

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014267.D
 Acq On : 20 Jun 2023 07:46
 Operator : KP/MD
 Sample : 03302-02
 Misc : 3.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Jun 20 11:24:58 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)

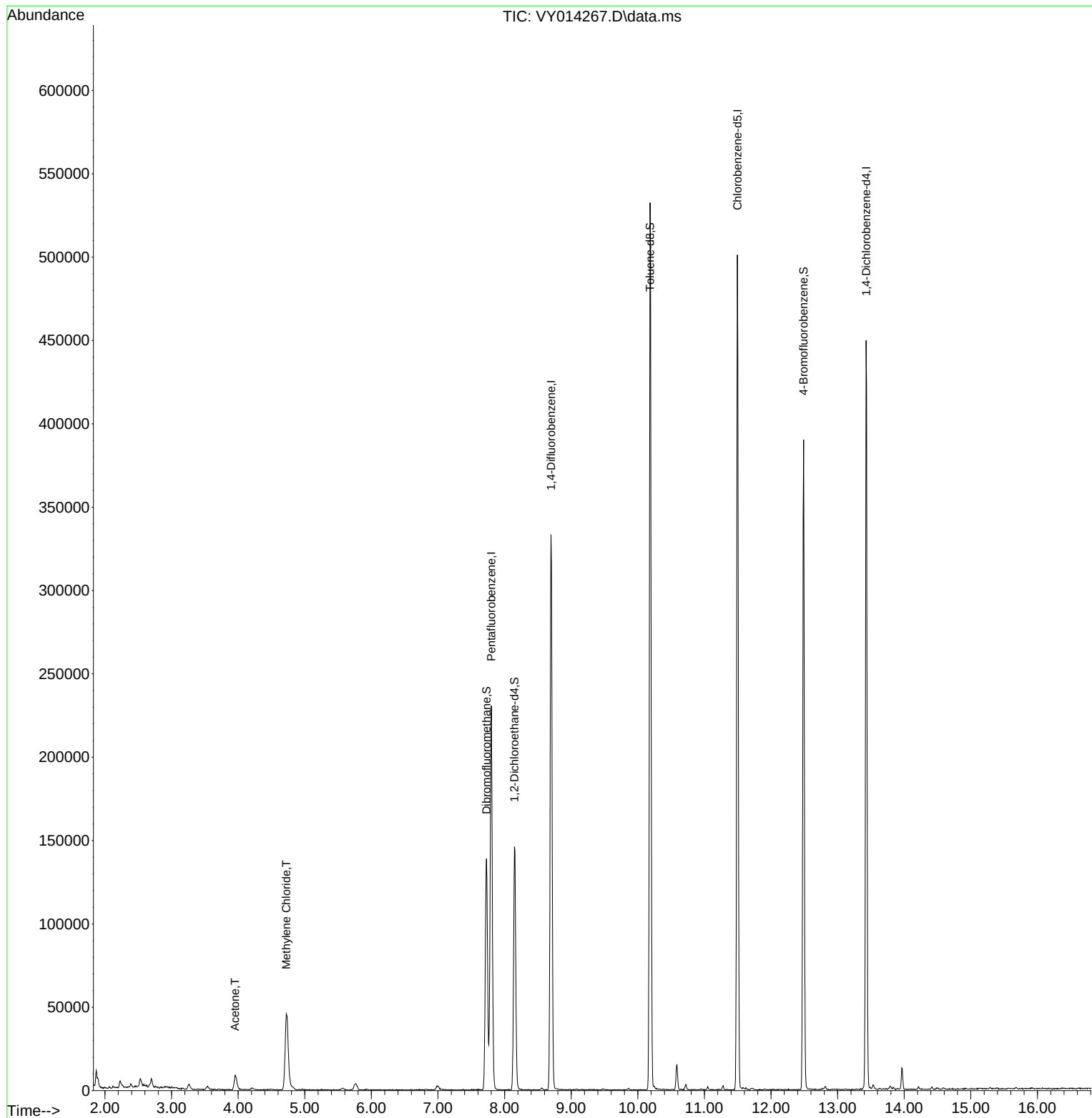
Internal Standards						
1) Pentafluorobenzene	7.801	168	176088	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	283197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	263788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124200	50.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.300%
35) Dibromofluoromethane	7.728	113	95272	47.437	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.185	98	343417	45.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.489	95	103678	38.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.740%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	15558	21.049	ug/l	90
20) Methylene Chloride	4.722	84	34050	11.682	ug/l	96

