

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010574.D
 Acq On : 20 Sep 2022 14:25
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 21 01:20:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

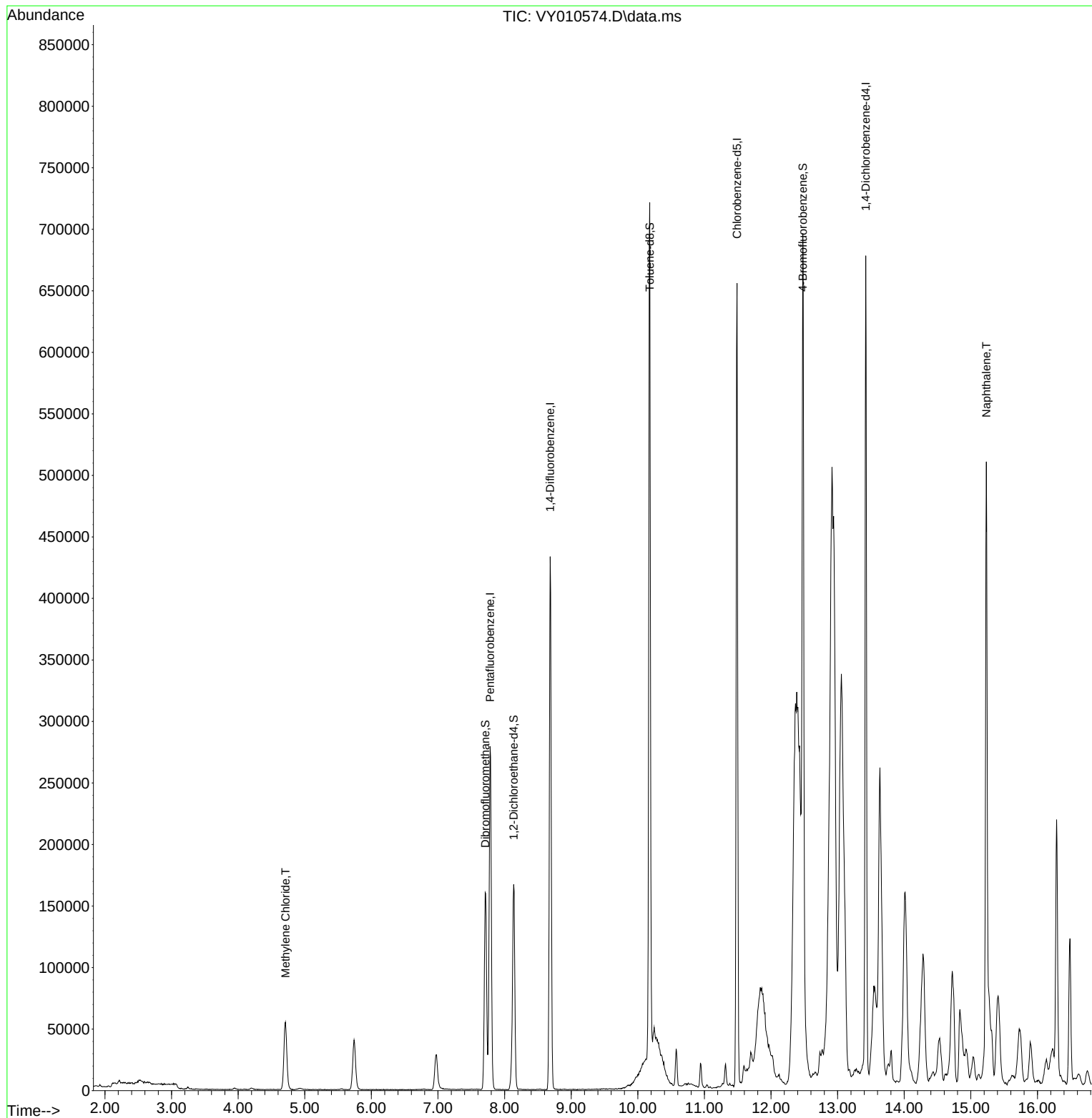
Internal Standards						
1) Pentafluorobenzene	7.783	168	220141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	359226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125080	59.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.800%
35) Dibromofluoromethane	7.710	113	115562	47.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.179	98	456950	50.991	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.477	95	165161	49.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.420%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	42674	8.926	ug/l	86
95) Naphthalene	15.233	128	413143	72.138	ug/l	98

