

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013986.D
 Acq On : 02 Jun 2023 13:46
 Operator : KP/MD
 Sample : 03002-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02

Quant Time: Jun 05 09:41:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

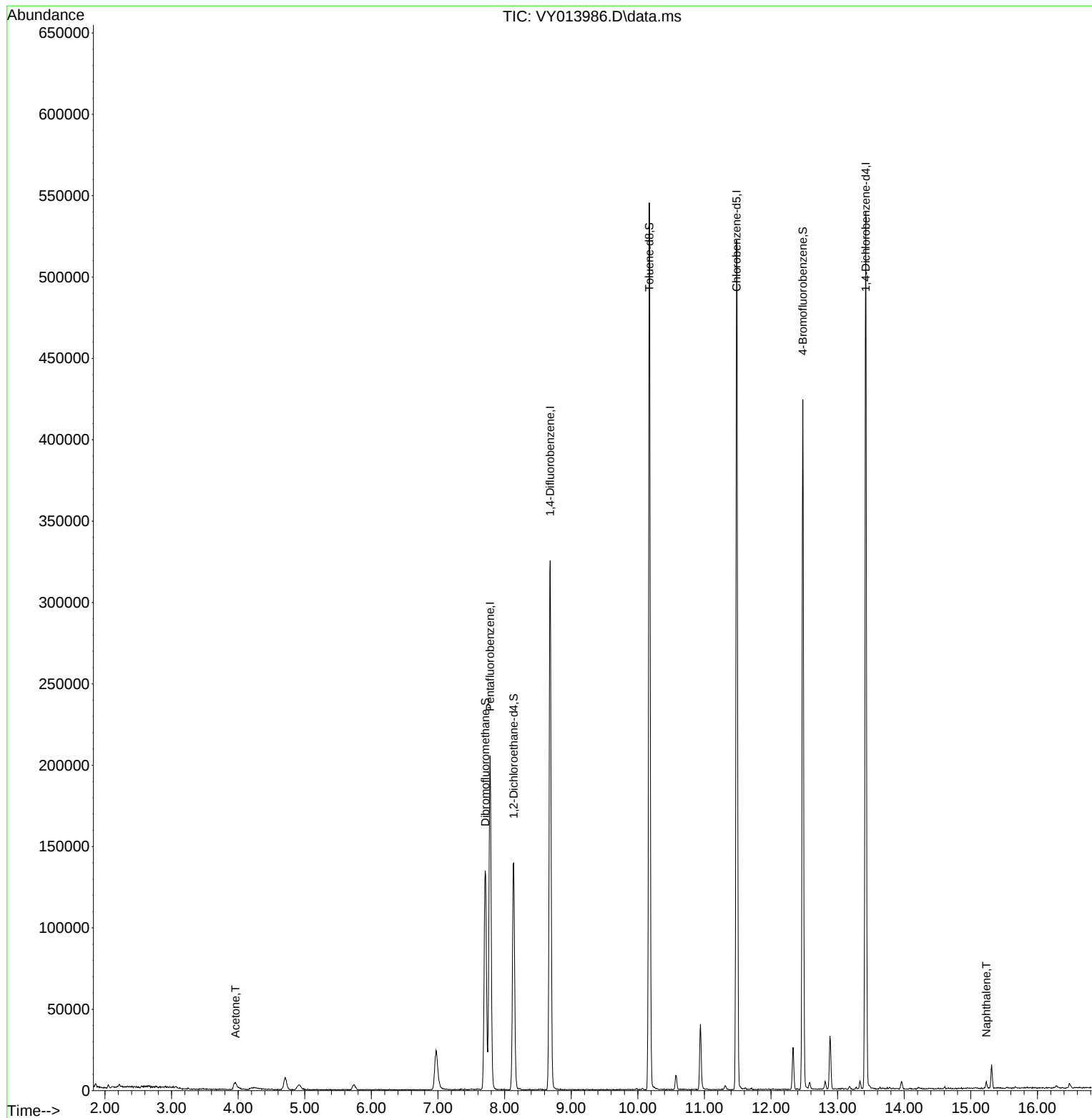
Internal Standards						
1) Pentafluorobenzene	7.783	168	158209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	279695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116772	55.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.520%
35) Dibromofluoromethane	7.710	113	94037	54.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.420%
50) Toluene-d8	10.173	98	338879	51.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.477	95	116322	51.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.140%
Target Compounds						
						Qvalue
16) Acetone	3.960	43	10234	14.283	ug/l #	79
95) Naphthalene	15.233	128	3279	4.364	ug/l #	95