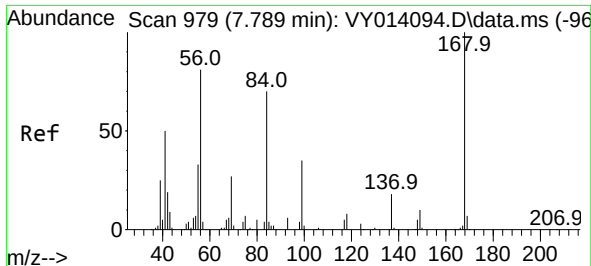
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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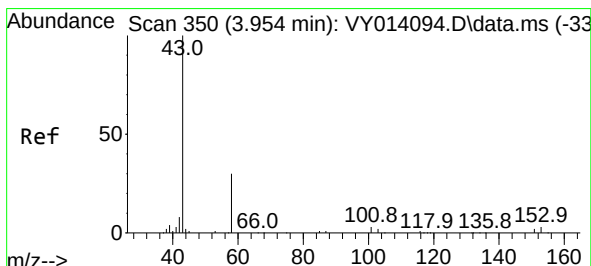
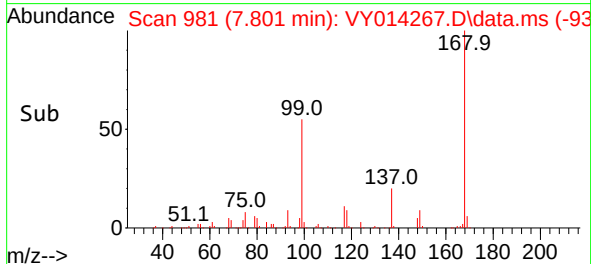
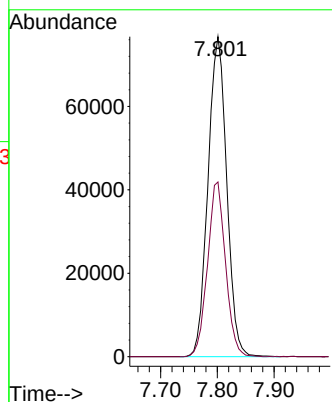
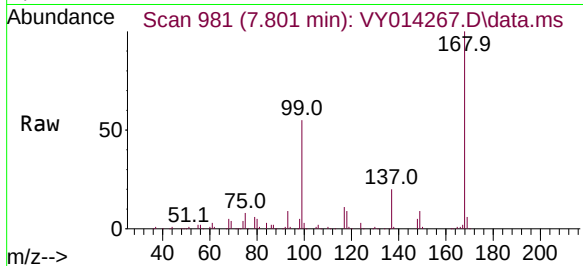




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014267.D
Acq: 20 Jun 2023 07:46

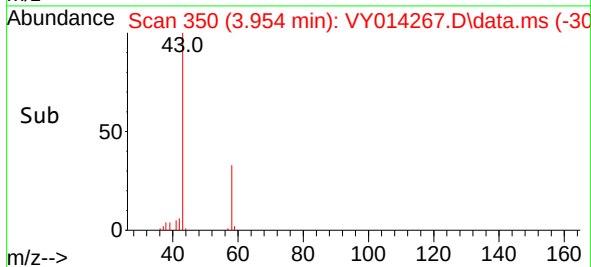
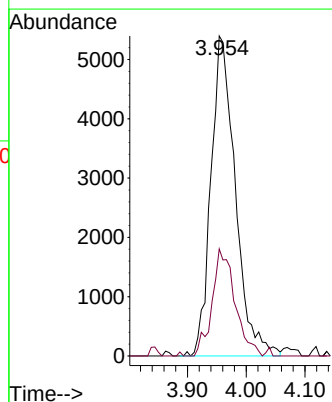
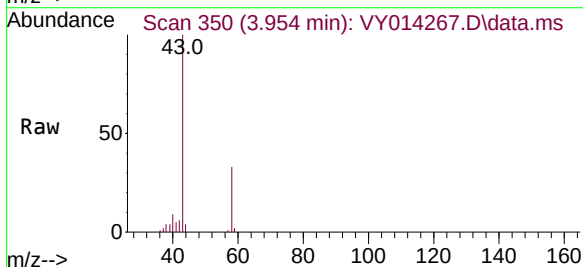
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