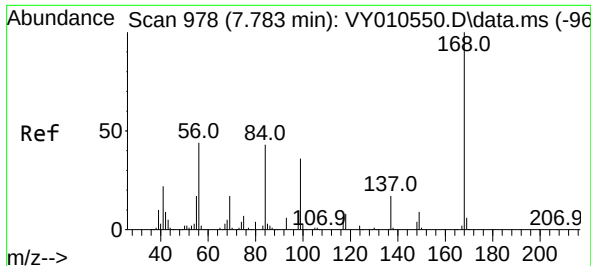
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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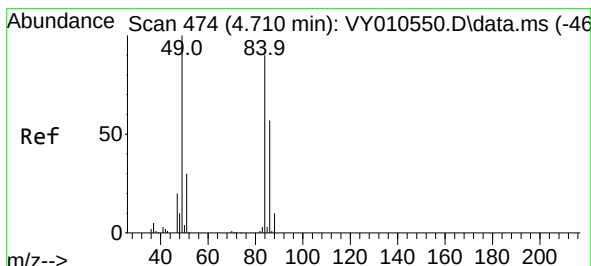
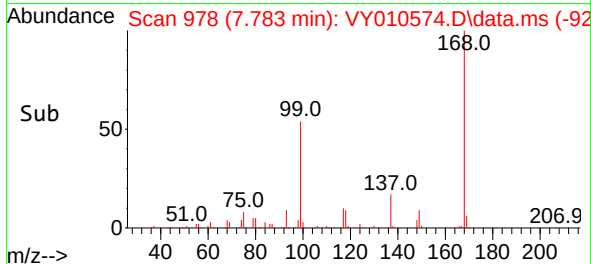
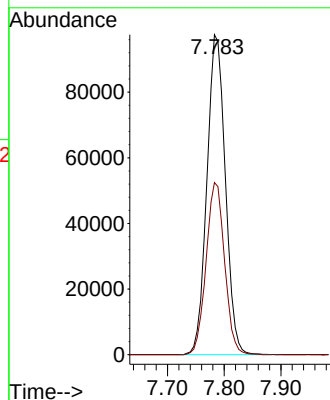
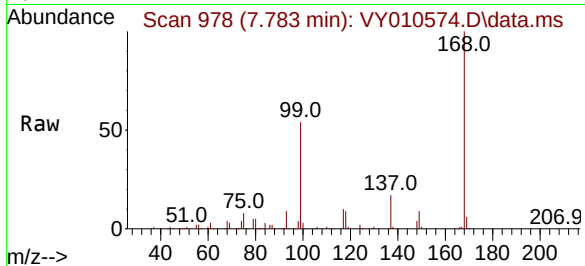




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010574.D
Acq: 20 Sep 2022 14:25

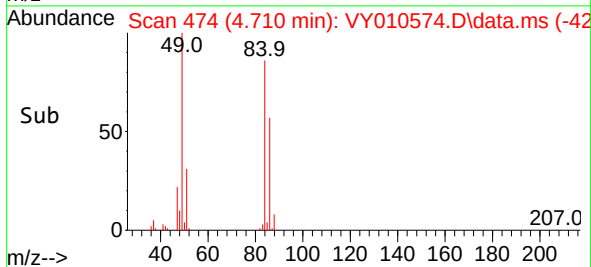
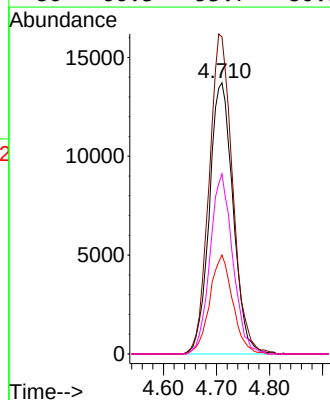
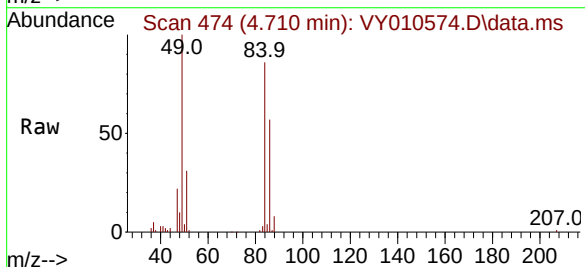
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

