

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010813.D
 Acq On : 05 Oct 2022 12:37
 Operator : KP/MD
 Sample : N4948-03
 Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-8

Quant Time: Oct 06 09:16:52 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)

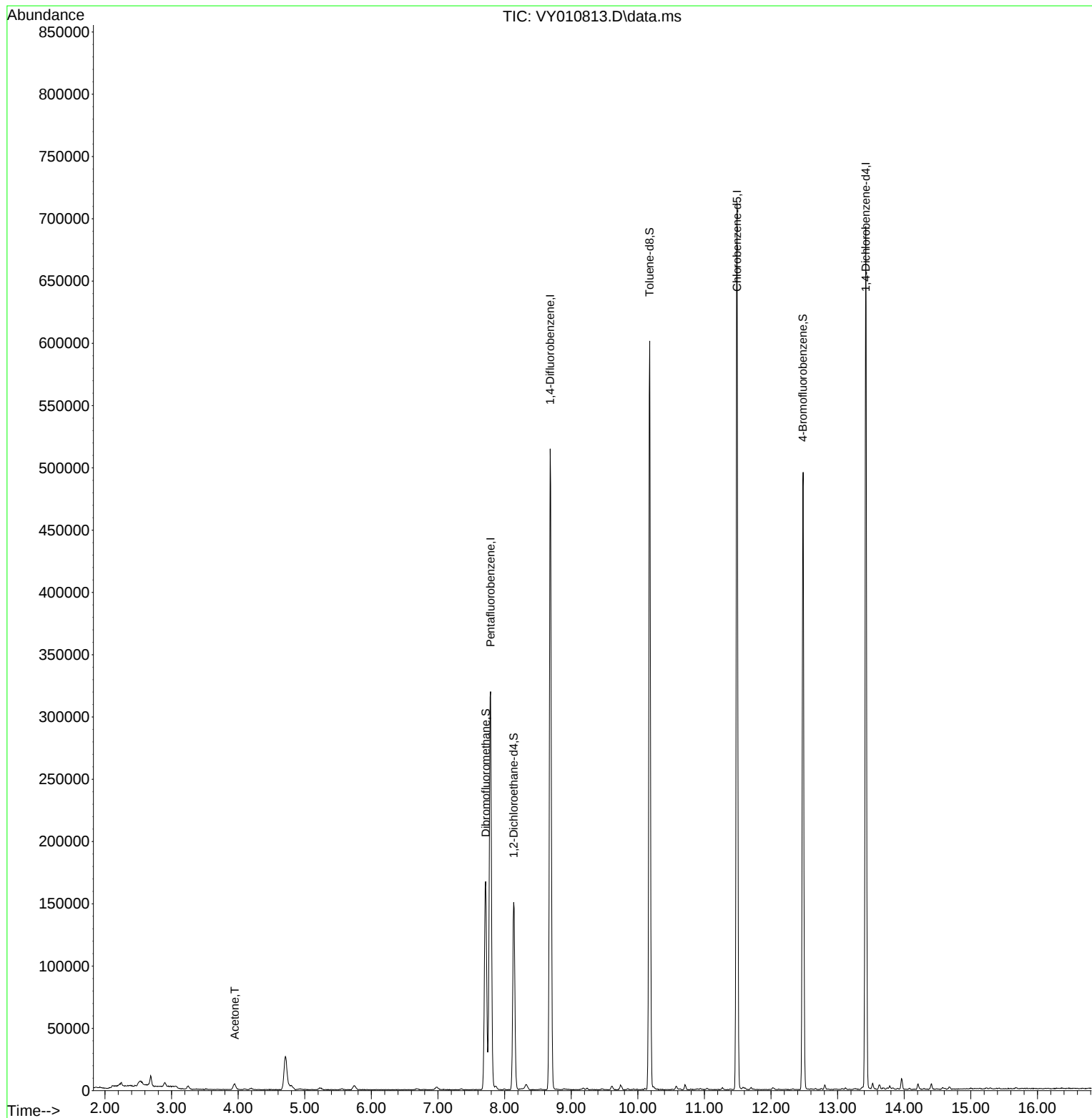
Internal Standards						
1) Pentafluorobenzene	7.789	168	250438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	438794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117037	46.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.200%
35) Dibromofluoromethane	7.716	113	121457	41.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.400%
50) Toluene-d8	10.179	98	392001	39.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.700%
62) 4-Bromofluorobenzene	12.477	95	144450	36.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.180%
Target Compounds						
16) Acetone	3.948	43	8010	12.424	ug/l	Qvalue # 89