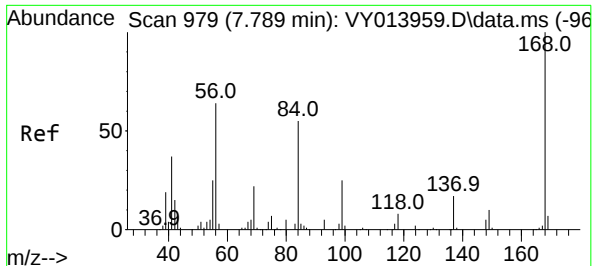
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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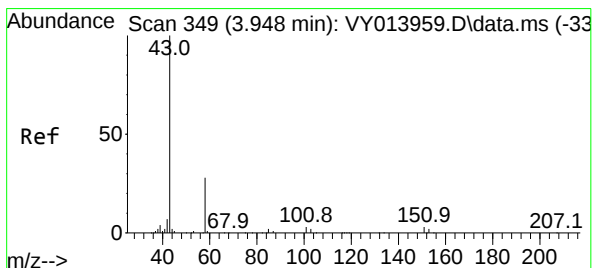
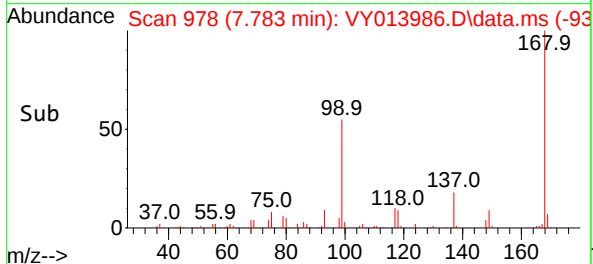
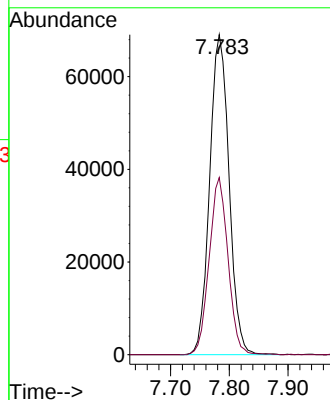
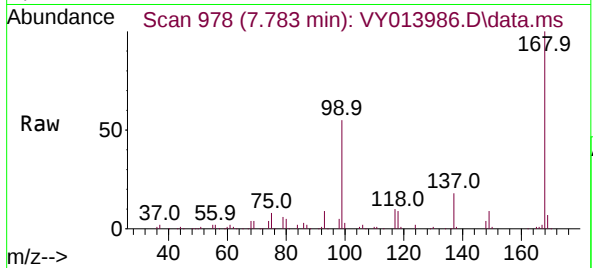




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013986.D
Acq: 02 Jun 2023 13:46

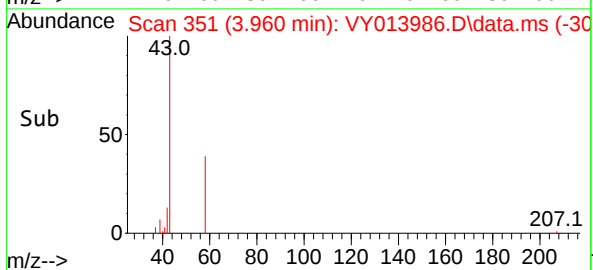
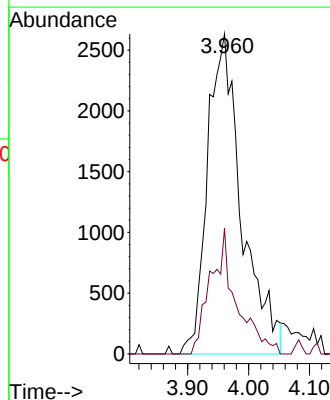
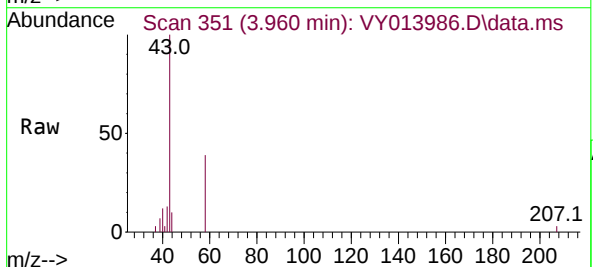
Instrument :
MSVOA_Y
ClientSampleId :
SB02

