

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006339.D
 Acq On : 07 Oct 2021 18:12
 Operator : SY/MD
 Sample : M4117-11
 Misc : 4.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(1.5-2.0)

Quant Time: Oct 08 07:14:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	115805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	180785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86169	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78958	63.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.40%
35) Dibromofluoromethane	7.722	113	56987	56.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.50%
50) Toluene-d8	10.179	98	237389	55.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.98%
62) 4-Bromofluorobenzene	12.483	95	75202	52.21	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.42%

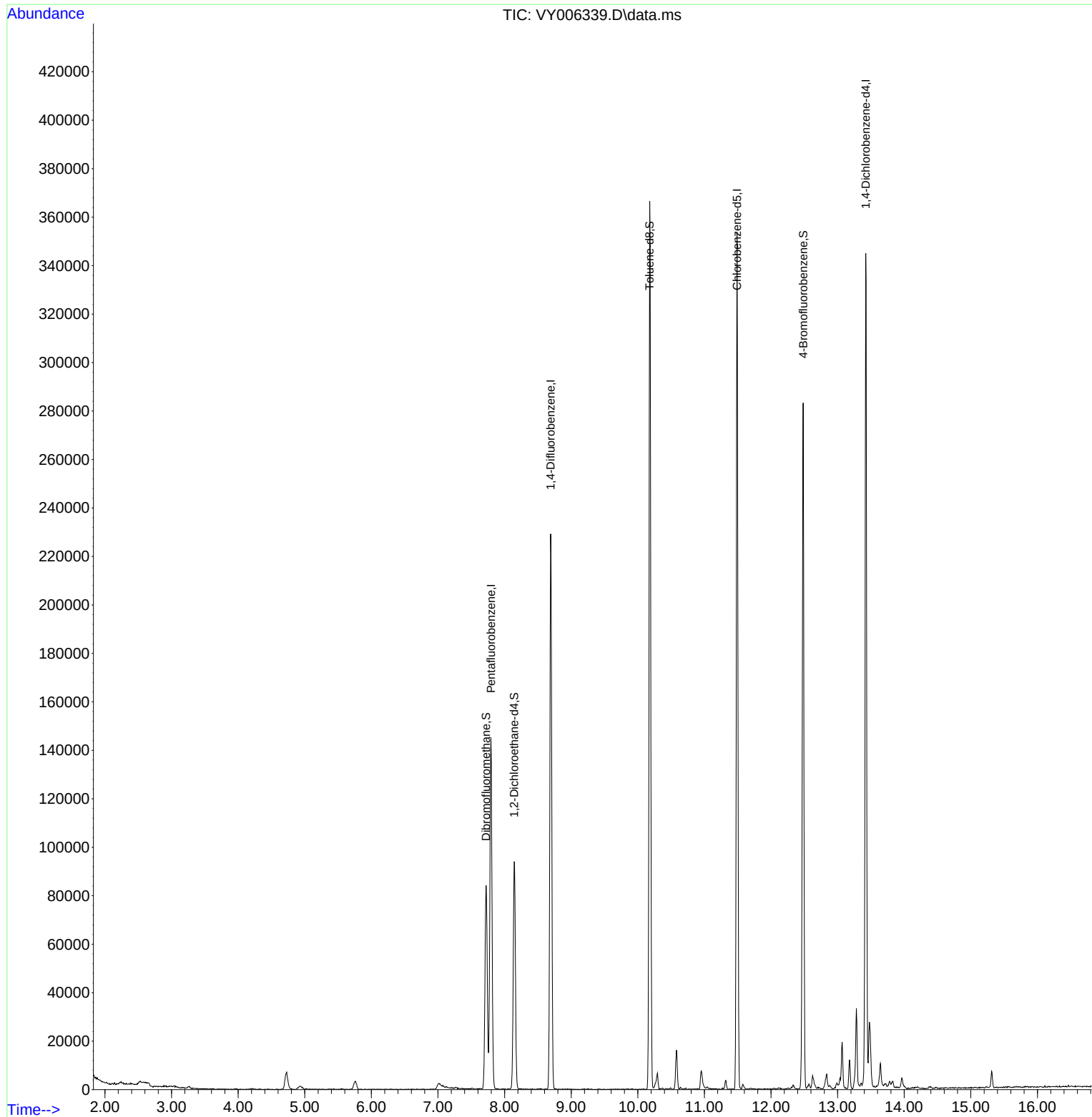
Target Compounds	Qvalue

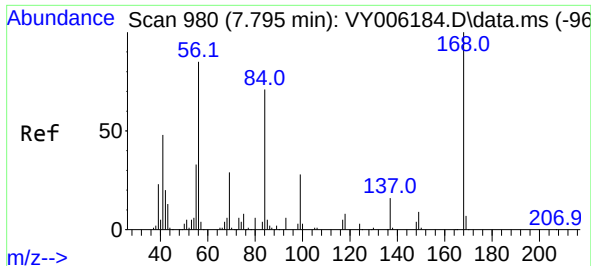
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
Data File : VY006339.D
Acq On : 07 Oct 2021 18:12
Operator : SY/MD
Sample : M4117-11
Misc : 4.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

Quant Time: Oct 08 07:14:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

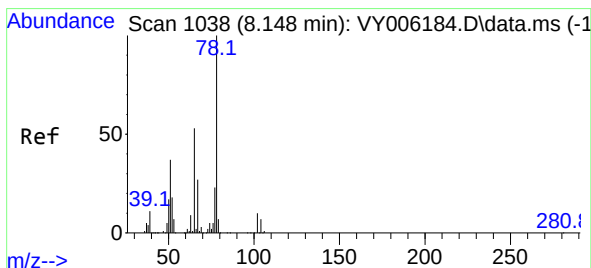
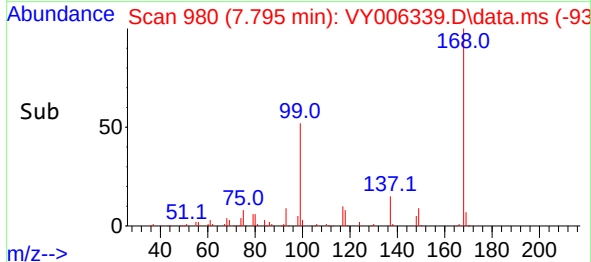
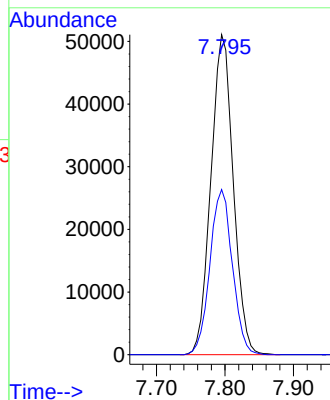
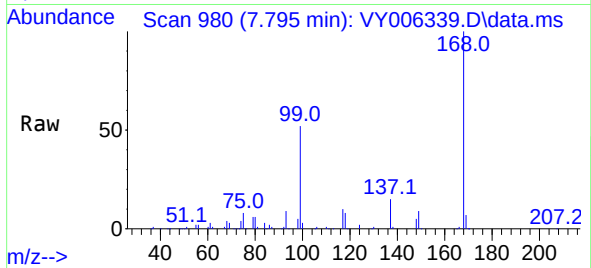




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

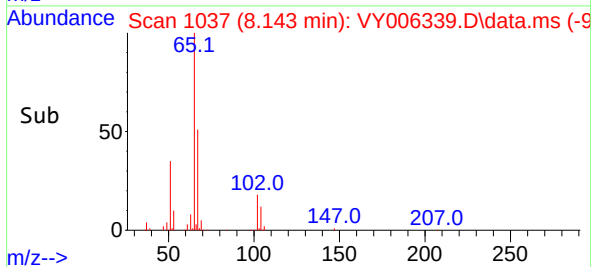
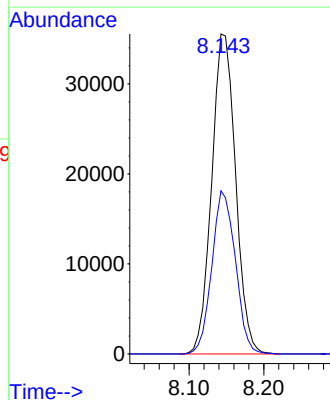
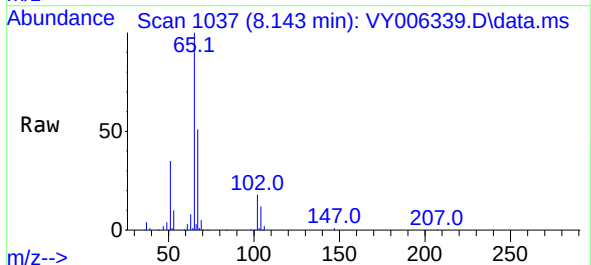
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

