

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013323.D
 Acq On : 14 Apr 2023 16:54
 Operator : KP/MD
 Sample : 02341-02
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-2

Quant Time: Apr 17 02:14:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	213788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	318380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	141848	55.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.420%
35) Dibromofluoromethane	7.710	113	115655	53.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.440%
50) Toluene-d8	10.173	98	400303	49.491	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.477	95	135849	51.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.380%

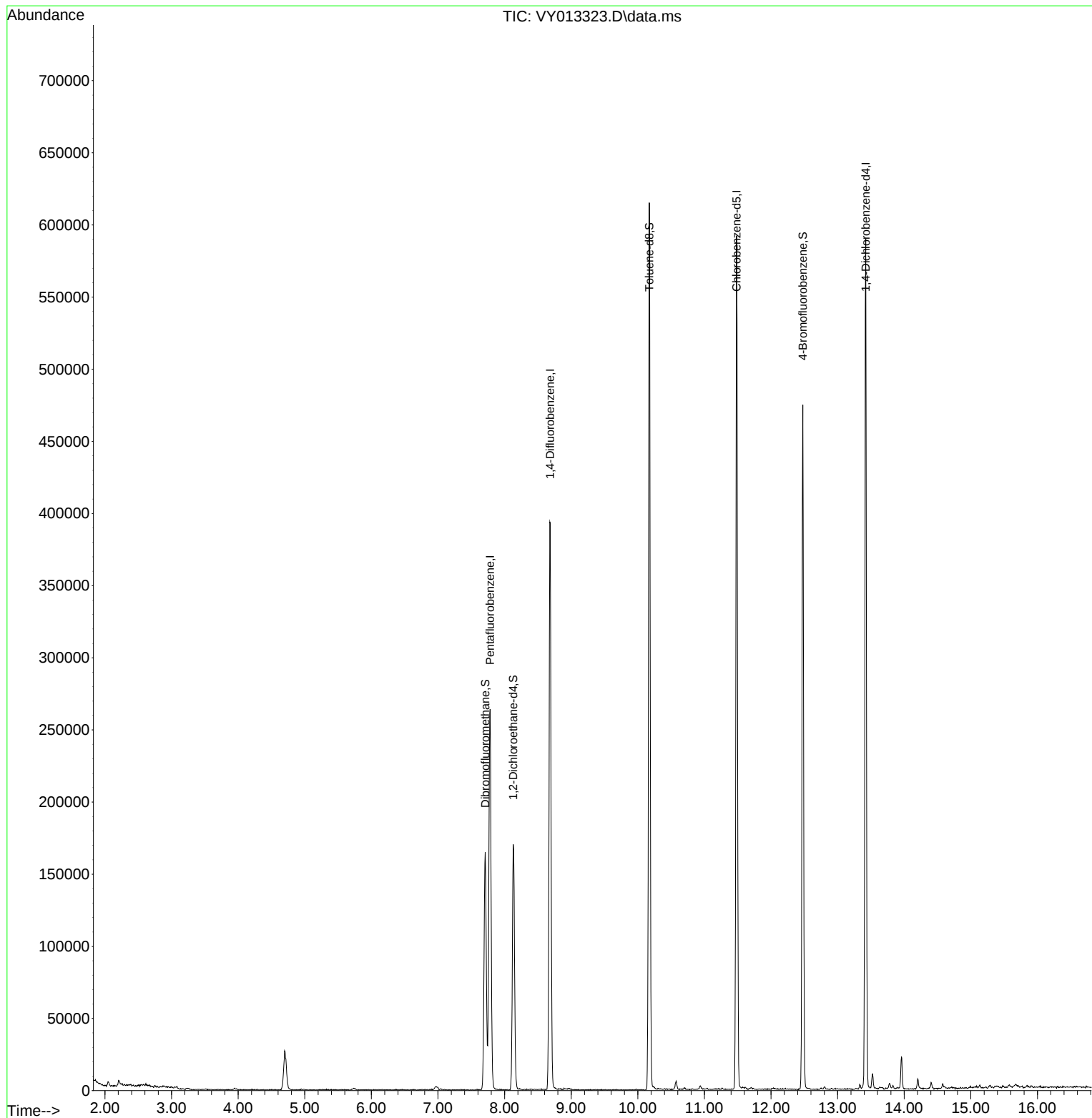