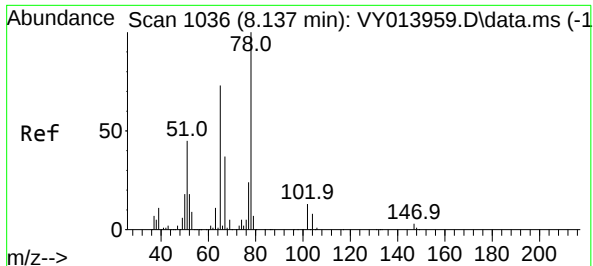
Tgt Ion:168 Resp: 158209
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#16
Acetone
Concen: 14.283 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013986.D
Acq: 02 Jun 2023 13:46

Tgt Ion: 43 Resp: 10234
Ion Ratio Lower Upper
43 100
58 39.3 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 55.757 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY013986.D

Acq: 02 Jun 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

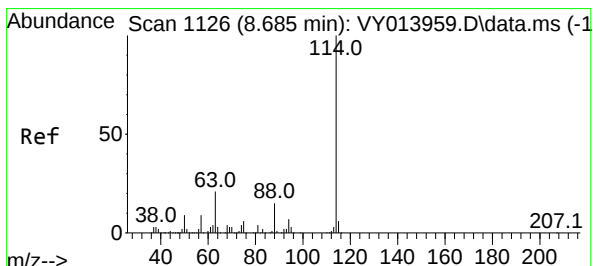
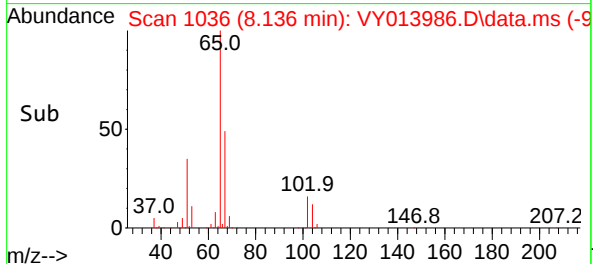
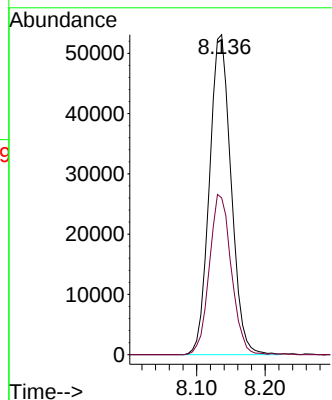
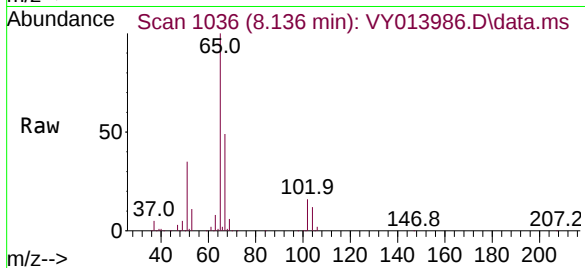
SB02

Tgt Ion: 65 Resp: 116772

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013986.D

Acq: 02 Jun 2023 13:46

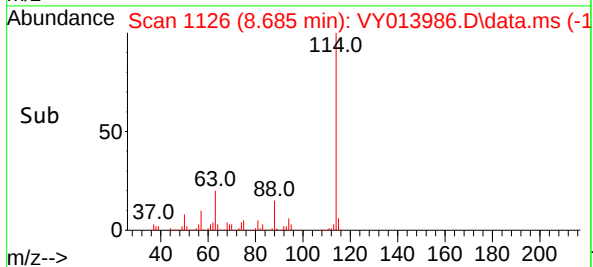
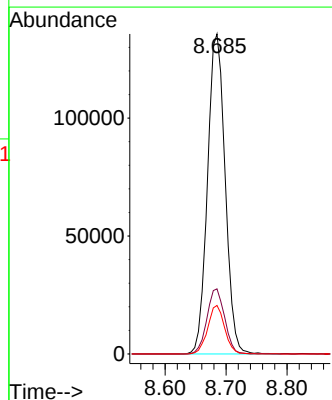
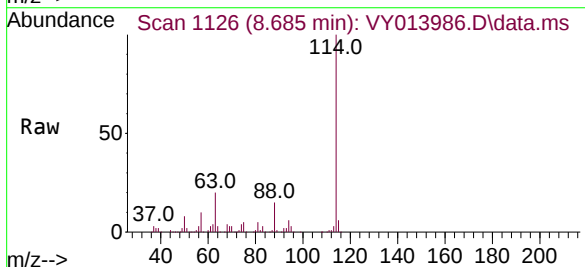
Tgt Ion:114 Resp: 272954