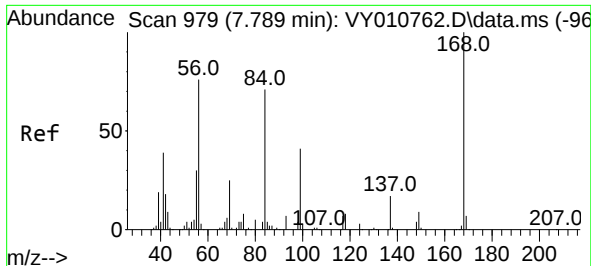
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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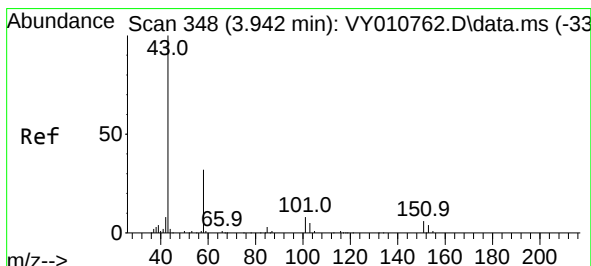
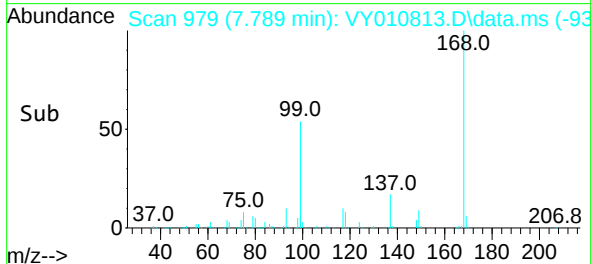
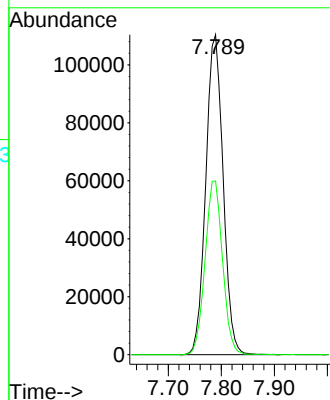
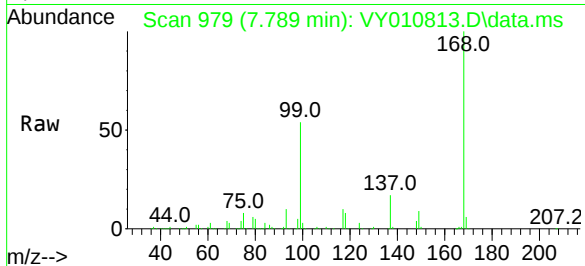




