

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009577.D
 Acq On : 18 Jul 2022 16:50
 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: Jul 19 04:25:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

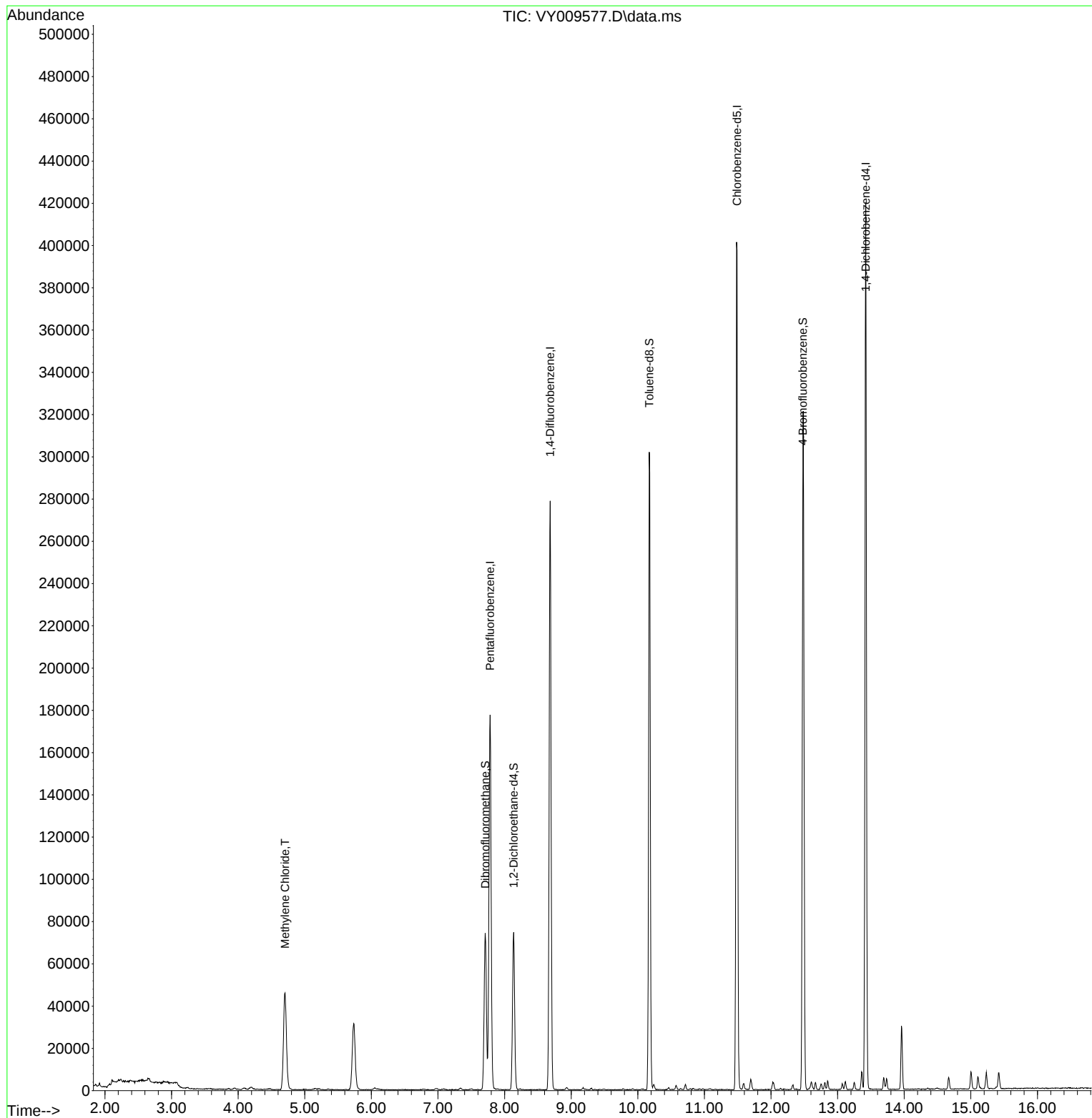
Internal Standards						
1) Pentafluorobenzene	7.783	168	146851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	247900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57029	41.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.120%
35) Dibromofluoromethane	7.710	113	52896	33.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.740%
50) Toluene-d8	10.172	98	198353	33.038	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	66.080%#
62) 4-Bromofluorobenzene	12.477	95	64431	33.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	66.240%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	35247	12.617	ug/l	86