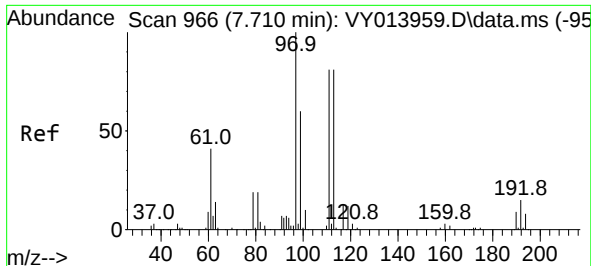
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.2 0.0 30.6

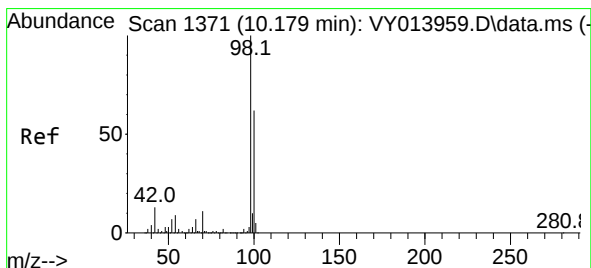
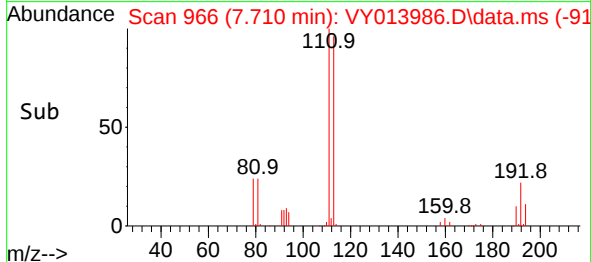
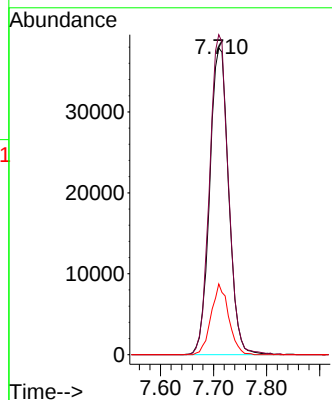
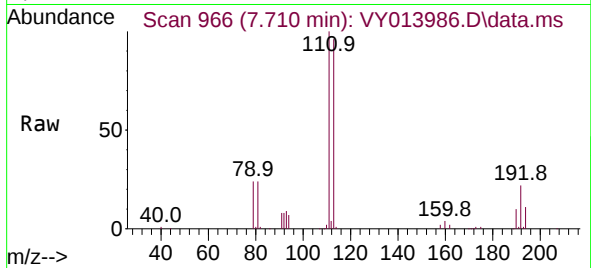




#35
Dibromofluoromethane
Concen: 54.211 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013986.D
Acq: 02 Jun 2023 13:46

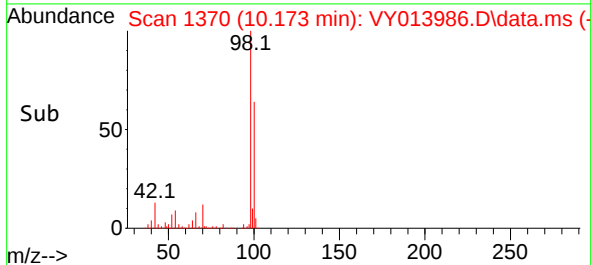
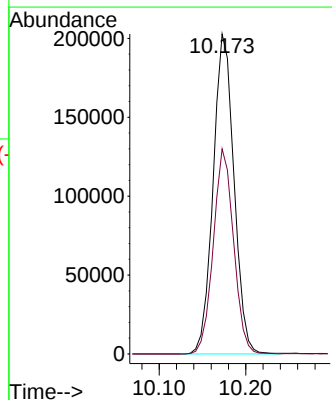
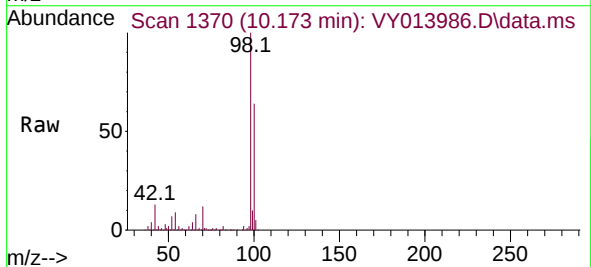
Instrument :
MSVOA_Y
ClientSampleId :
SB02

