

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011976.D
 Acq On : 22 Dec 2022 15:48
 Operator : KP/MD
 Sample : N6151-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-02-(0-2)

Quant Time: Dec 23 04:32:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

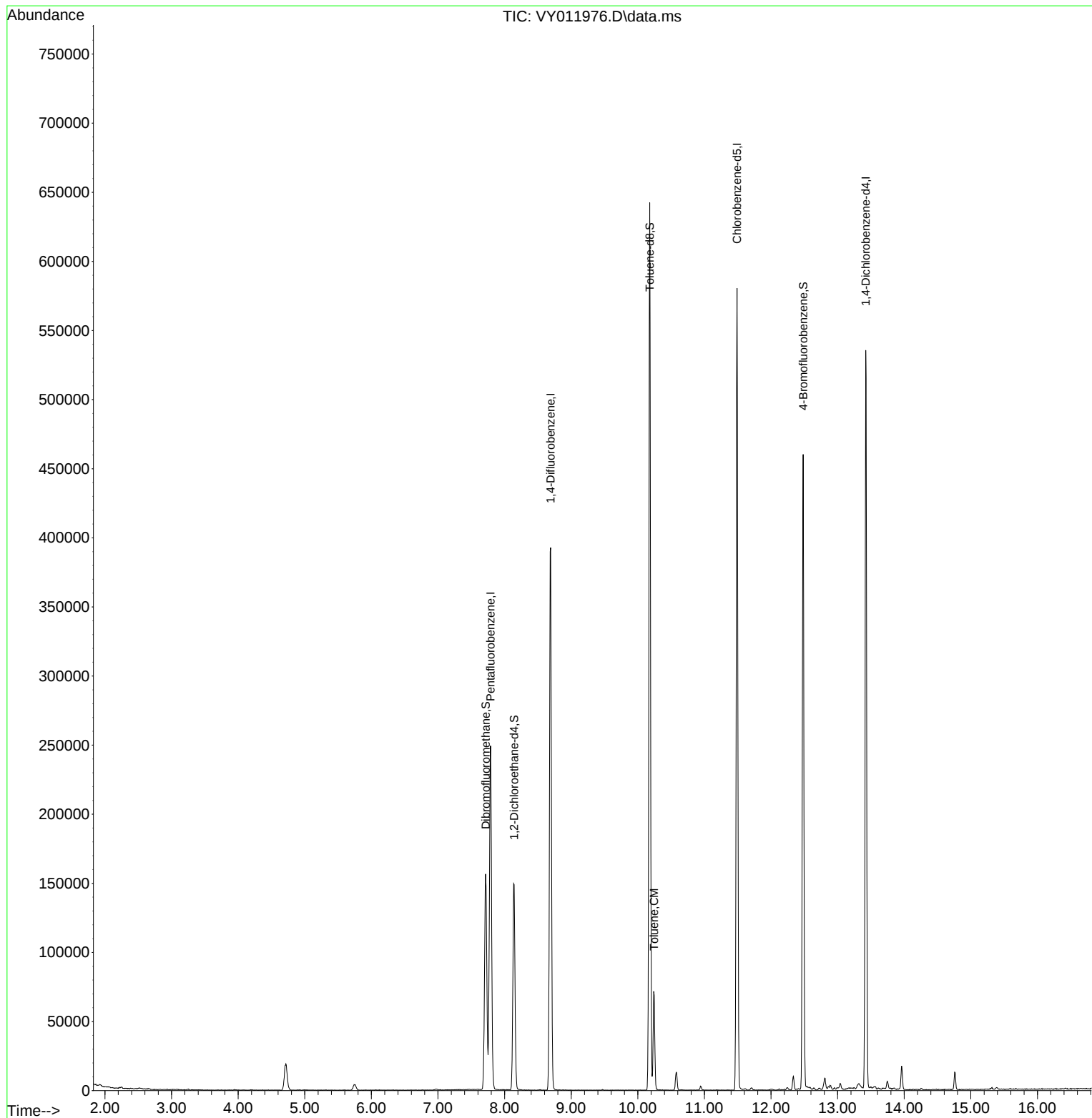
Internal Standards						
1) Pentafluorobenzene	7.789	168	194013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	347476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	122384	62.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.220%
35) Dibromofluoromethane	7.716	113	110082	52.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.240%
50) Toluene-d8	10.179	98	421222	49.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.483	95	133596	46.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.600%
Target Compounds						
52) Toluene	10.246	92	29524	4.826	ug/l	99

