

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010852.D
 Acq On : 06 Oct 2022 18:00
 Operator : KP/MD
 Sample : N5004-08RE
 Misc : 6.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22009-18RE

Quant Time: Oct 07 02:30:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

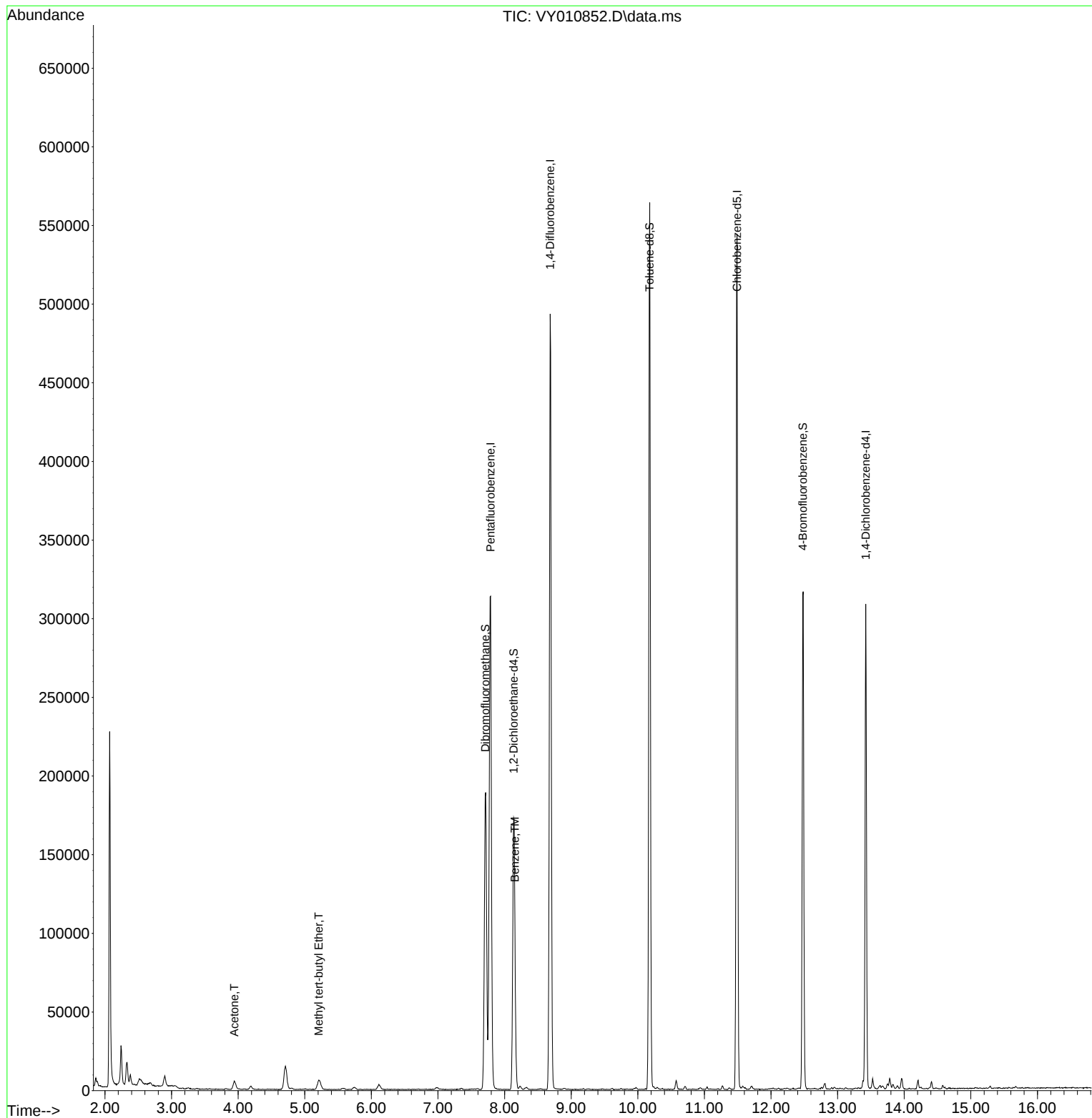
Internal Standards						
1) Pentafluorobenzene	7.789	168	248404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	414356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126776	50.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.700%	
35) Dibromofluoromethane	7.710	113	137428	49.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.920%	
50) Toluene-d8	10.179	98	369139	39.243	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.480%	
62) 4-Bromofluorobenzene	12.477	95	95084	23.957	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 47.920%	
Target Compounds						Qvalue
16) Acetone	3.942	43	9838	15.384	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	9852	1.603	ug/l	97
40) Benzene	8.155	78	22576	1.974	ug/l	99