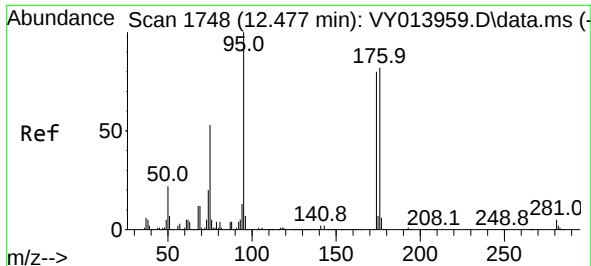
Tgt Ion:113 Resp: 94037
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 21.4 16.9 25.3



#50
Toluene-d8
Concen: 51.216 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013986.D
Acq: 02 Jun 2023 13:46

Tgt Ion: 98 Resp: 338879
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

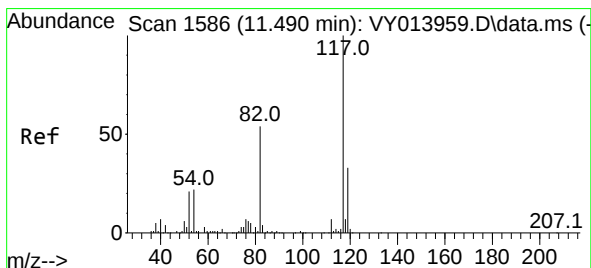
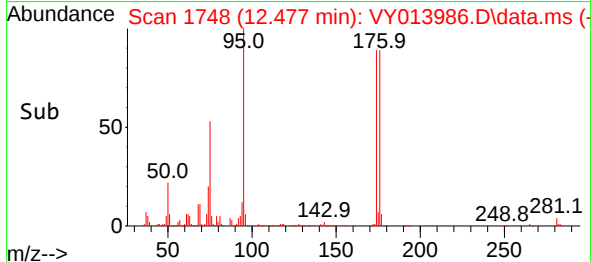
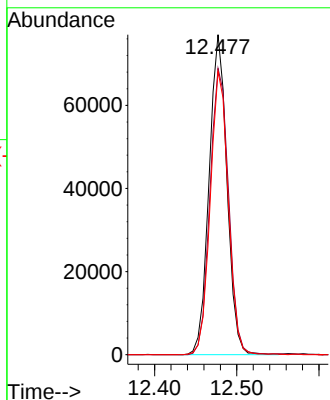
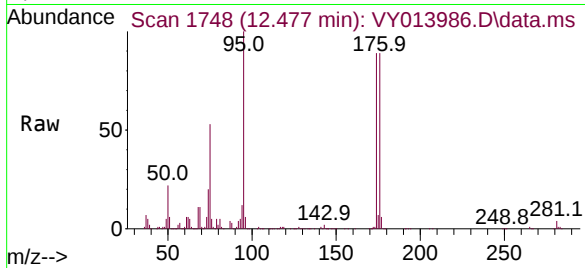




#62
4-Bromofluorobenzene
Concen: 51.567 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013986.D
Acq: 02 Jun 2023 13:46