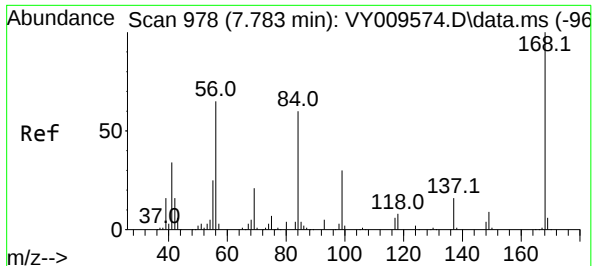
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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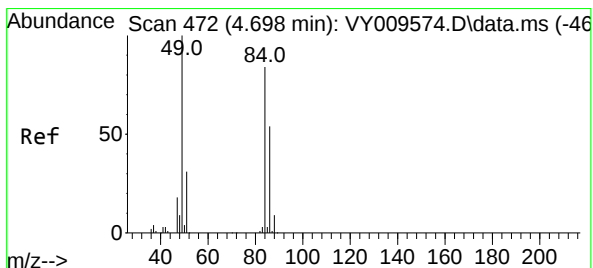
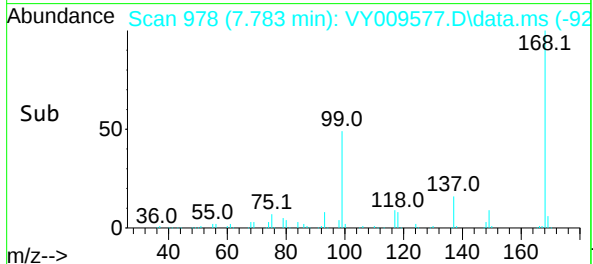
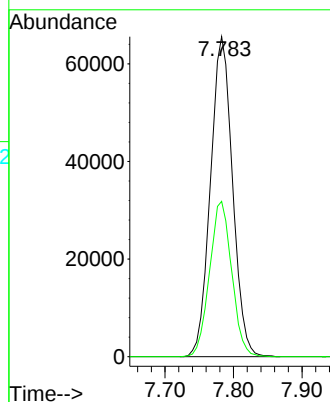
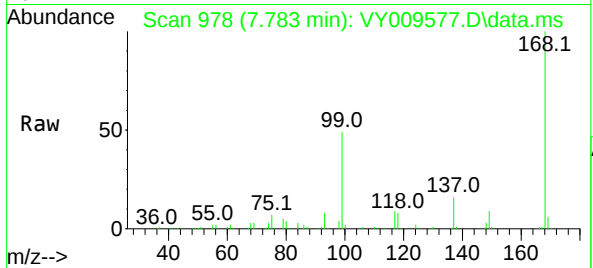