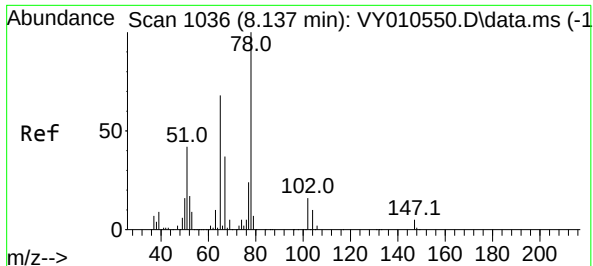
Tgt Ion:168 Resp: 220141
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#20
Methylene Chloride
Concen: 8.926 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010574.D
Acq: 20 Sep 2022 14:25

Tgt Ion: 84 Resp: 42674
Ion Ratio Lower Upper
84 100
49 116.9 114.4 171.6
51 36.5 35.3 52.9
86 66.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 59.404 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010574.D

Acq: 20 Sep 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

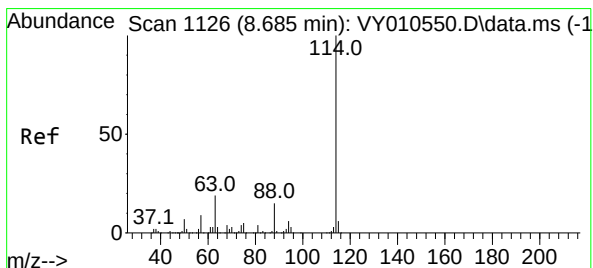
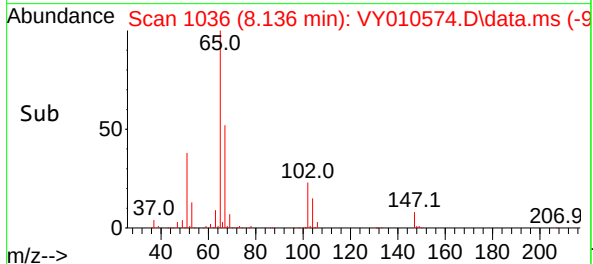
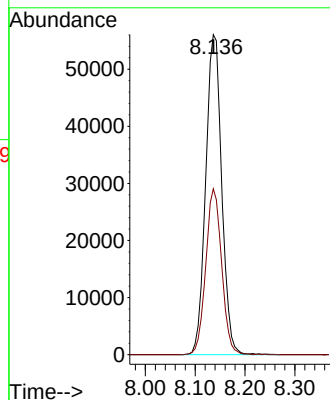
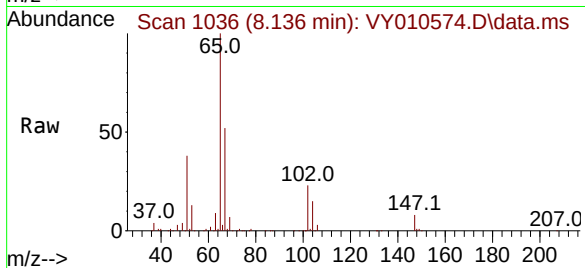
VIBLK

Tgt Ion: 65 Resp: 125080

Ion Ratio Lower Upper

65 100

67 51.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010574.D

Acq: 20 Sep 2022 14:25

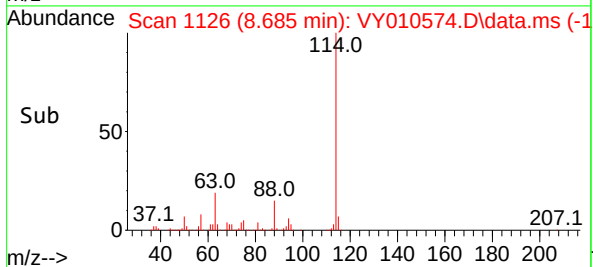
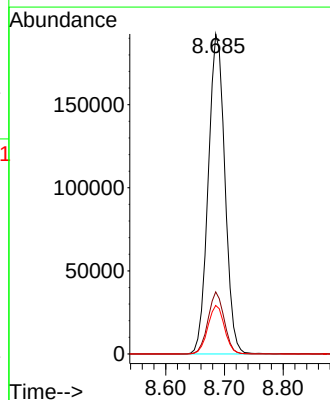
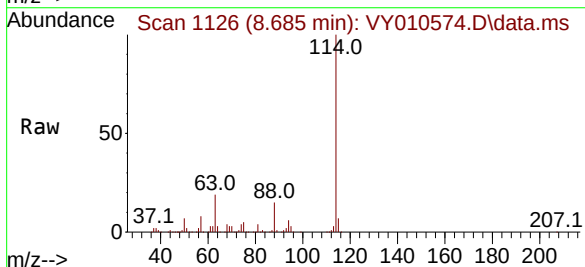
Tgt Ion:114 Resp: 379445