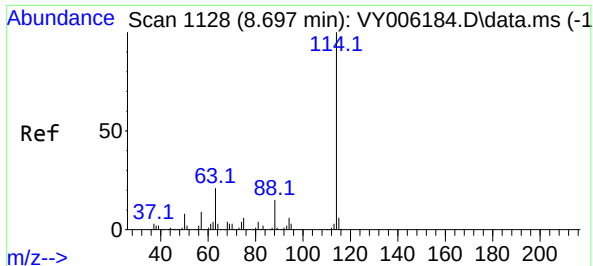
Tgt Ion:168 Resp: 115805
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.70 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion: 65 Resp: 78958
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4

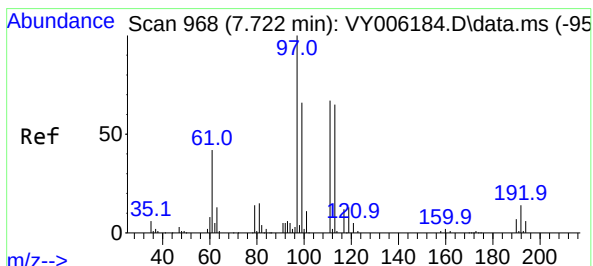
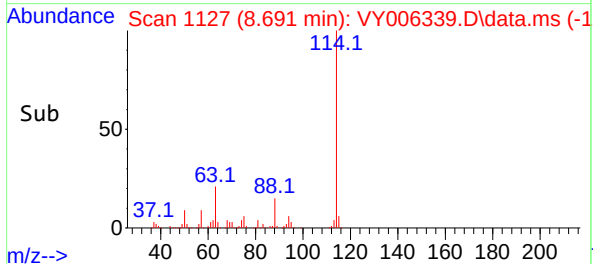
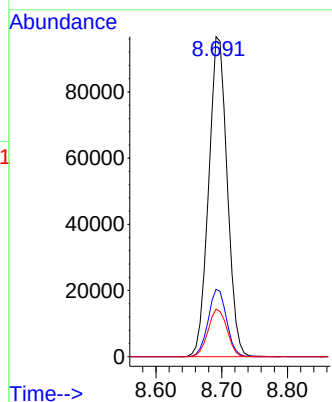
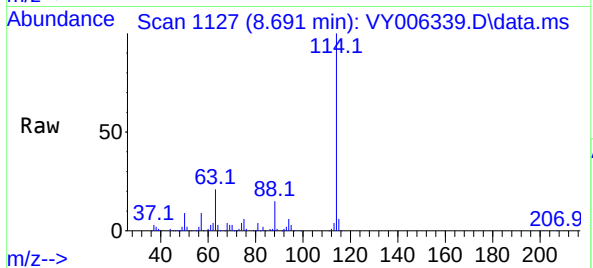




