

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010820.D
 Acq On : 05 Oct 2022 15:16
 Operator : KP/MD
 Sample : N4995-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L-1

Quant Time: Oct 06 09:18:51 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	15684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	24410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	19322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6123	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8806	55.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.780%
35) Dibromofluoromethane	7.710	113	6487	40.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.060%
50) Toluene-d8	10.179	98	24058	43.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.820%
62) 4-Bromofluorobenzene	12.483	95	6997	30.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.840%

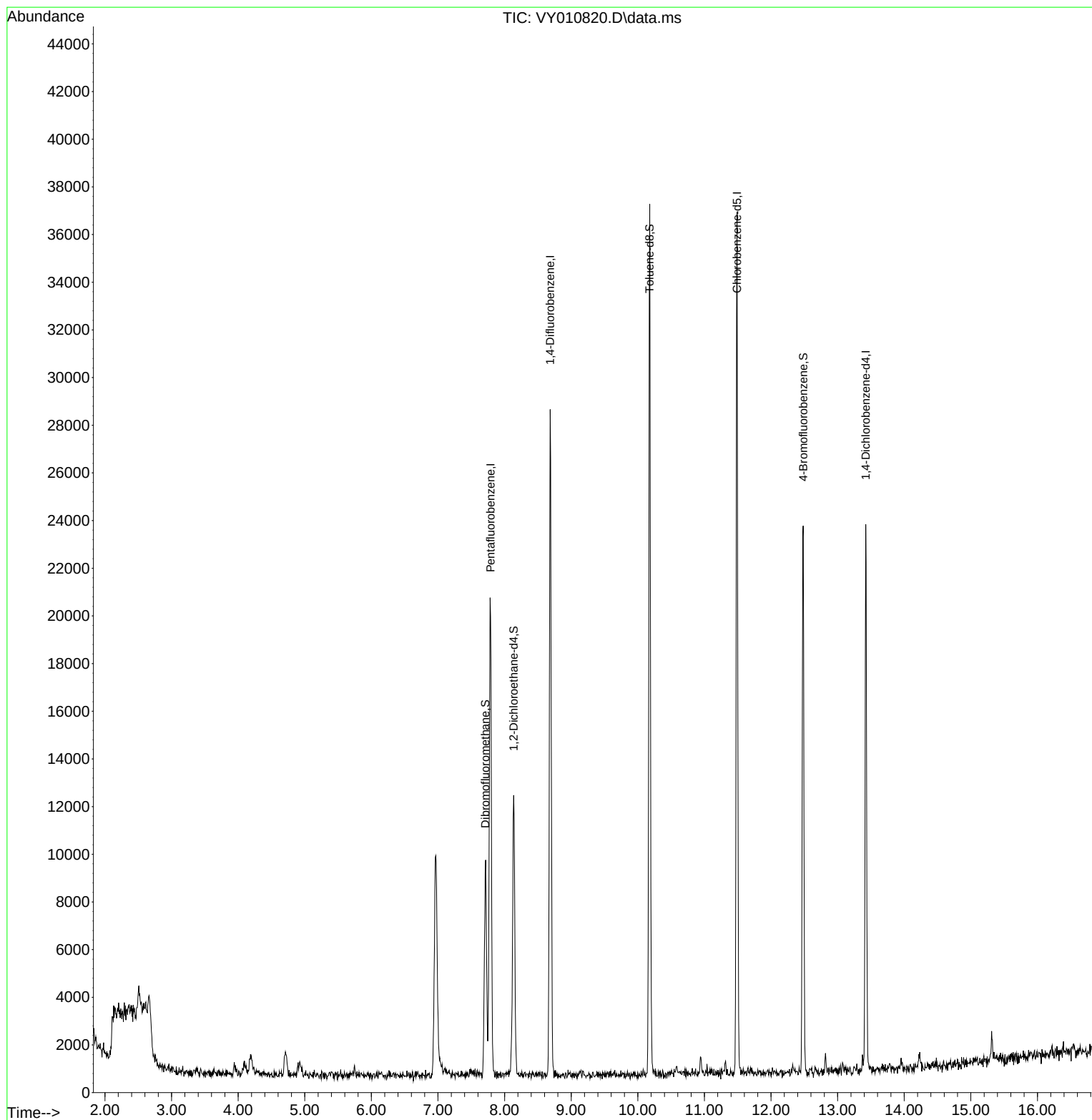
Target Compounds	Qvalue

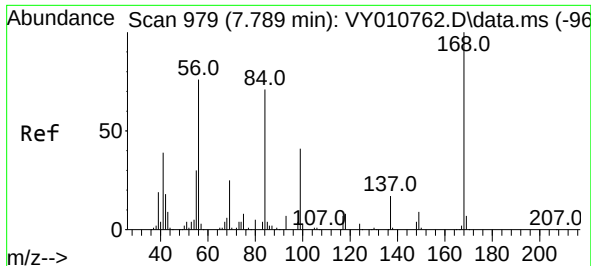
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
Data File : VY010820.D
Acq On : 05 Oct 2022 15:16
Operator : KP/MD
Sample : N4995-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-1

Quant Time: Oct 06 09:18:51 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

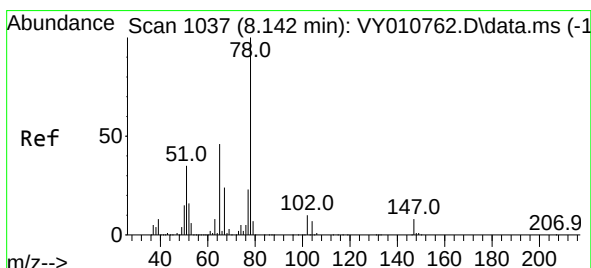
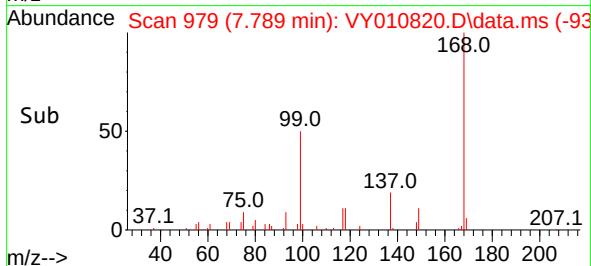
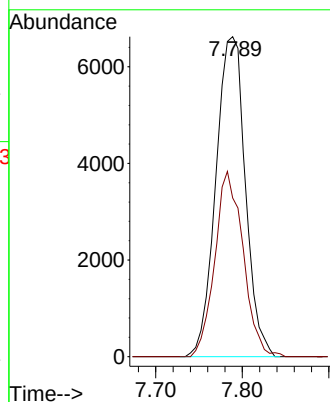
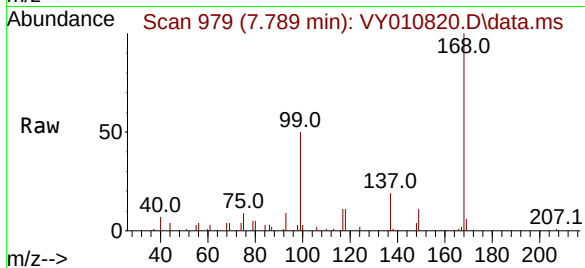




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010820.D
Acq: 05 Oct 2022 15:16

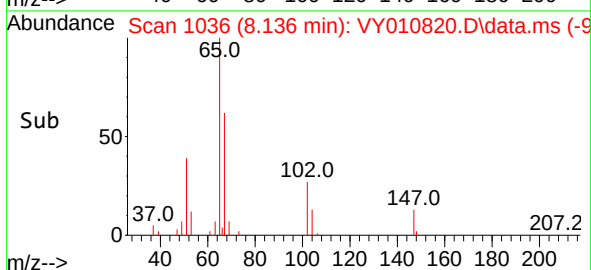
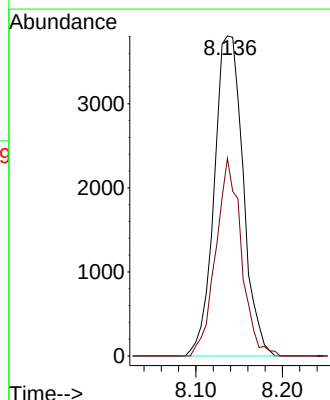
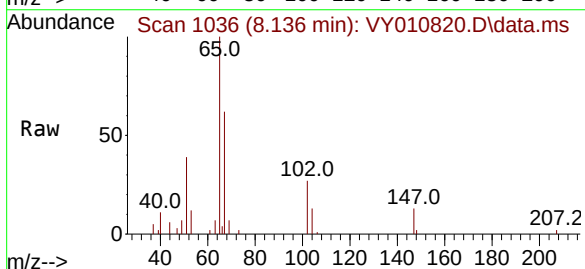
Instrument :
MSVOA_Y
ClientSampleId :
L-1