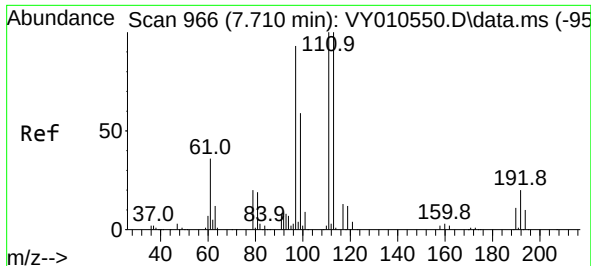
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.2 0.0 31.8

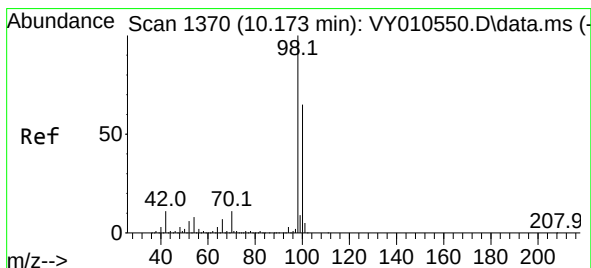
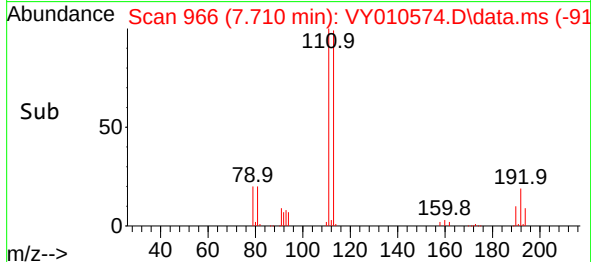
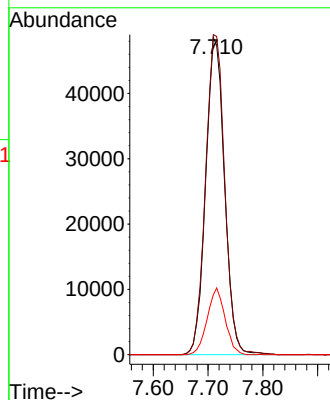
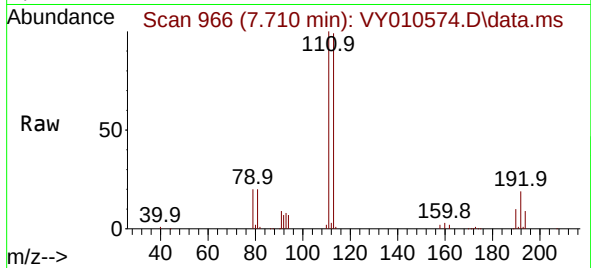




#35
Dibromofluoromethane
Concen: 47.721 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010574.D
Acq: 20 Sep 2022 14:25