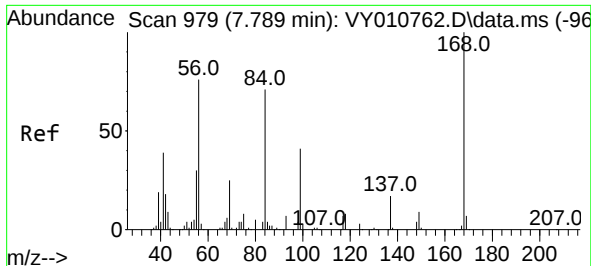
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
Data File : VY010852.D
Acq On : 06 Oct 2022 18:00
Operator : KP/MD
Sample : N5004-08RE
Misc : 6.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22009-18RE

Quant Time: Oct 07 02:30:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

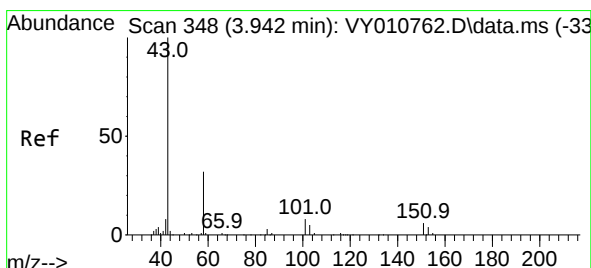
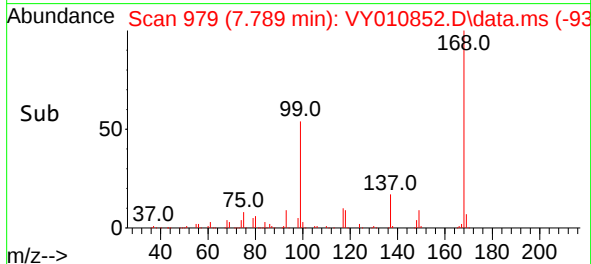
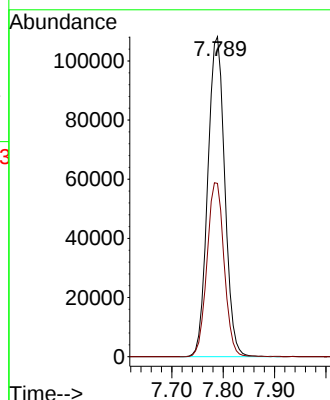
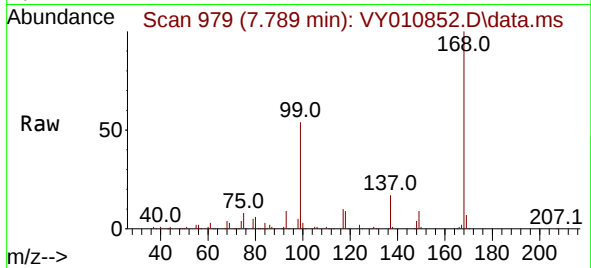




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010852.D
Acq: 06 Oct 2022 18:00