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

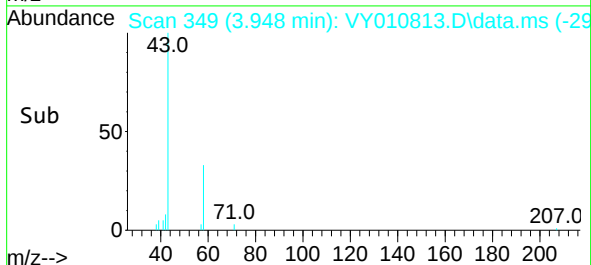
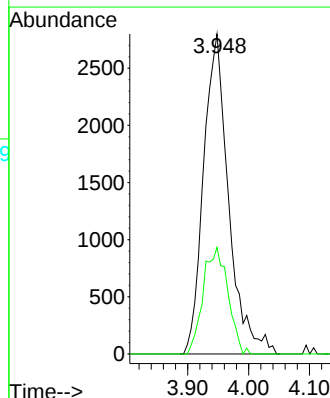
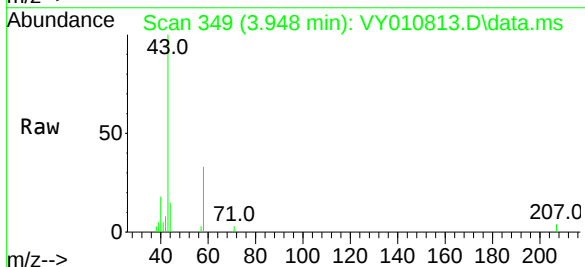
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

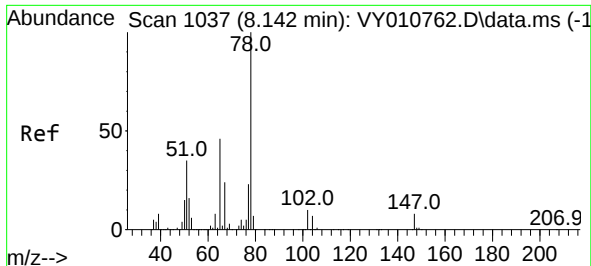
Tgt Ion:168 Resp: 250438
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 12.424 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Tgt Ion: 43 Resp: 8010
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 46.105 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010813.D

Acq: 05 Oct 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

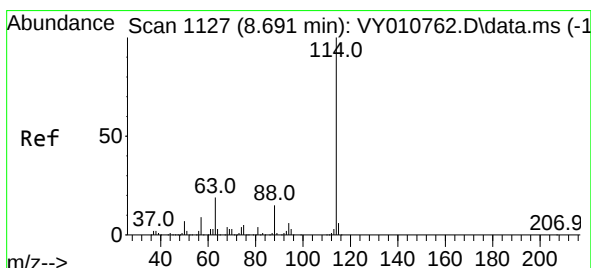
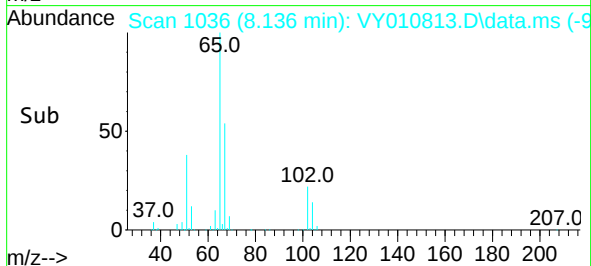
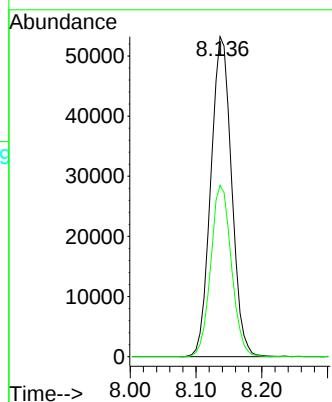
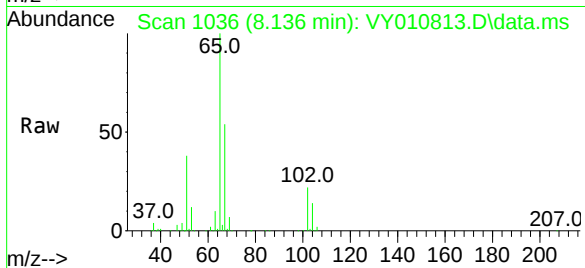
PE-8