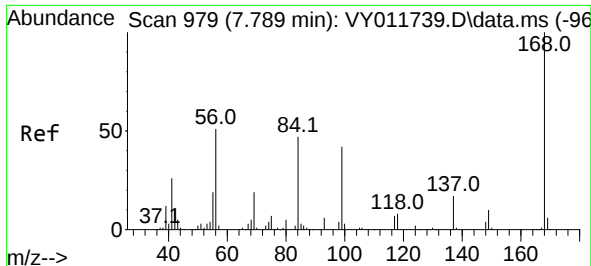
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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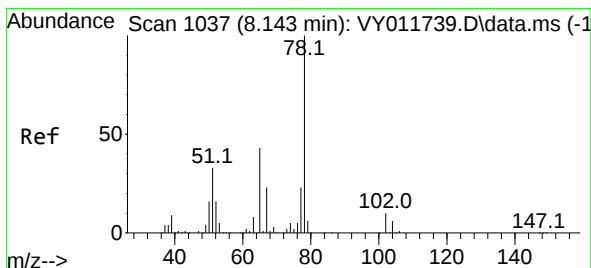
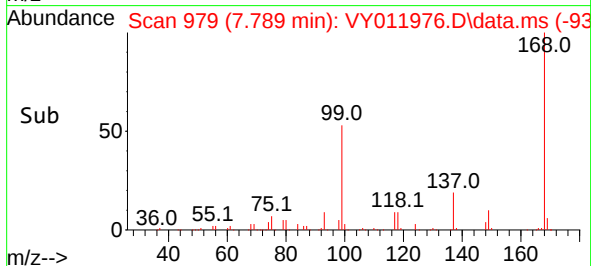
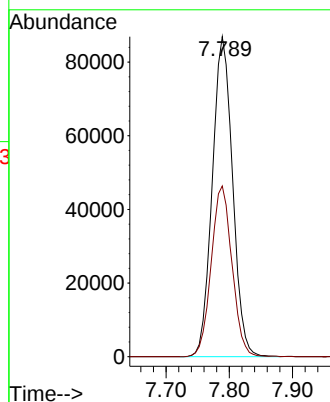
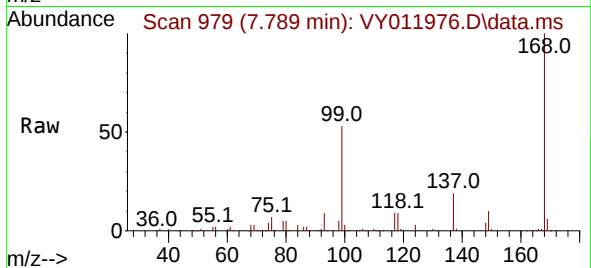




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011976.D
Acq: 22 Dec 2022 15:48

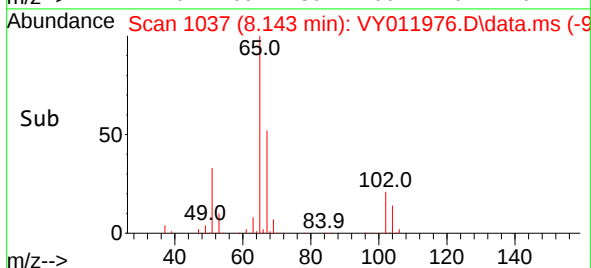
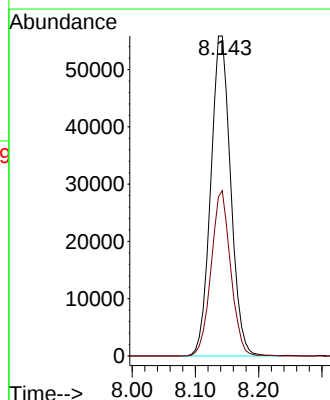
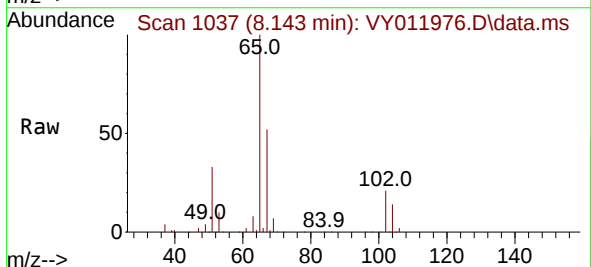
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