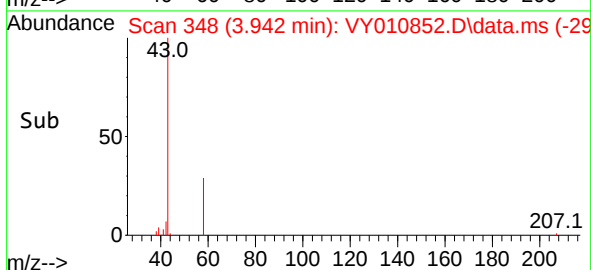
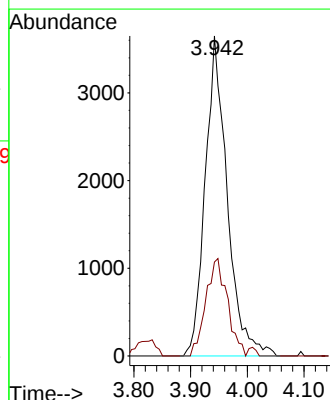
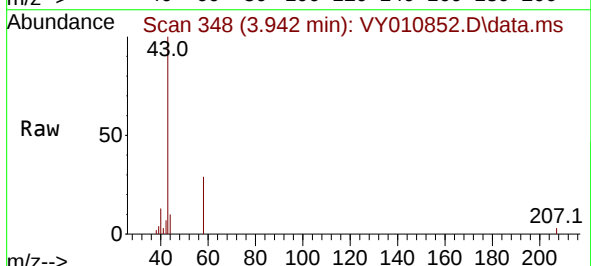
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18RE

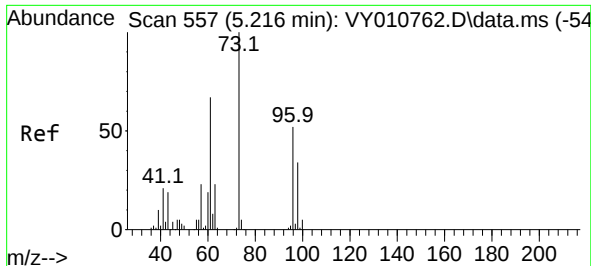
Tgt Ion:168 Resp: 248404
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#16
Acetone
Concen: 15.384 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010852.D
Acq: 06 Oct 2022 18:00

Tgt Ion: 43 Resp: 9838
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0

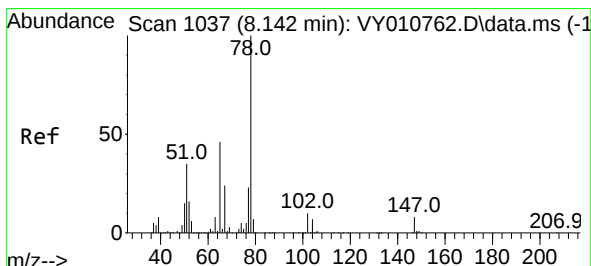
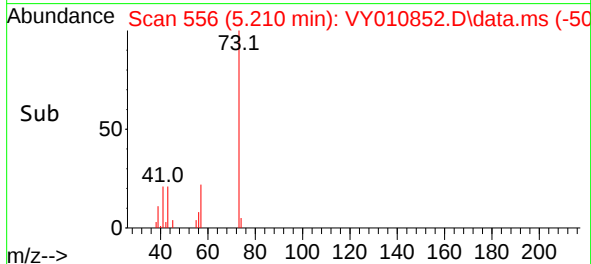
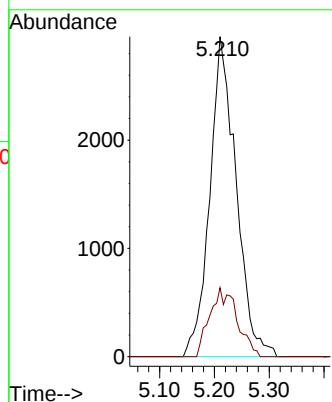
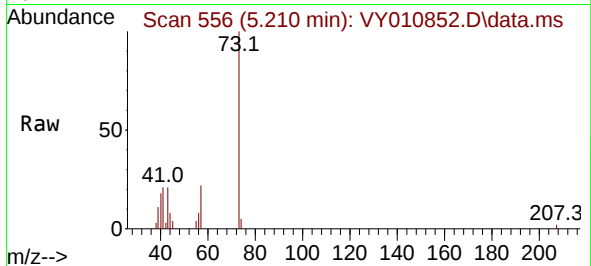




#19
Methyl tert-butyl Ether
Concen: 1.603 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010852.D
Acq: 06 Oct 2022 18:00