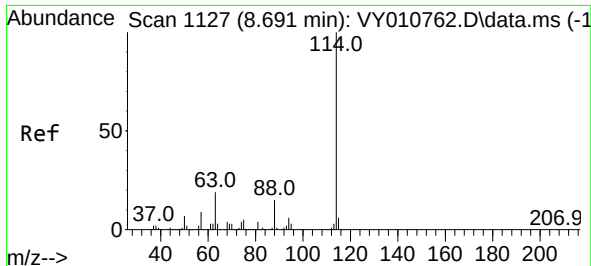
Tgt Ion:168 Resp: 15684
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.392 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010820.D
Acq: 05 Oct 2022 15:16

Tgt Ion: 65 Resp: 8806
Ion Ratio Lower Upper
65 100
67 54.7 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: VY010820.D

Acq: 05 Oct 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

L-1

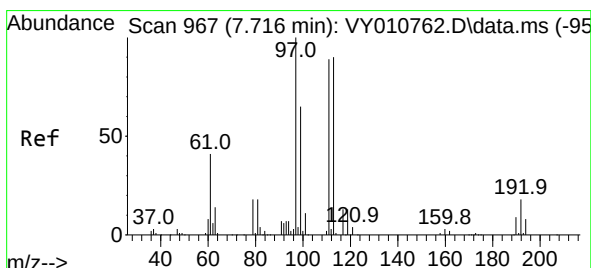
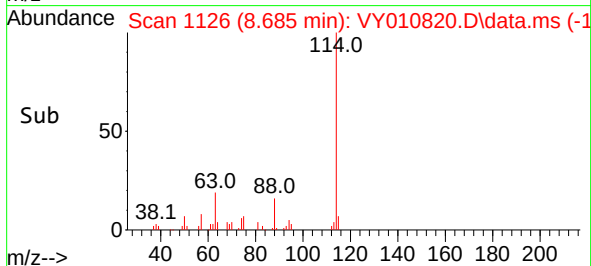
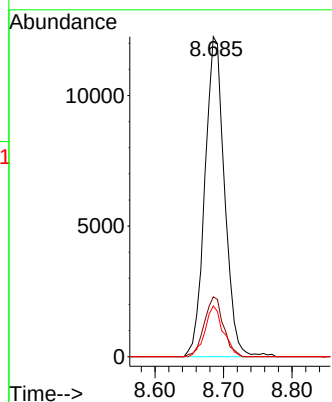
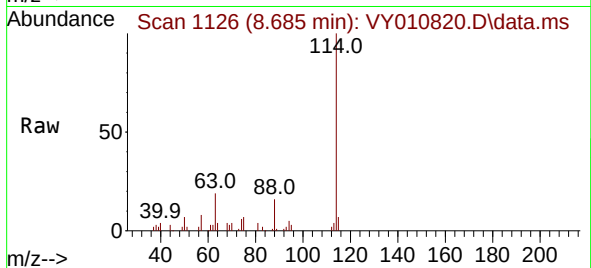
Tgt Ion:114 Resp: 24410

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.035 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010820.D