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

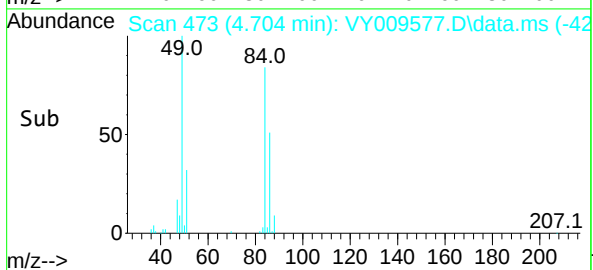
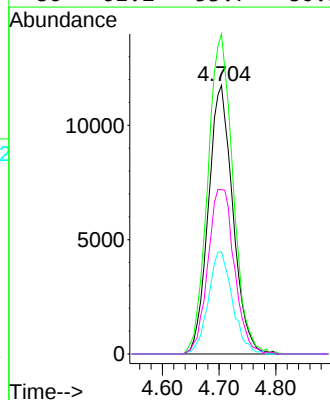
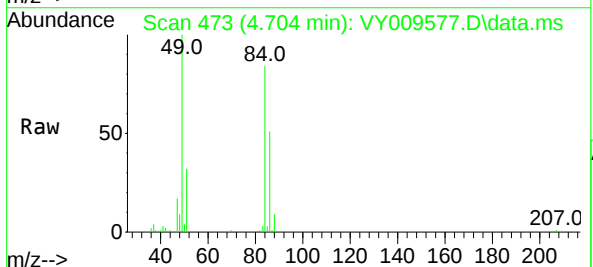
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

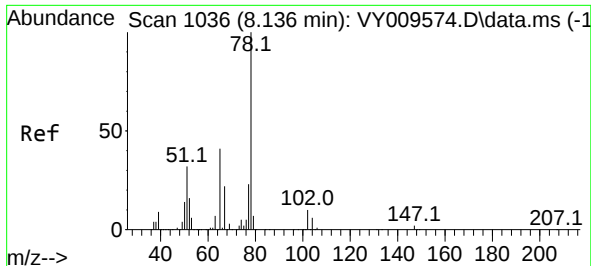
Tgt Ion:168 Resp: 146851
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#20
Methylene Chloride
Concen: 12.617 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

Tgt Ion: 84 Resp: 35247
Ion Ratio Lower Upper
84 100
49 119.1 114.4 171.6
51 38.0 35.3 52.9
86 61.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 41.062 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY009577.D

Acq: 18 Jul 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

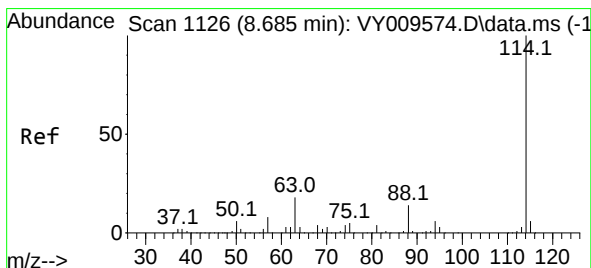
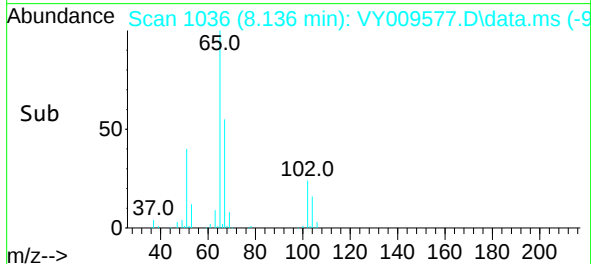
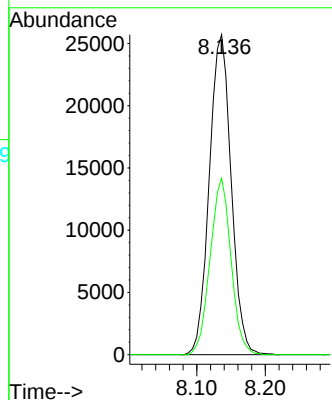
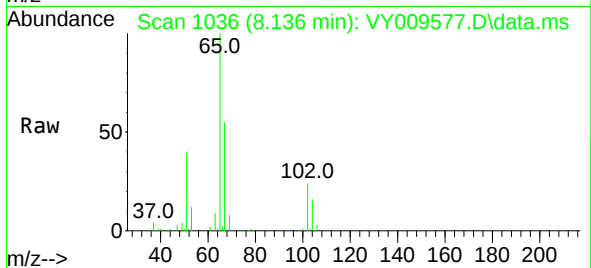
VIBLK