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

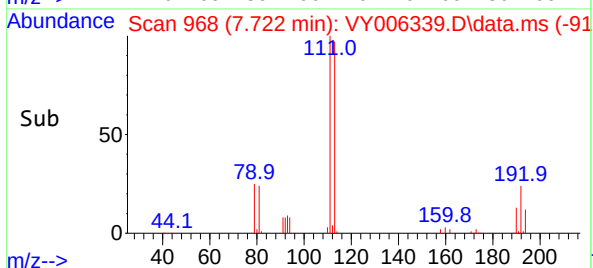
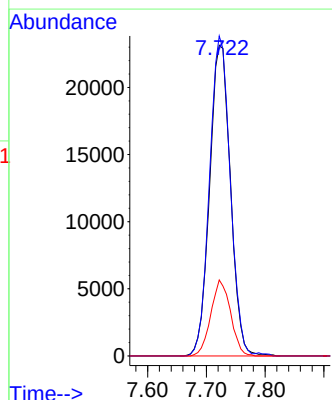
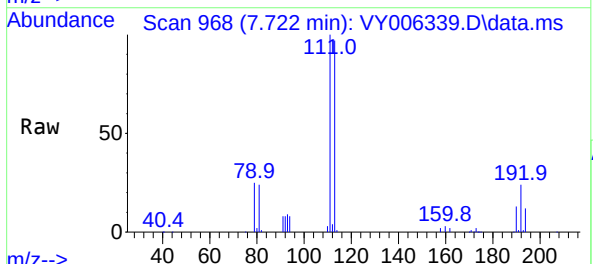
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

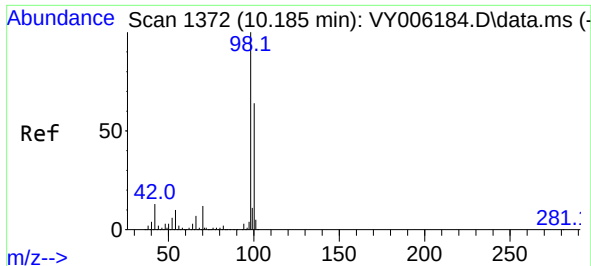
Tgt Ion:	114	Resp:	189628
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	14.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.25 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion:	113	Resp:	56987
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	23.1	17.6	26.4

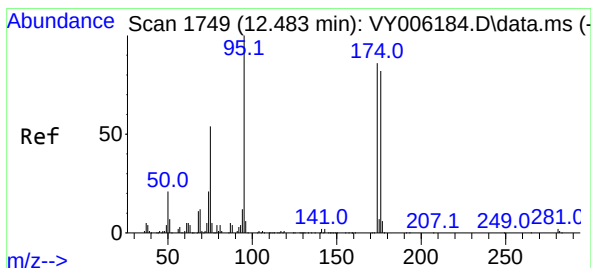
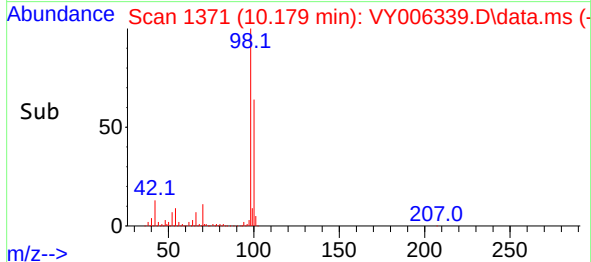
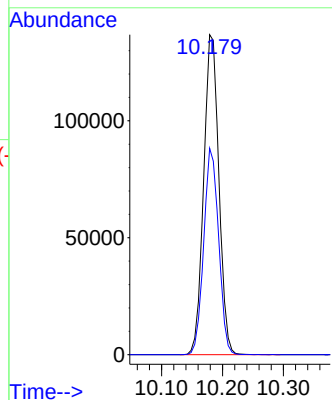
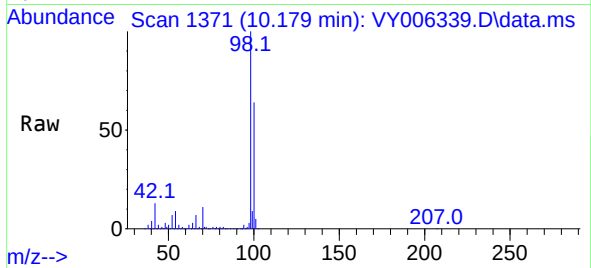




#50
Toluene-d8
Concen: 55.99 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