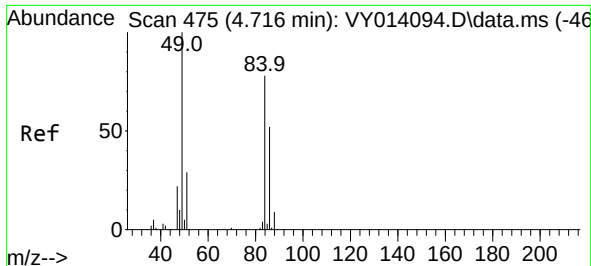
Tgt Ion:168 Resp: 176088
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 21.049 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014267.D
Acq: 20 Jun 2023 07:46

Tgt Ion: 43 Resp: 15558
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1

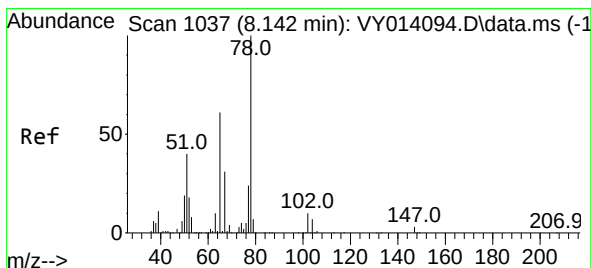
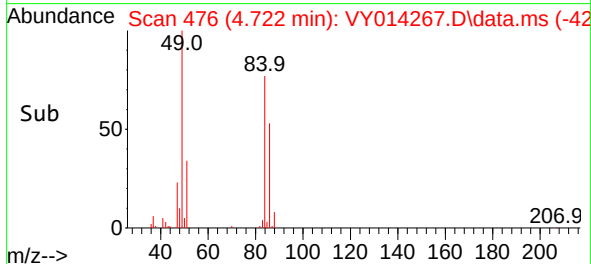
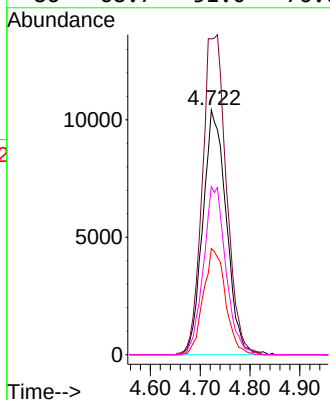
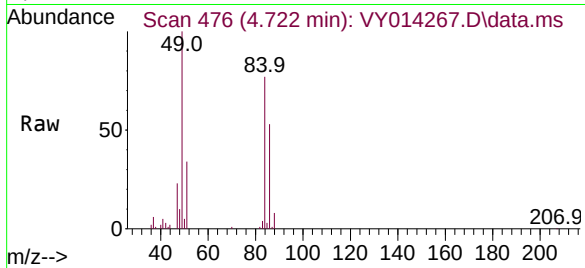




#20
Methylene Chloride
Concen: 11.682 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014267.D
Acq: 20 Jun 2023 07:46

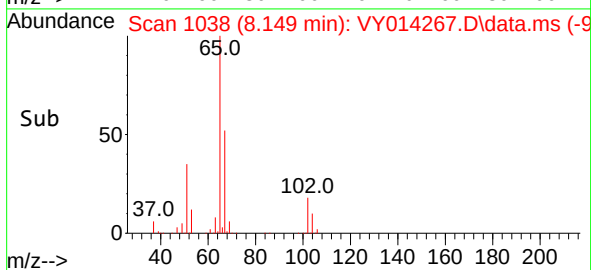
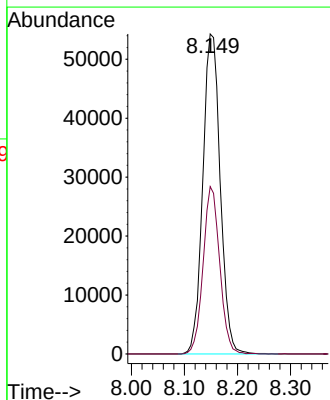
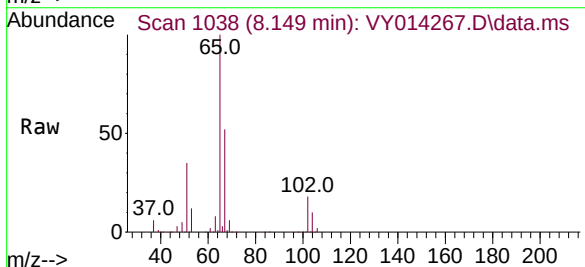
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