Tgt Ion: 65 Resp: 57029

Ion Ratio Lower Upper

65 100

67 52.6 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: VY009577.D

Acq: 18 Jul 2022 16:50

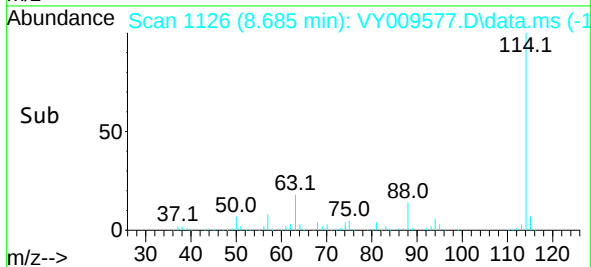
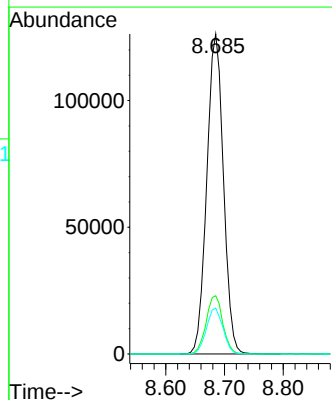
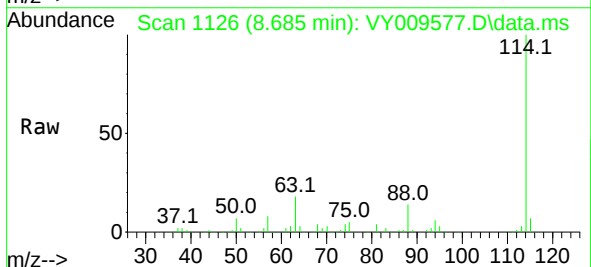
Tgt Ion:114 Resp: 247900

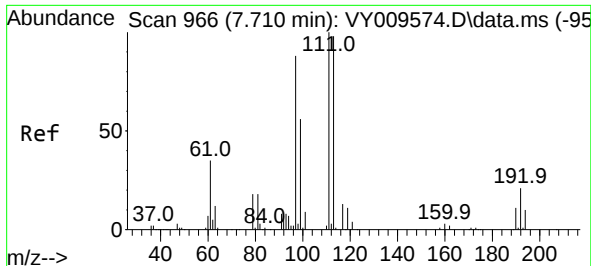
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.4 0.0 31.8

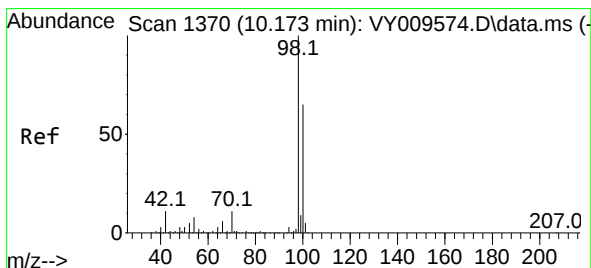
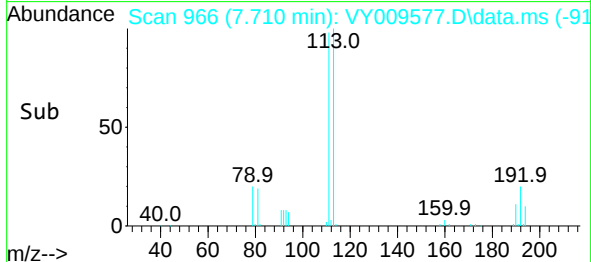
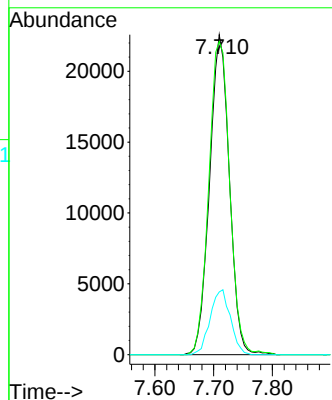
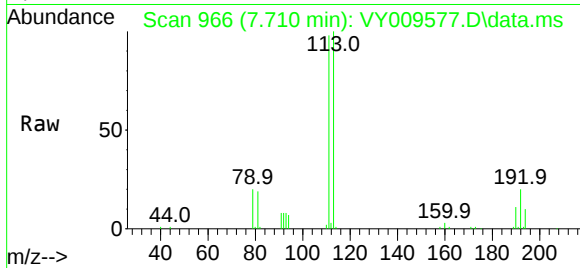