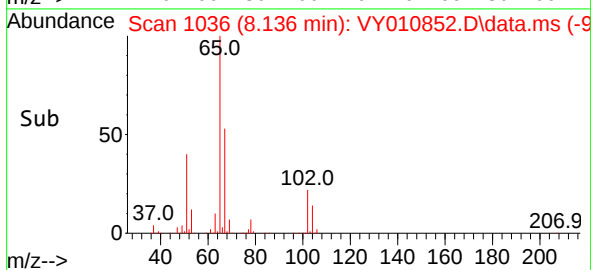
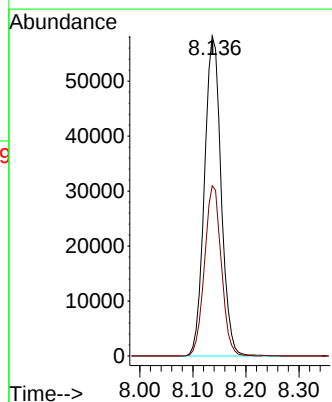
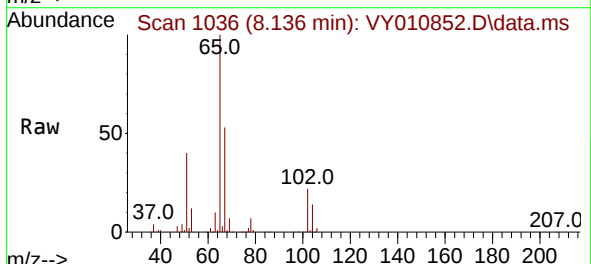
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18RE

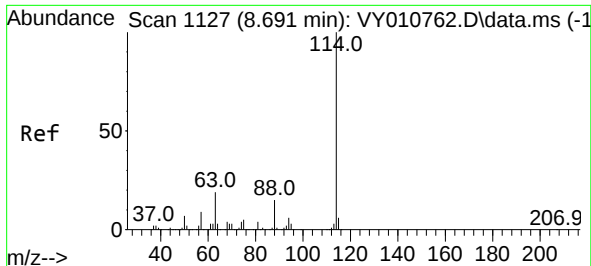
Tgt Ion: 73 Resp: 9852
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#33
1,2-Dichloroethane-d4
Concen: 50.350 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010852.D
Acq: 06 Oct 2022 18:00

Tgt Ion: 65 Resp: 126776
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010852.D

Acq: 06 Oct 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

D22009-18RE

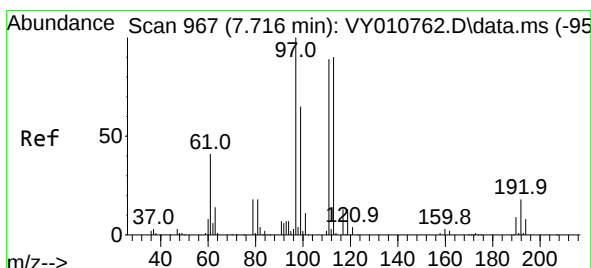
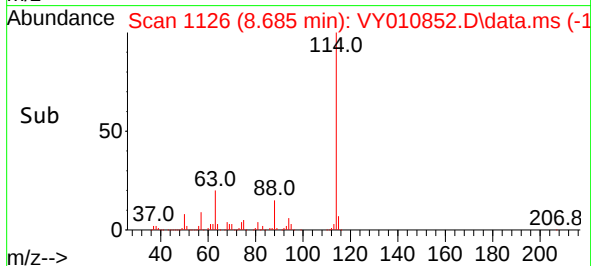
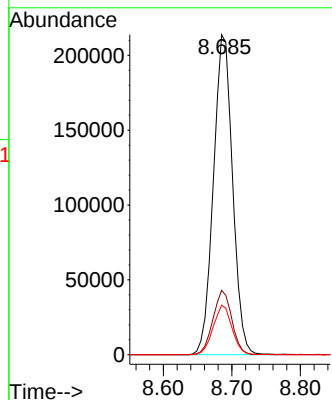
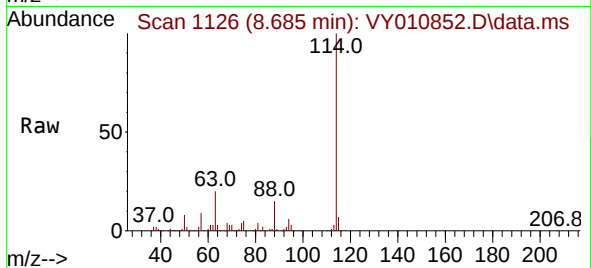
Tgt Ion:114 Resp: 414356