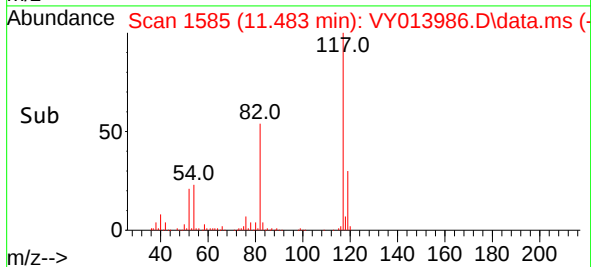
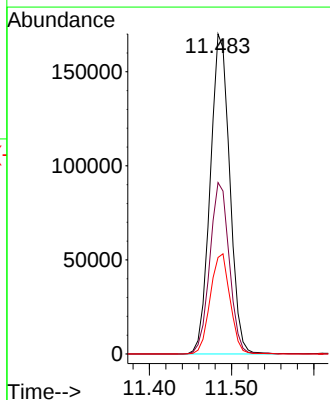
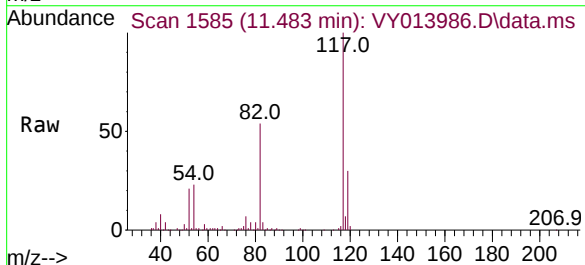
Instrument :
MSVOA_Y
ClientSampleId :
SB02

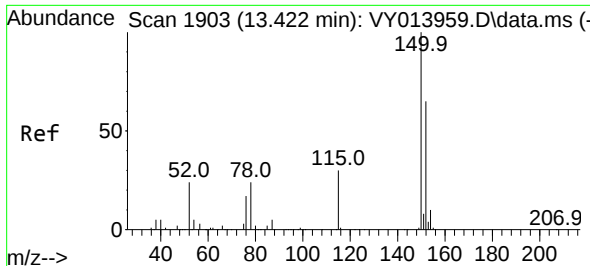
Tgt Ion: 95 Resp: 116322
Ion Ratio Lower Upper
95 100
174 93.3 0.0 178.2
176 89.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013986.D
Acq: 02 Jun 2023 13:46

Tgt Ion: 117 Resp: 279695
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 30.1 26.3 39.5

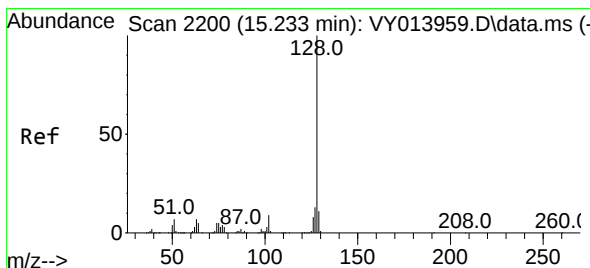
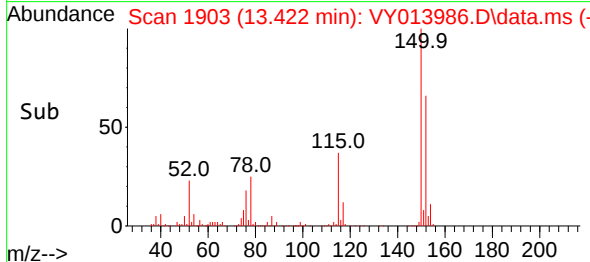
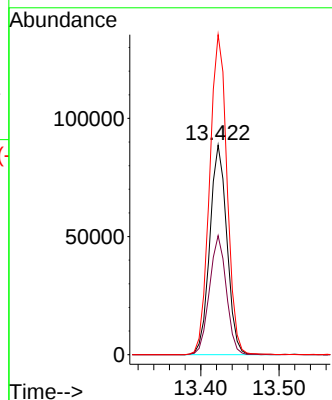
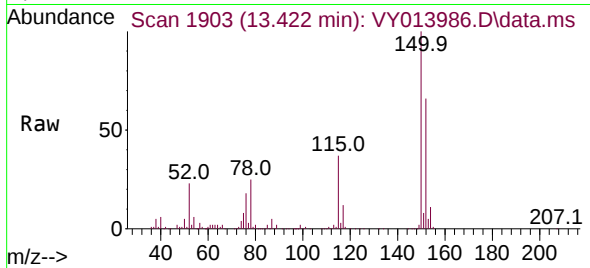




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013986.D
Acq: 02 Jun 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :
SB02

Tgt Ion:152 Resp: 134205
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.5
150 155.8 0.0 348.8



#95
Naphthalene
Concen: 4.364 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013986.D
Acq: 02 Jun 2023 13:46

Tgt Ion:128 Resp: 3279
Ion Ratio Lower Upper
128 100
127 10.3 10.8 16.2#
129 10.0 8.6 13.0