Target Compounds	Qvalue

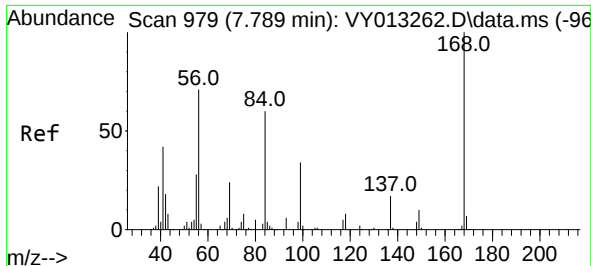
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
Data File : VY013323.D
Acq On : 14 Apr 2023 16:54
Operator : KP/MD
Sample : 02341-02
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-2

Quant Time: Apr 17 02:14:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

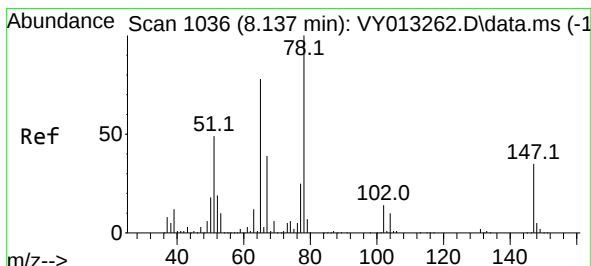
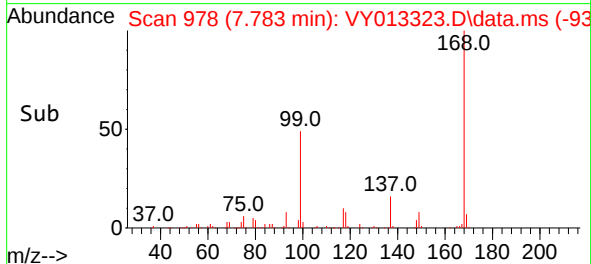
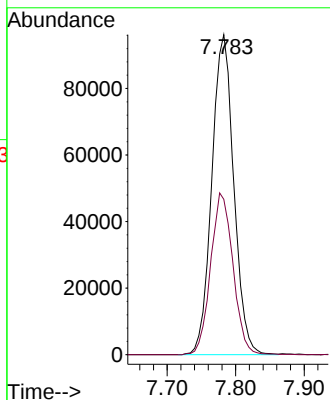
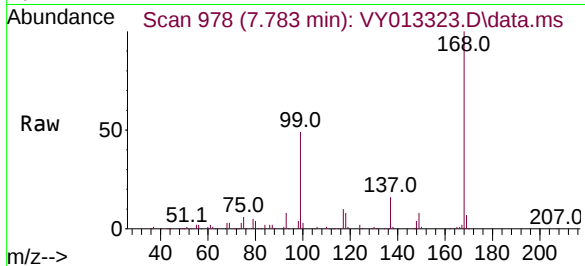




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013323.D
Acq: 14 Apr 2023 16:54

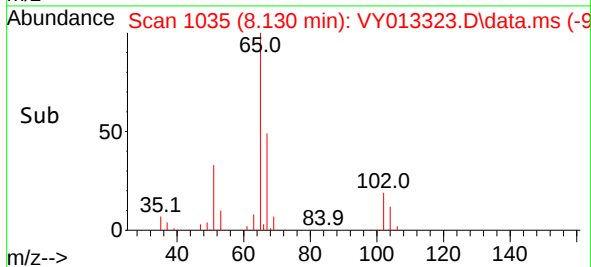
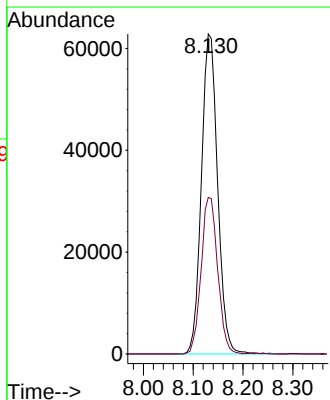
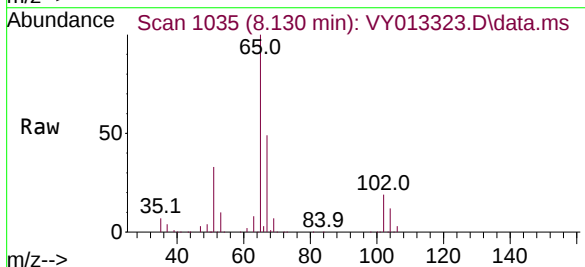
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-2