Acq: 05 Oct 2022 15:16

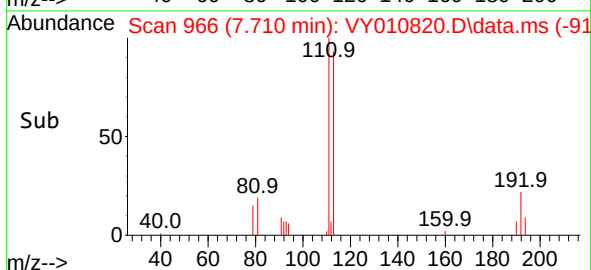
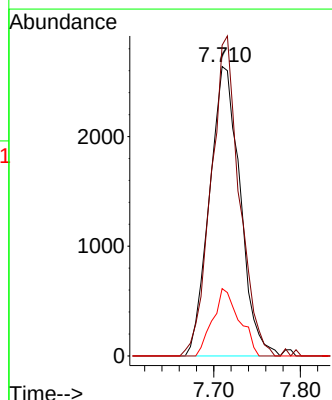
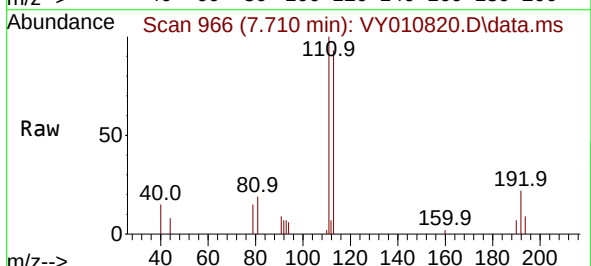
Tgt Ion:113 Resp: 6487

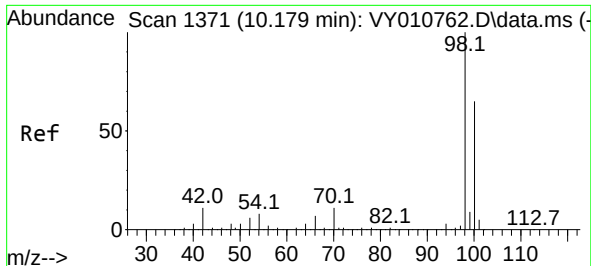
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.2 17.6 26.4

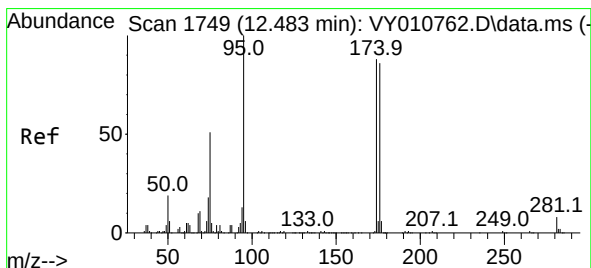
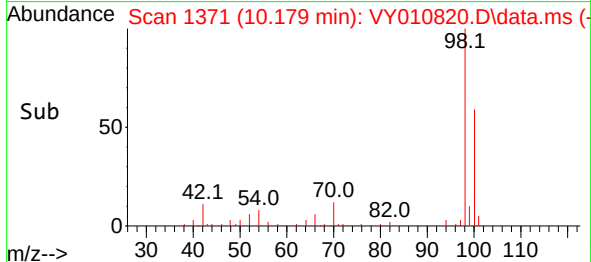
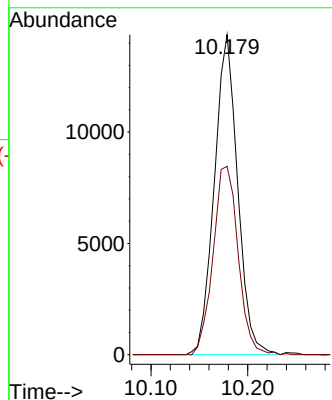
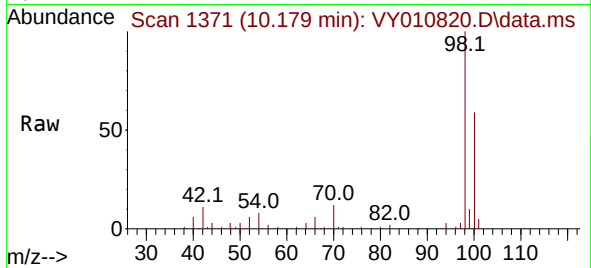




#50
Toluene-d8
Concen: 43.415 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010820.D
Acq: 05 Oct 2022 15:16