Tgt Ion: 65 Resp: 117037

Ion Ratio Lower Upper

65 100

67 53.1 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: VY010813.D

Acq: 05 Oct 2022 12:37

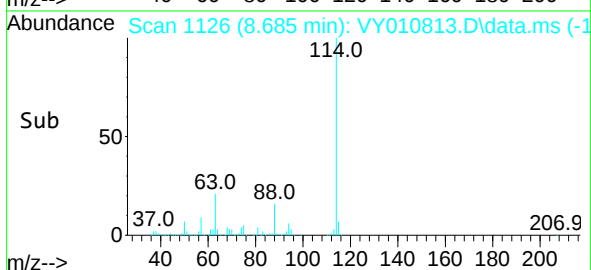
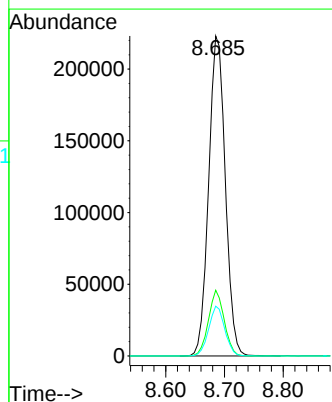
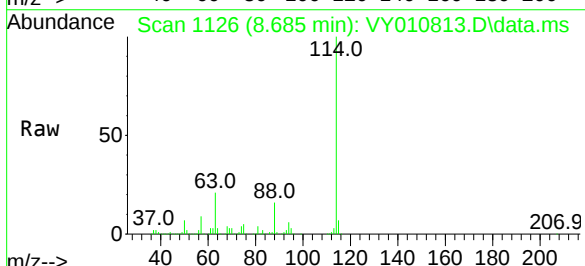
Tgt Ion: 114 Resp: 438794

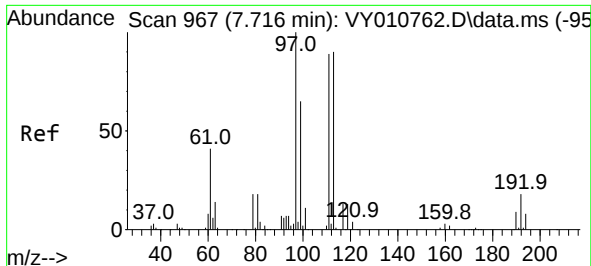
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.6 0.0 31.8



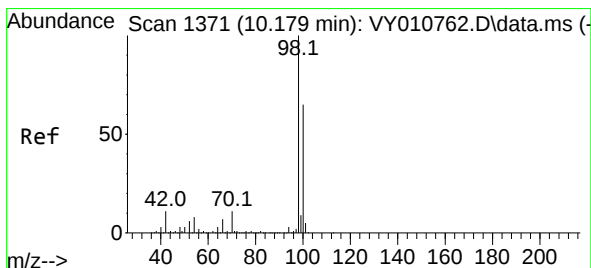
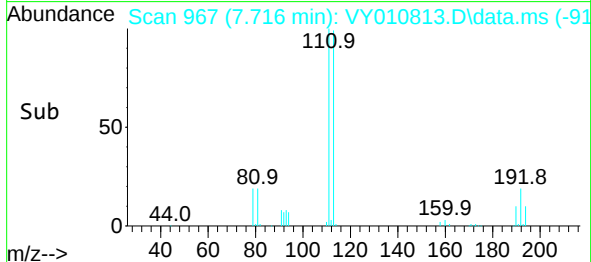
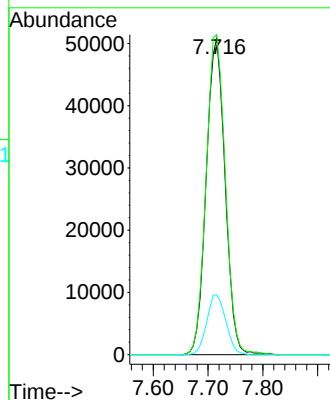
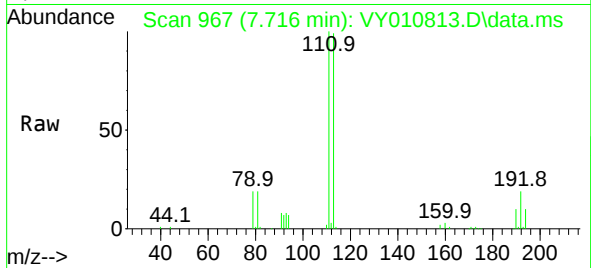