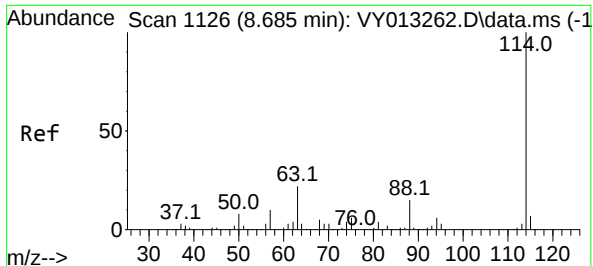
Tgt Ion:168 Resp: 213788
Ion Ratio Lower Upper
168 100
99 48.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 55.210 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013323.D
Acq: 14 Apr 2023 16:54

Tgt Ion: 65 Resp: 141848
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013323.D

Acq: 14 Apr 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

PH1-BOT-2

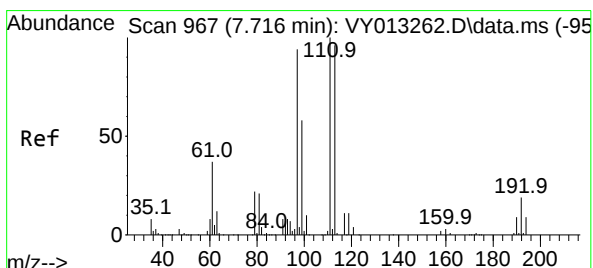
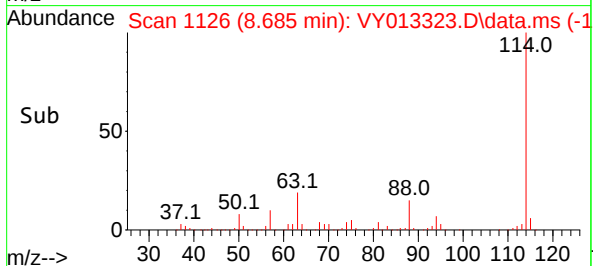
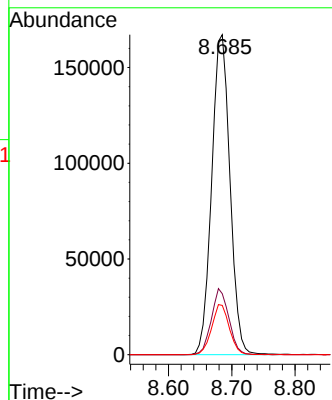
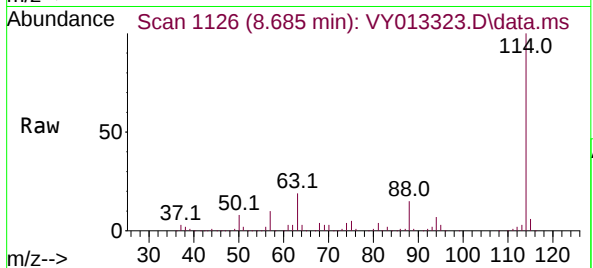
Tgt Ion:114 Resp: 335659

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 53.223 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013323.D