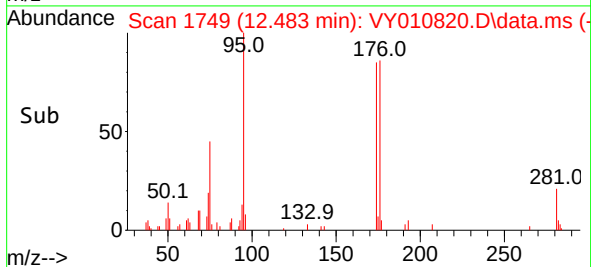
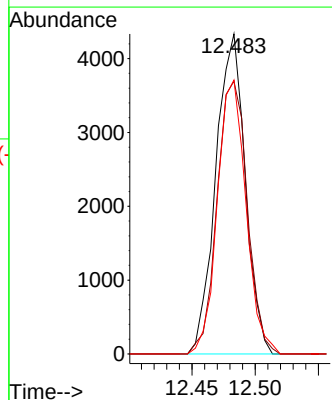
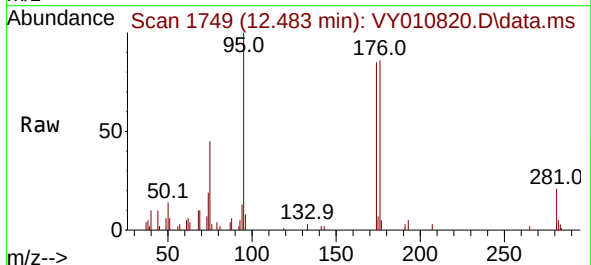
Instrument :
MSVOA_Y
ClientSampleId :
L-1

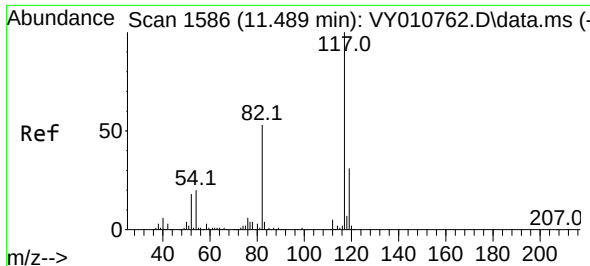
Tgt Ion: 98 Resp: 24058
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.915 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010820.D
Acq: 05 Oct 2022 15:16

Tgt Ion: 95 Resp: 6997
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 83.2 0.0 175.8

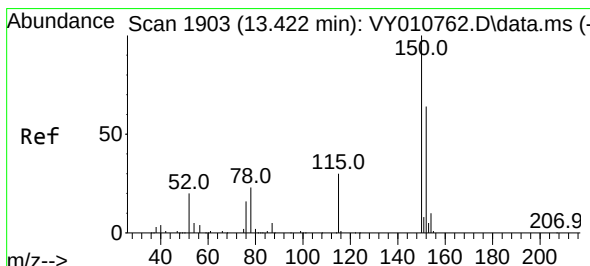
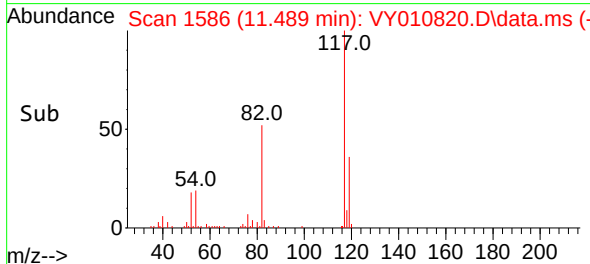
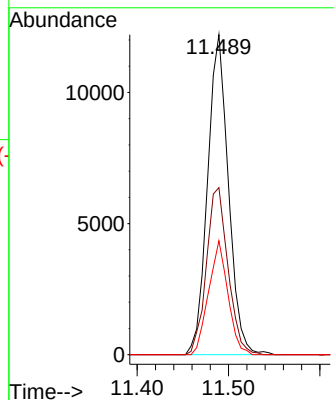
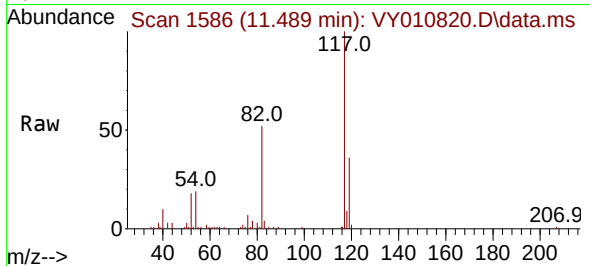




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010820.D
Acq: 05 Oct 2022 15:16

Instrument :
MSVOA_Y
ClientSampleId :
L-1

Tgt Ion:	117	Resp:	19322
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	35.6	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: VY010820.D
Acq: 05 Oct 2022 15:16

Tgt Ion:	152	Resp:	6123
Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.2	84.7
150	152.7	0.0	347.6