#35
 Dibromofluoromethane
 Concen: 41.698 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY010813.D
 Acq: 05 Oct 2022 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-8

Tgt Ion:113 Resp: 121457

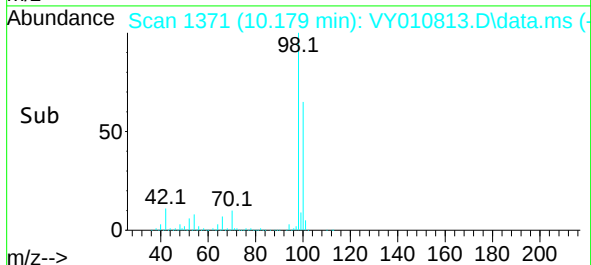
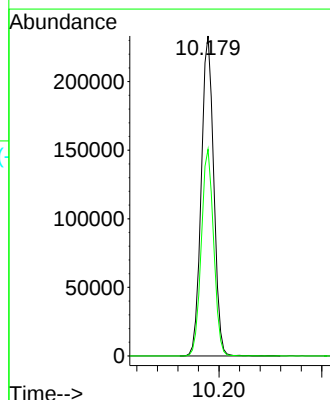
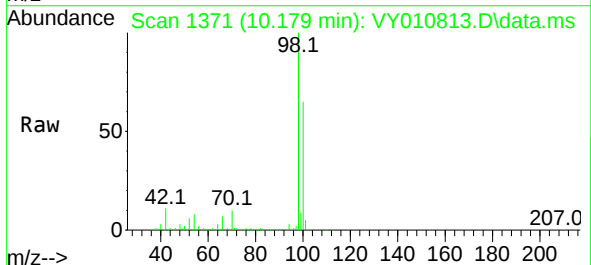
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	19.1	17.6	26.4

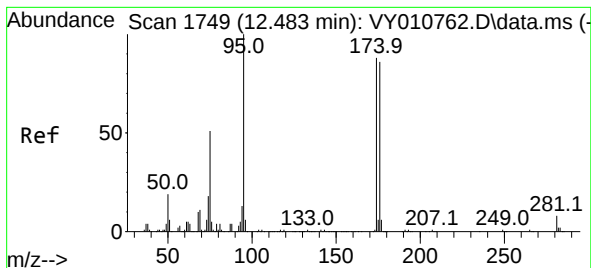


#50
 Toluene-d8
 Concen: 39.353 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY010813.D
 Acq: 05 Oct 2022 12:37

Tgt Ion: 98 Resp: 392001

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.2	75.2





#62

4-Bromofluorobenzene

Concen: 36.094 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010813.D

Acq: 05 Oct 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

PE-8

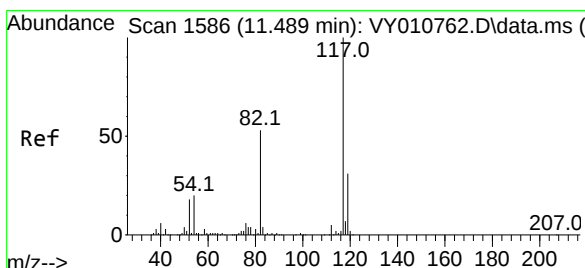
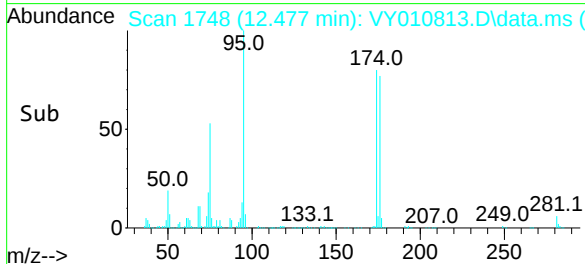
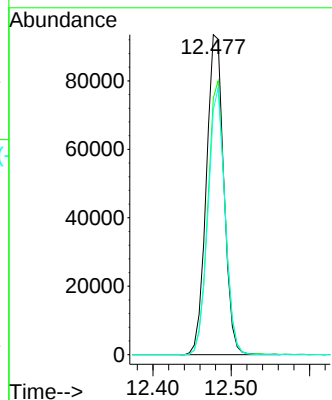
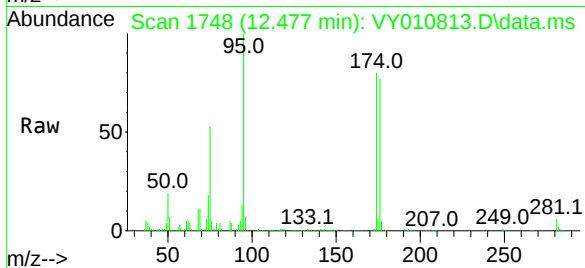
Tgt Ion: 95 Resp: 144450