Acq: 14 Apr 2023 16:54

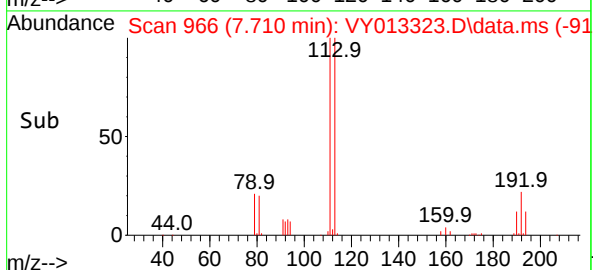
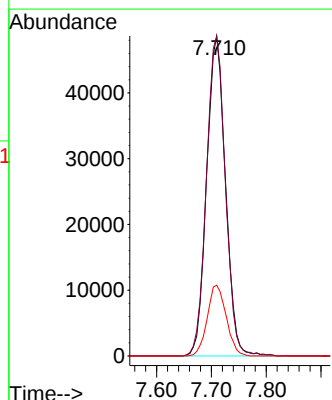
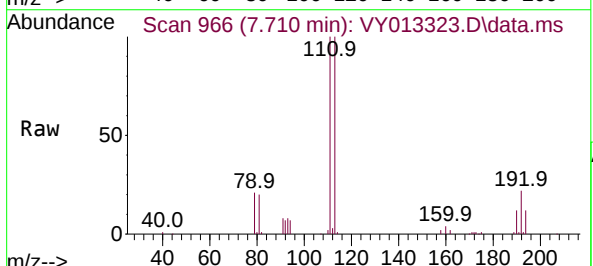
Tgt Ion:113 Resp: 115655

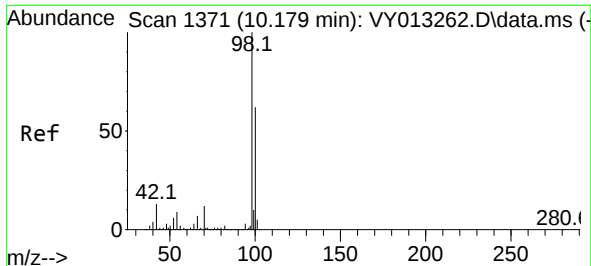
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

192 22.3 16.8 25.2

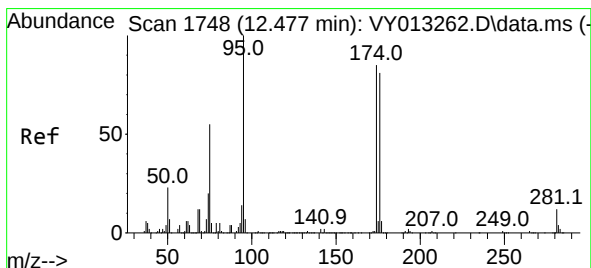
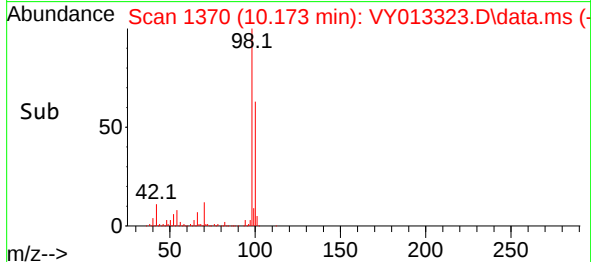
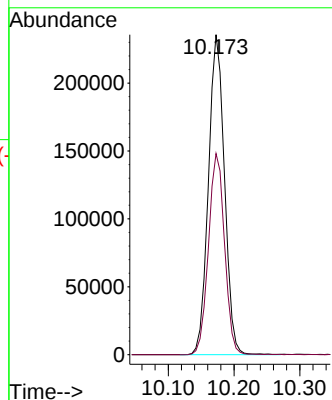
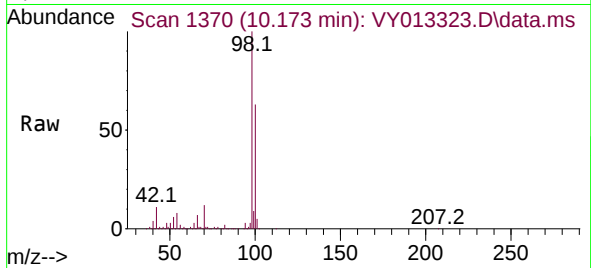




#50
Toluene-d8
Concen: 49.491 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013323.D
Acq: 14 Apr 2023 16:54