#35
Dibromofluoromethane
Concen: 33.869 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

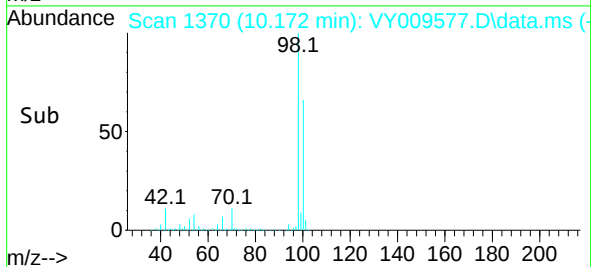
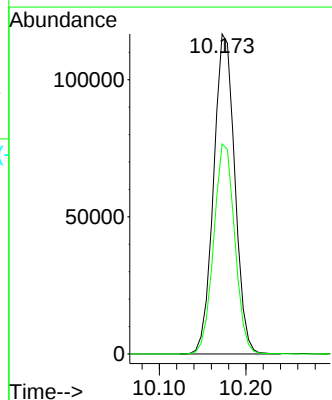
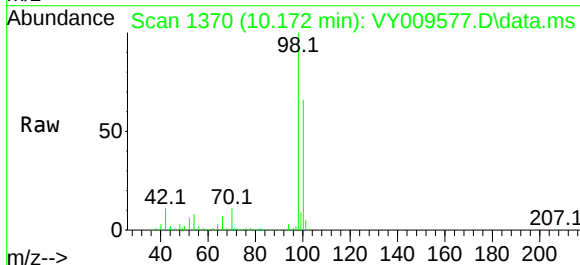
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

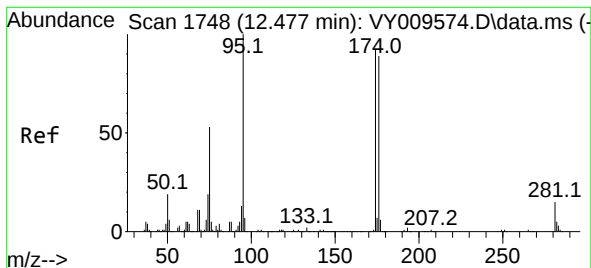
Tgt Ion:113 Resp: 52896
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 33.038 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

Tgt Ion: 98 Resp: 198353
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

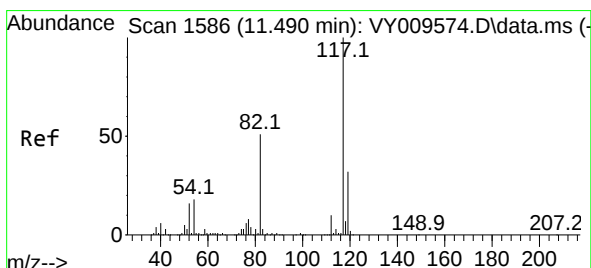
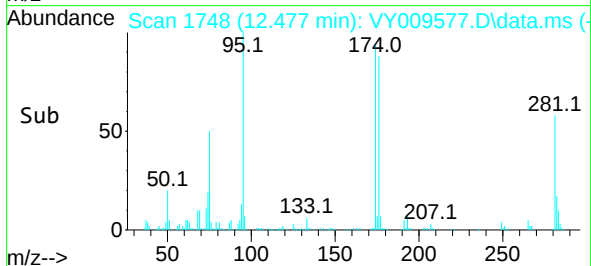
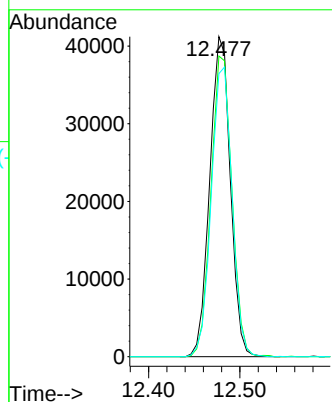
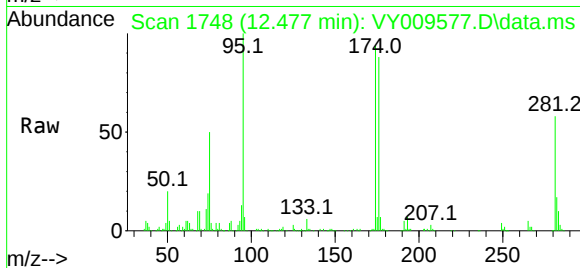