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.964 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010852.D

Acq: 06 Oct 2022 18:00

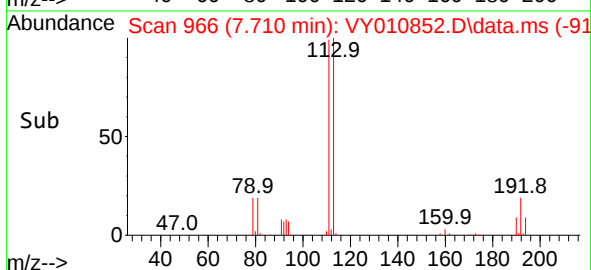
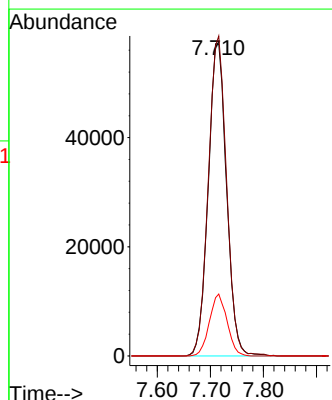
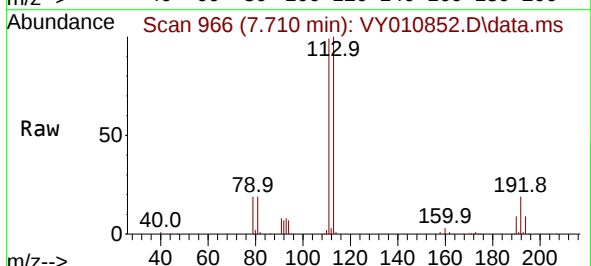
Tgt Ion:113 Resp: 137428

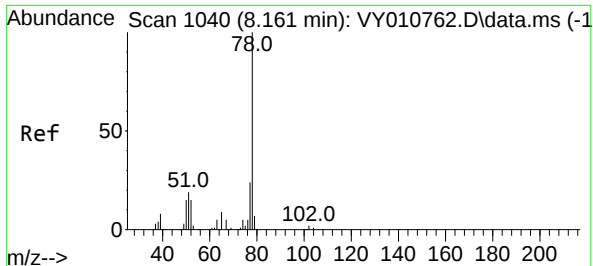
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 19.1 17.6 26.4

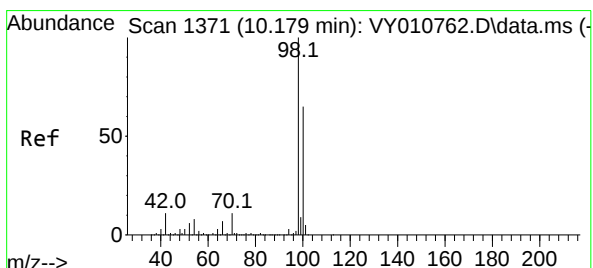
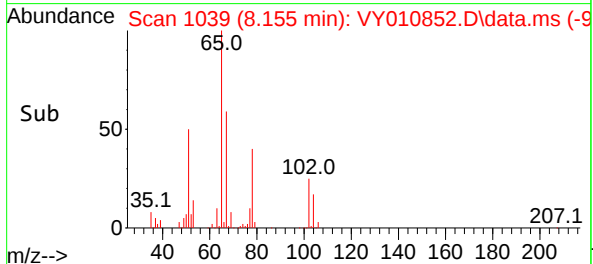
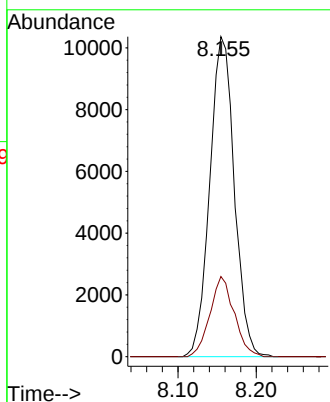
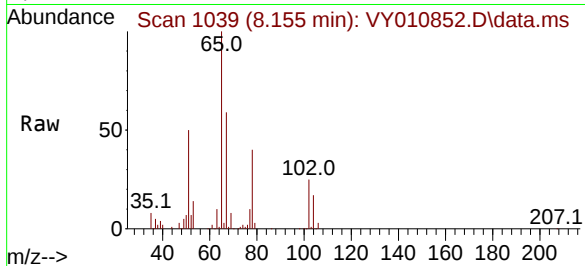