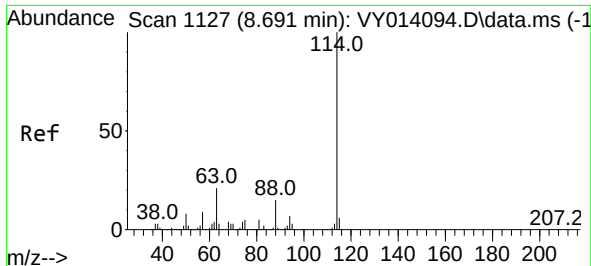
Tgt Ion: 84 Resp: 34050
Ion Ratio Lower Upper
84 100
49 129.1 106.9 160.3
51 43.4 33.2 49.8
86 68.7 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 50.651 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014267.D
Acq: 20 Jun 2023 07:46

Tgt Ion: 65 Resp: 124200
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8

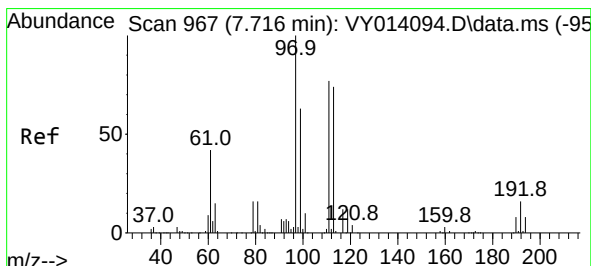
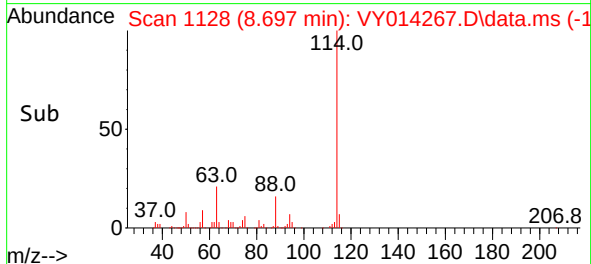
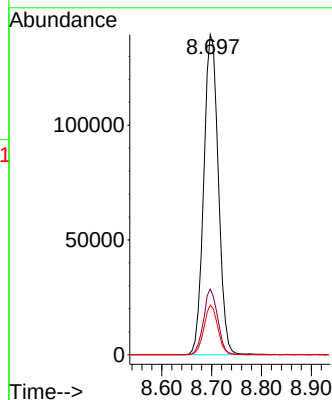
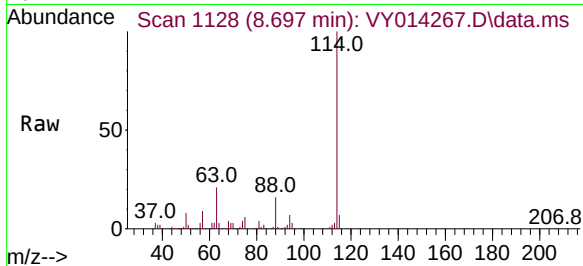




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014267.D
Acq: 20 Jun 2023 07:46

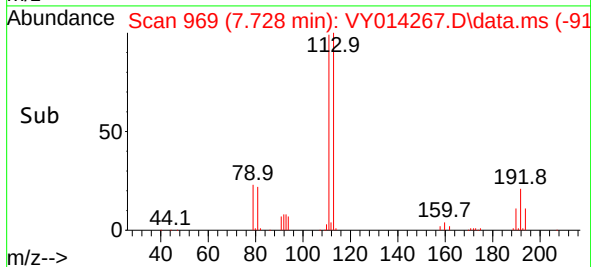
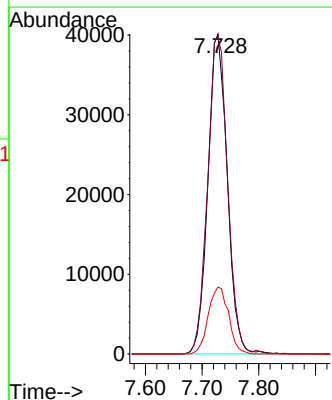
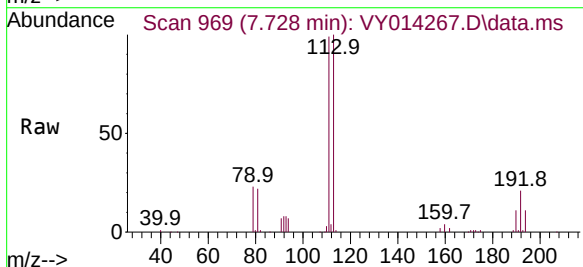
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