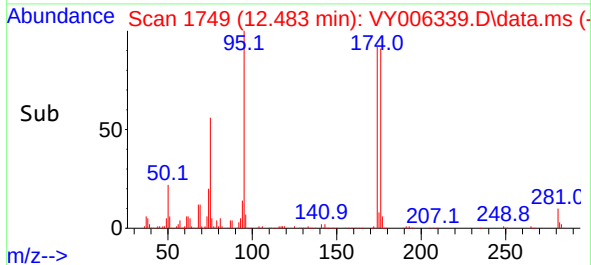
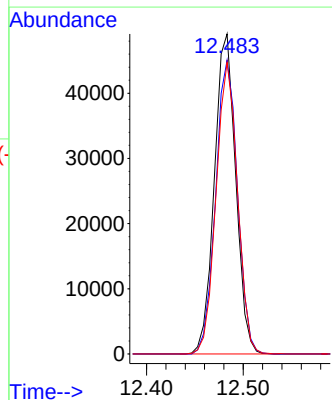
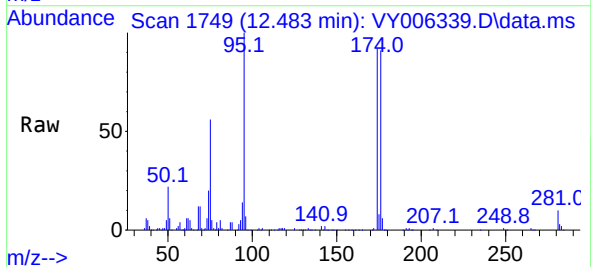
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

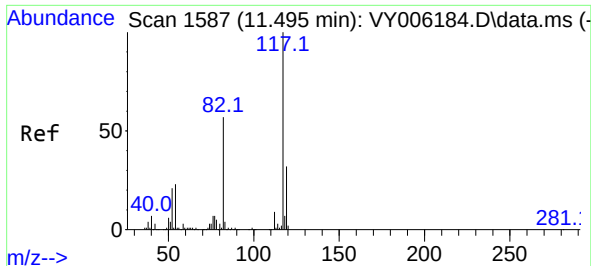
Tgt Ion: 98 Resp: 237389
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion: 95 Resp: 75202
Ion Ratio Lower Upper
95 100
174 93.9 0.0 177.0
176 91.1 0.0 175.8

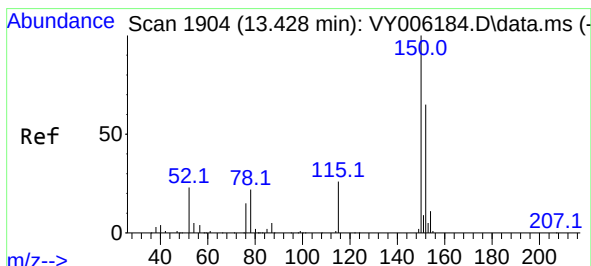
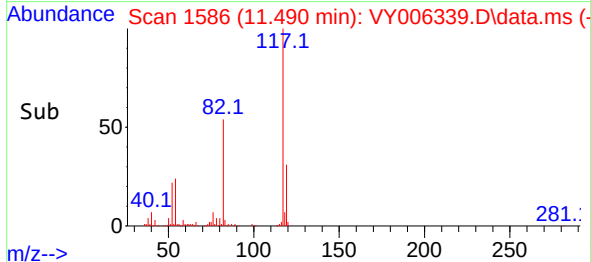
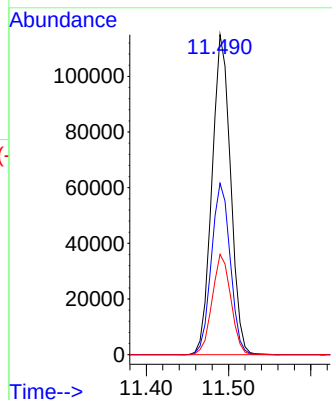
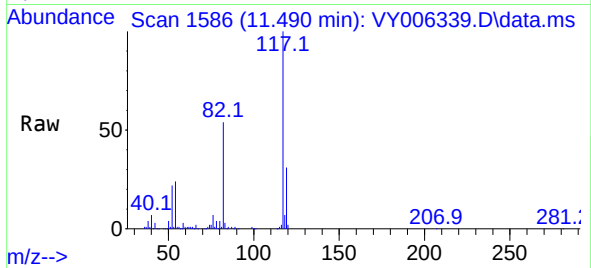




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

Tgt Ion:	117	Resp:	180785
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.0	64.4
119	31.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion:	152	Resp:	86169
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	159.3	0.0	347.6