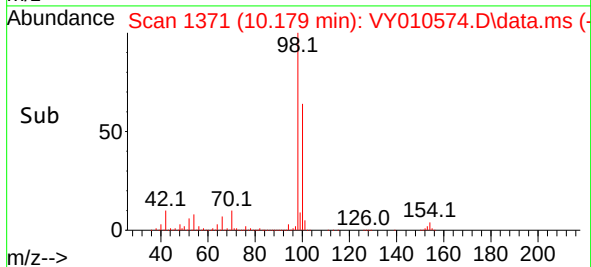
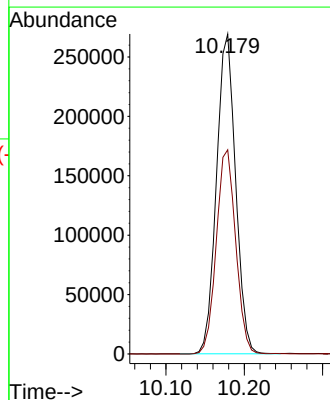
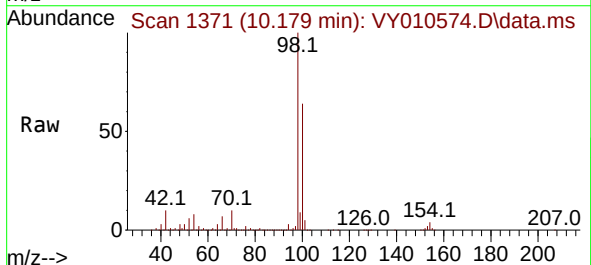
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

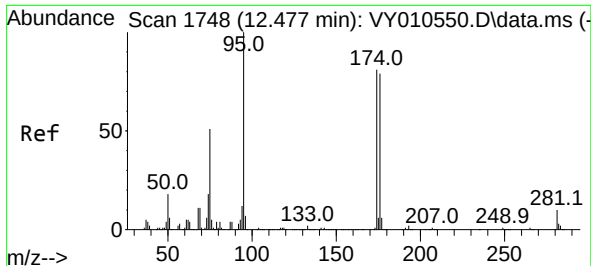
Tgt Ion:113 Resp: 115562
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.0 17.6 26.4



#50
Toluene-d8
Concen: 50.991 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010574.D
Acq: 20 Sep 2022 14:25

Tgt Ion: 98 Resp: 456950
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 49.709 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010574.D

Acq: 20 Sep 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

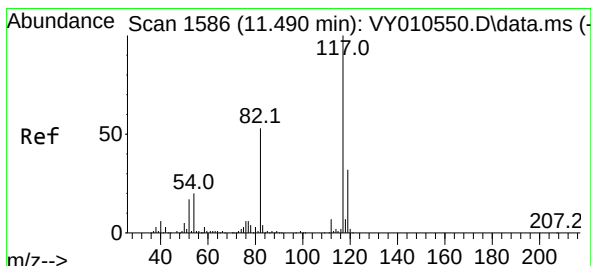
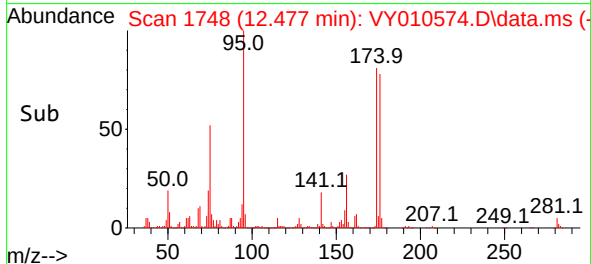
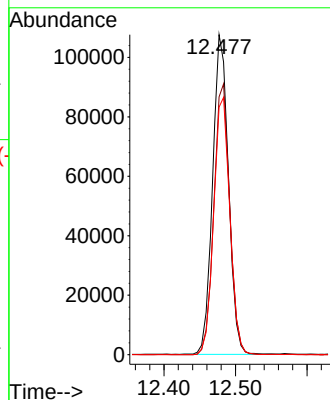
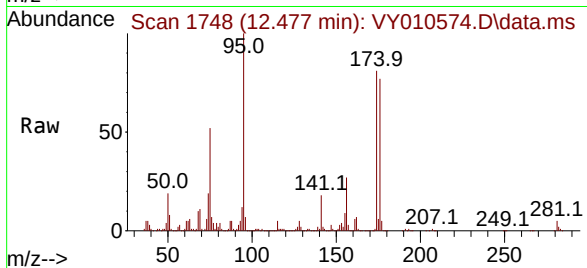
Tgt Ion: 95 Resp: 165161