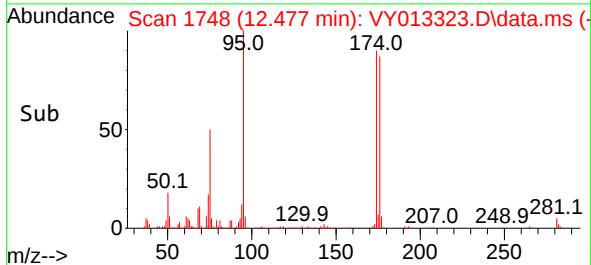
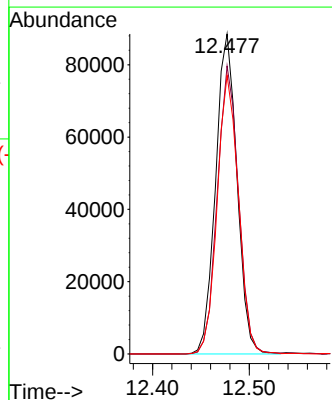
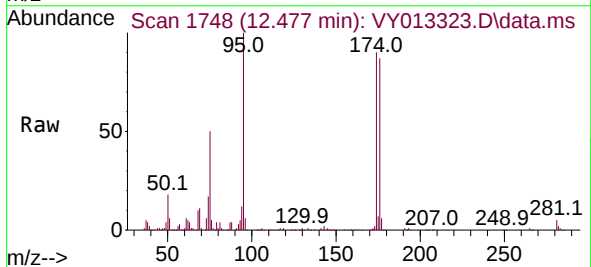
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-2

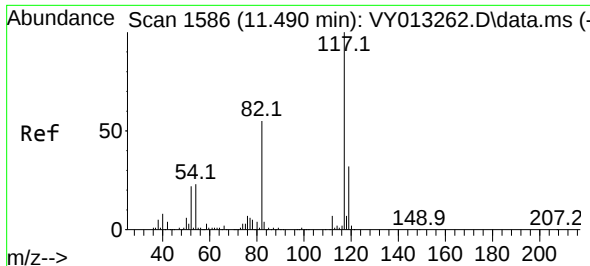
Tgt Ion: 98 Resp: 400303
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.692 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013323.D
Acq: 14 Apr 2023 16:54

Tgt Ion: 95 Resp: 135849
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 86.6 0.0 170.2

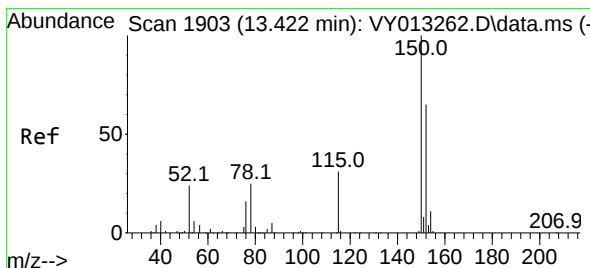
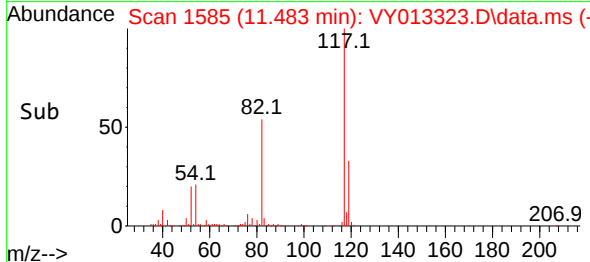
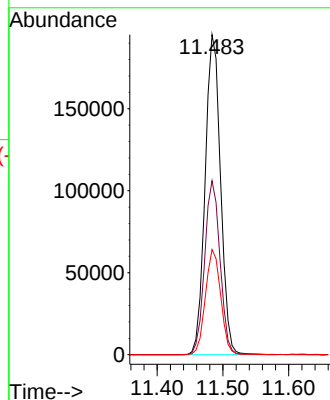
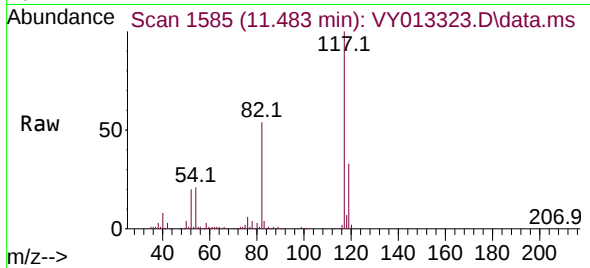




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013323.D
Acq: 14 Apr 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-2

Tgt Ion:117 Resp: 318380
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013323.D
Acq: 14 Apr 2023 16:54

Tgt Ion:152 Resp: 157581
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 157.0 0.0 347.8