Ion Ratio Lower Upper

95 100

174 83.8 0.0 177.0

176 80.8 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: VY010813.D

Acq: 05 Oct 2022 12:37

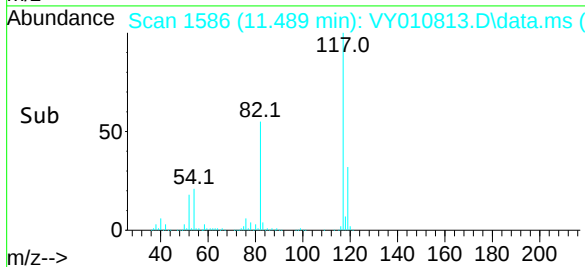
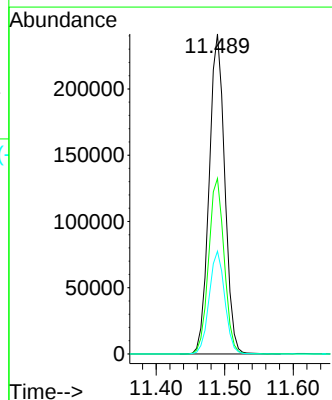
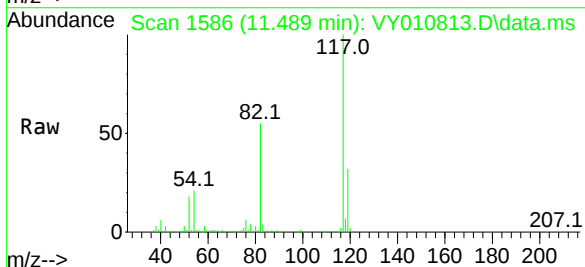
Tgt Ion: 117 Resp: 383256

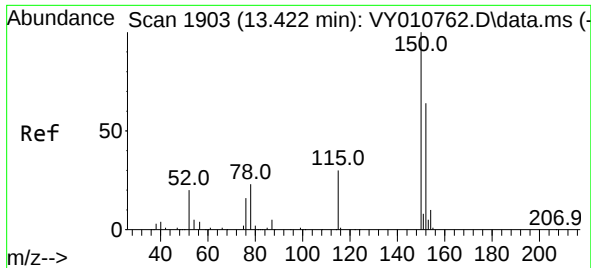
Ion Ratio Lower Upper

117 100

82 54.9 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: VY010813.D

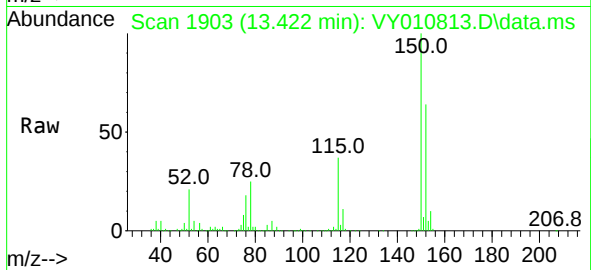
Acq: 05 Oct 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

PE-8



Tgt Ion:152 Resp: 173908

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 156.7 0.0 347.6