Ion Ratio Lower Upper

95 100

174 85.0 0.0 177.0

176 82.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010574.D

Acq: 20 Sep 2022 14:25

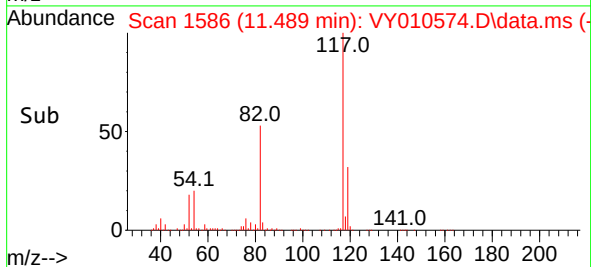
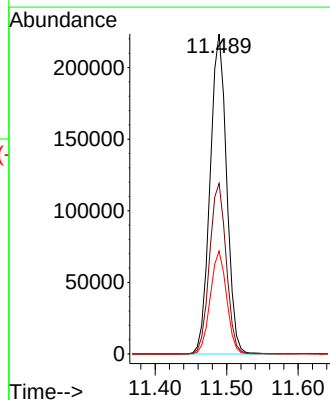
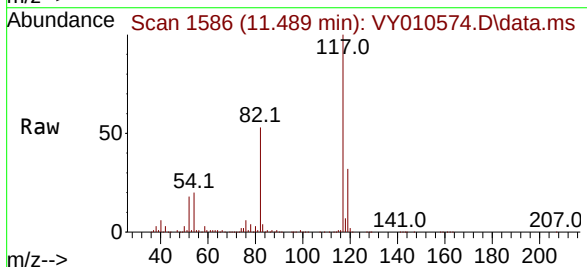
Tgt Ion: 117 Resp: 359226

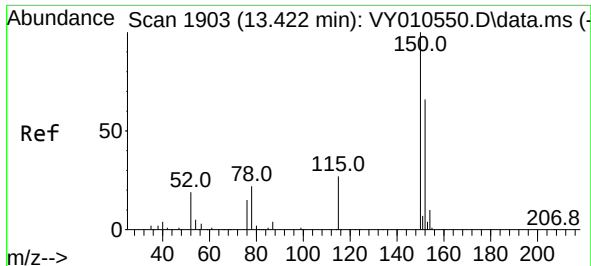
Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 32.1 25.4 38.0

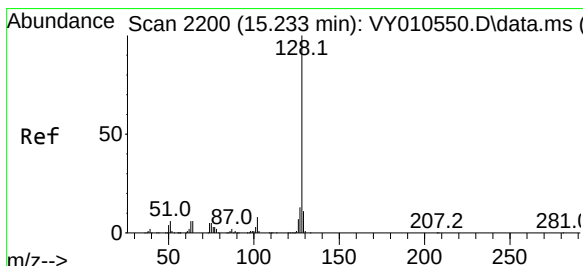
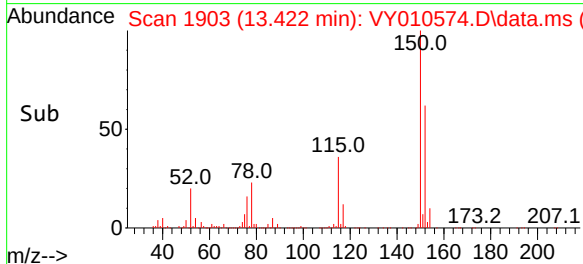
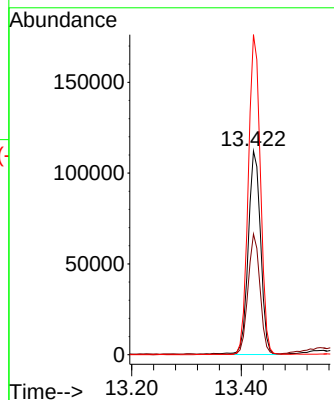
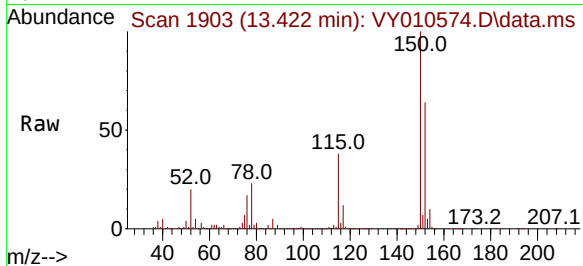




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010574.D
Acq: 20 Sep 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 175248
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 153.9 0.0 347.6



#95
Naphthalene
Concen: 72.138 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010574.D
Acq: 20 Sep 2022 14:25

Tgt Ion:128 Resp: 413143
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 12.0 8.4 12.6