#40
Benzene
Concen: 1.974 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY010852.D
Acq: 06 Oct 2022 18:00

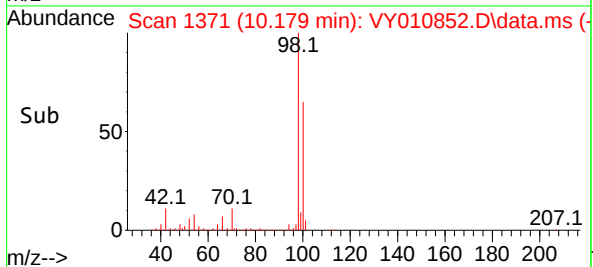
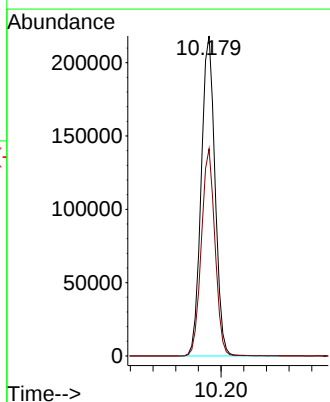
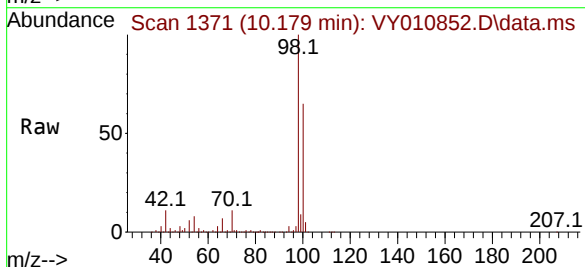
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18RE

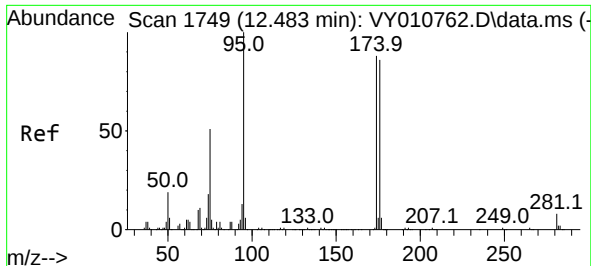
Tgt Ion: 78 Resp: 22576
Ion Ratio Lower Upper
78 100
77 25.0 20.4 30.6



#50
Toluene-d8
Concen: 39.243 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010852.D
Acq: 06 Oct 2022 18:00

Tgt Ion: 98 Resp: 369139
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 23.957 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010852.D