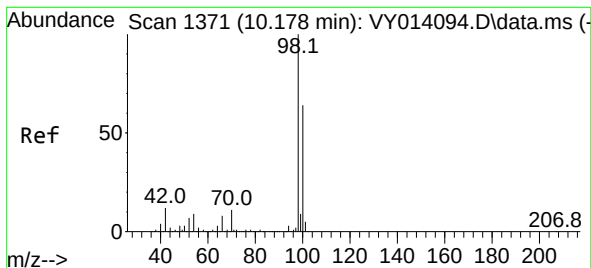
Tgt Ion:114 Resp: 283197
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.437 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014267.D
Acq: 20 Jun 2023 07:46

Tgt Ion:113 Resp: 95272
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.9 16.9 25.3





#50

Toluene-d8

Concen: 45.737 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014267.D

Acq: 20 Jun 2023 07:46

Instrument :

MSVOA_Y

ClientSampleId :

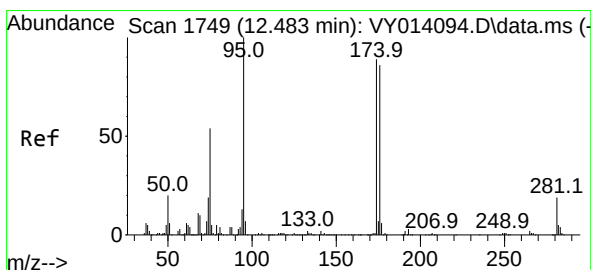
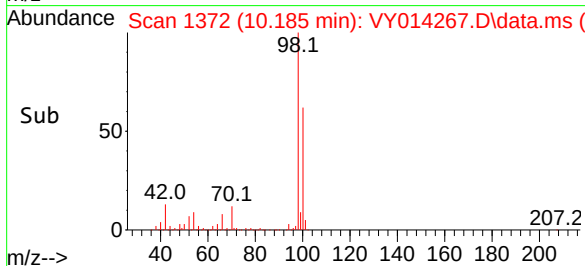
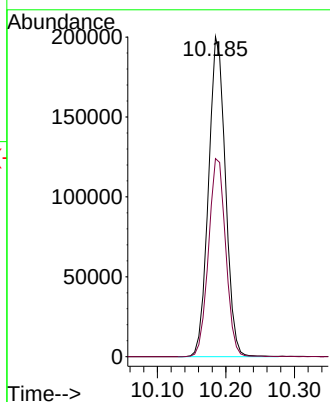
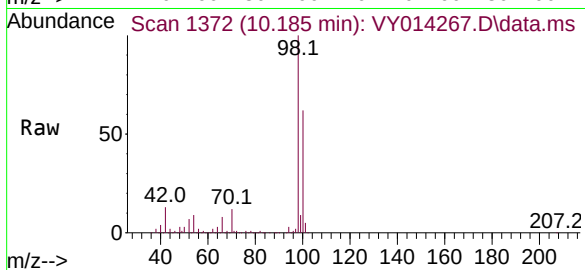
SB-2

Tgt Ion: 98 Resp: 343417

Ion Ratio Lower Upper

98 100

100 62.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 38.871 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY014267.D

