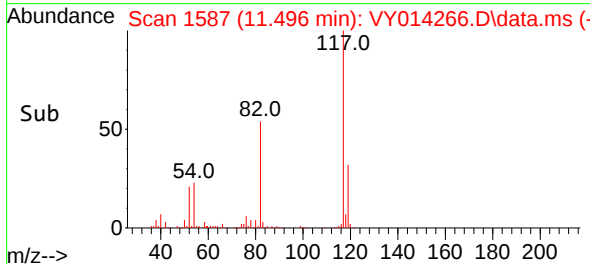
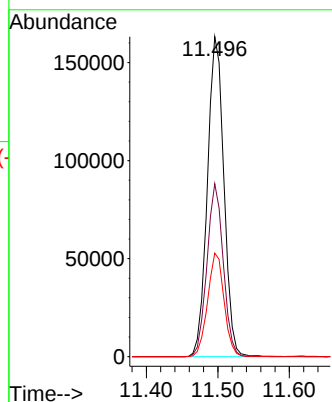
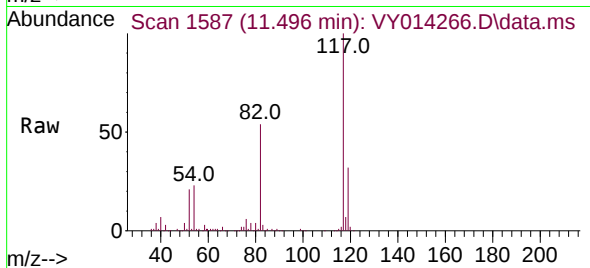
Tgt Ion:117 Resp: 261796

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014266.D

Acq: 20 Jun 2023 07:23

Tgt Ion:152 Resp: 115049

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 158.3 0.0 348.8