Acq: 06 Oct 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

D22009-18RE

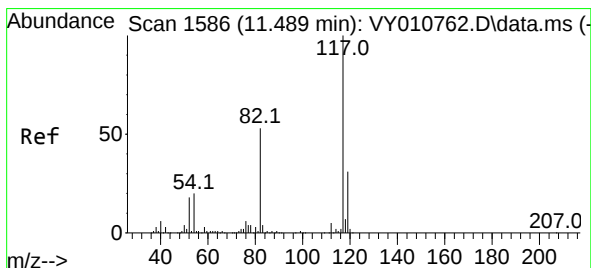
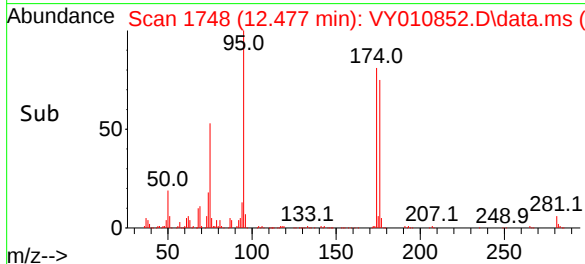
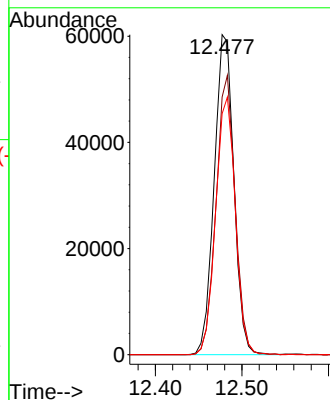
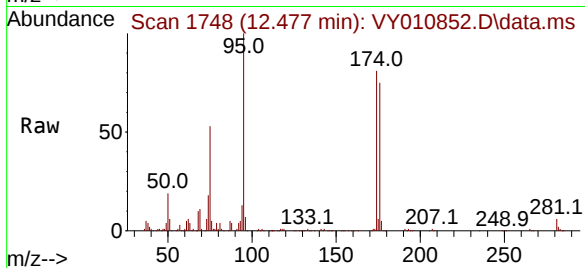
Tgt Ion: 95 Resp: 95084

Ion Ratio Lower Upper

95 100

174 84.8 0.0 177.0

176 80.7 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010852.D

Acq: 06 Oct 2022 18:00

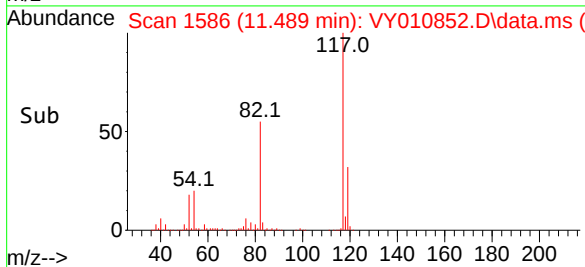
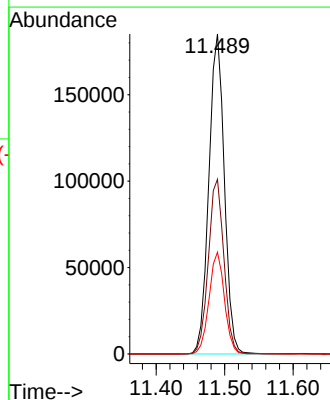
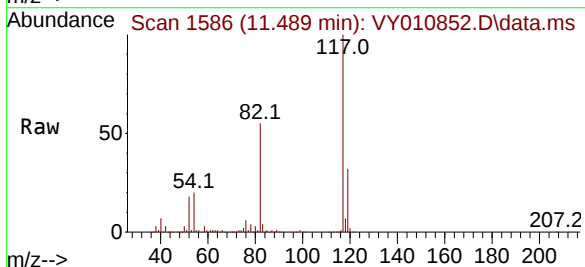
Tgt Ion: 117 Resp: 291638

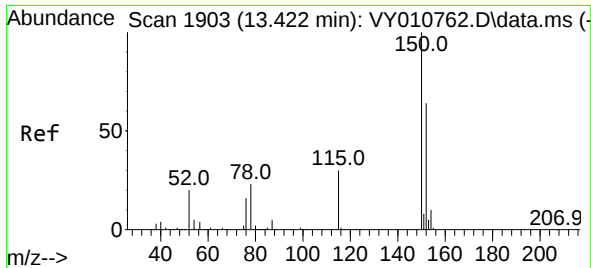
Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

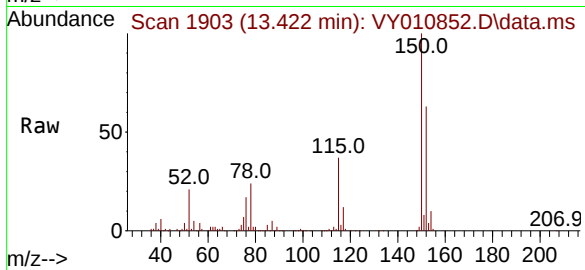
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010852.D
 Acq: 06 Oct 2022 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22009-18RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	159.0	0.0	347.6