Acq: 20 Jun 2023 07:46

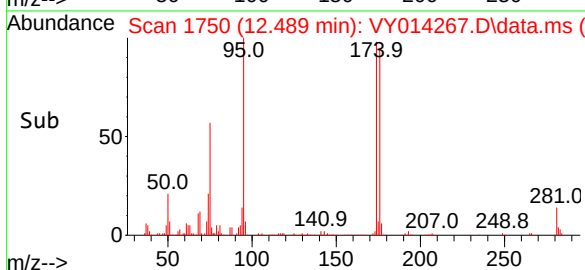
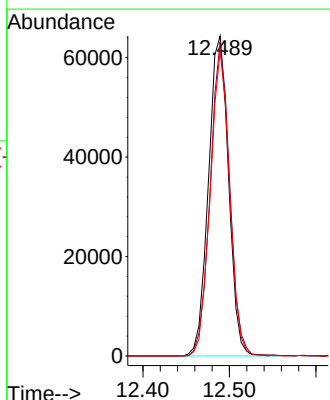
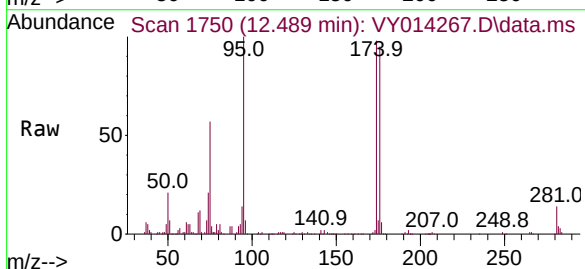
Tgt Ion: 95 Resp: 103678

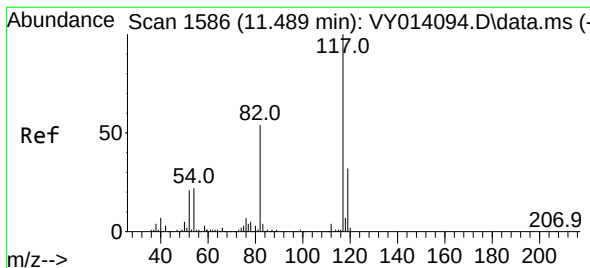
Ion Ratio Lower Upper

95 100

174 94.9 0.0 178.2

176 91.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014267.D

Acq: 20 Jun 2023 07:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

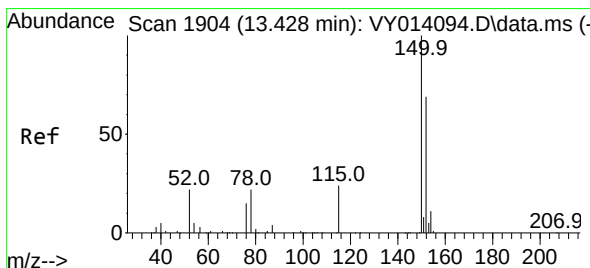
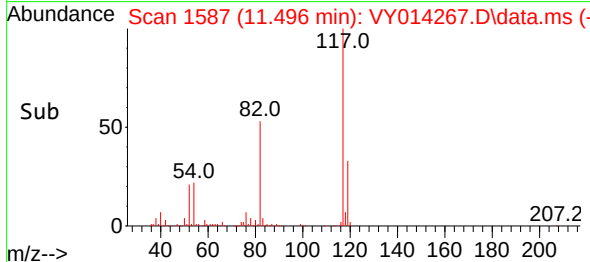
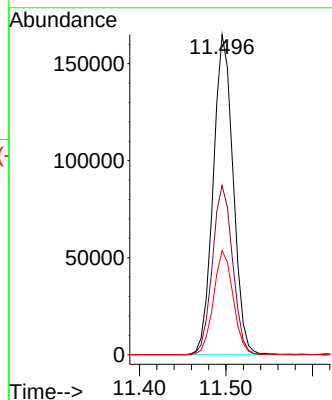
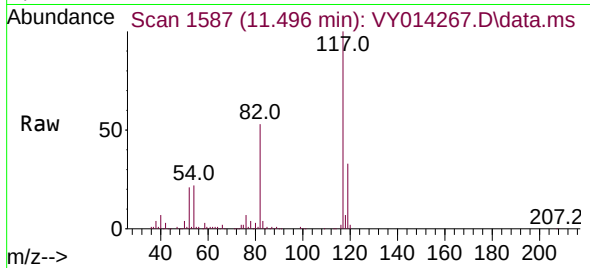
Tgt Ion:117 Resp: 263788

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014267.D

Acq: 20 Jun 2023 07:46

Tgt Ion:152 Resp: 114772

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 157.7 0.0 348.8