#62
4-Bromofluorobenzene
Concen: 33.119 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

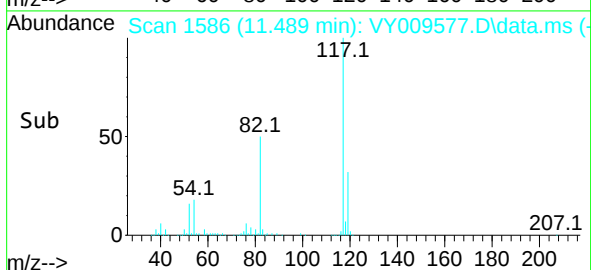
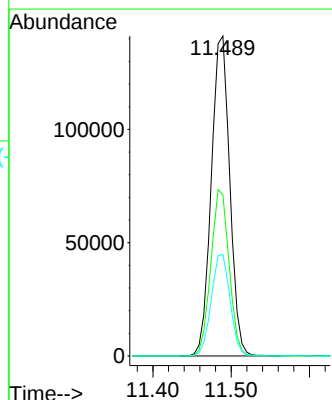
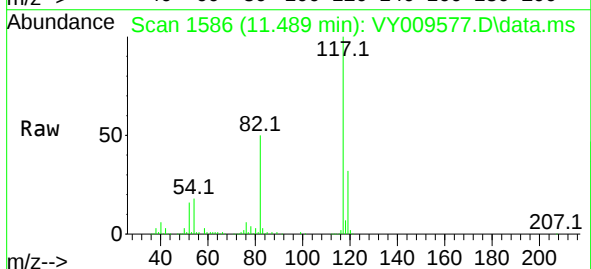
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

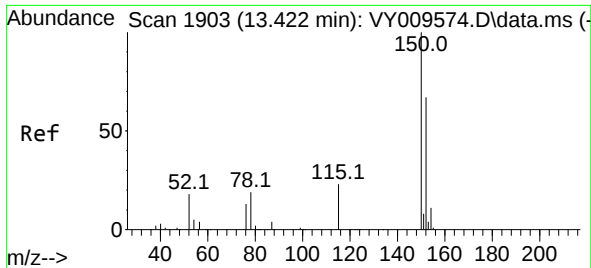
Tgt Ion: 95 Resp: 64431
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.0
176 91.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

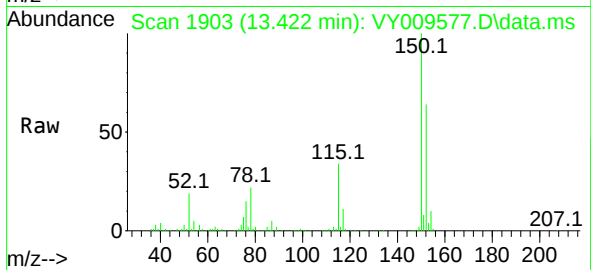
Tgt Ion: 117 Resp: 231296
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009577.D
 Acq: 18 Jul 2022 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 110956
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 157.3 0.0 347.6