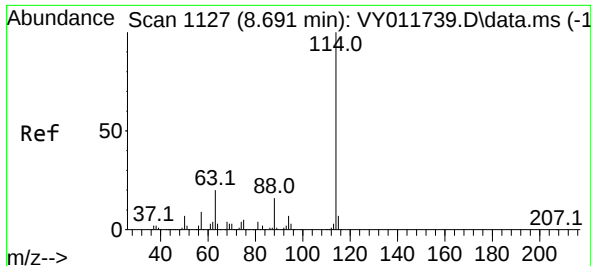
Tgt Ion:168 Resp: 194013
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 62.612 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011976.D
Acq: 22 Dec 2022 15:48

Tgt Ion: 65 Resp: 122384
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.2

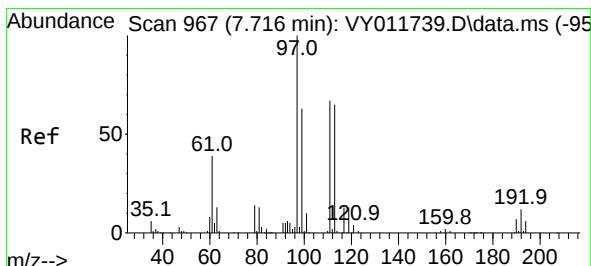
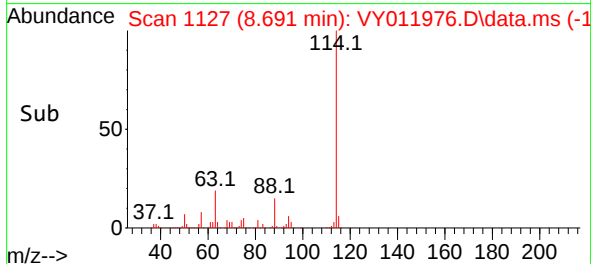
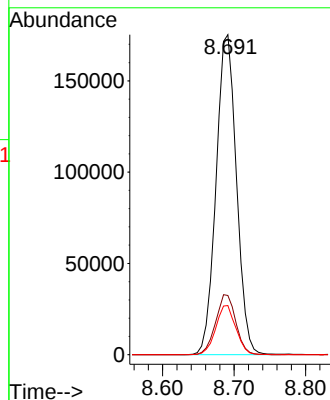
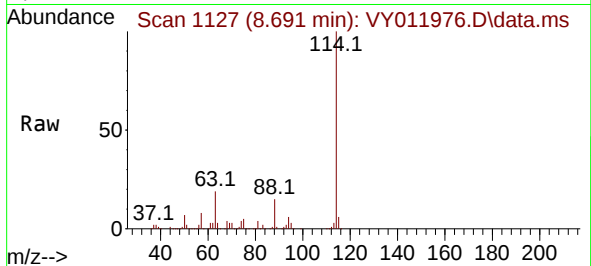




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011976.D
Acq: 22 Dec 2022 15:48

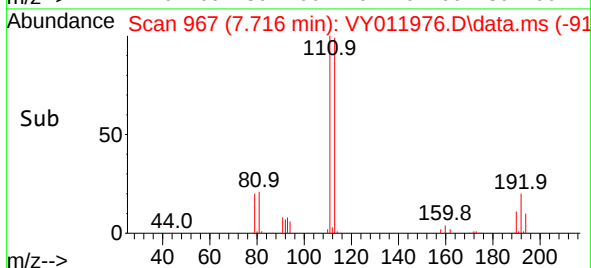
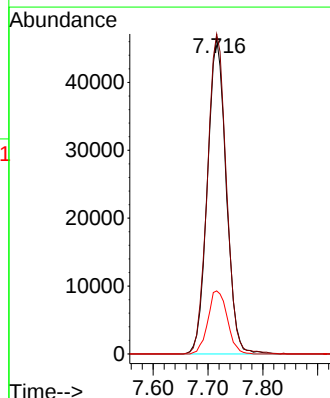
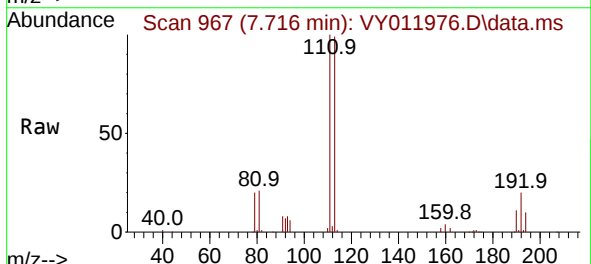
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

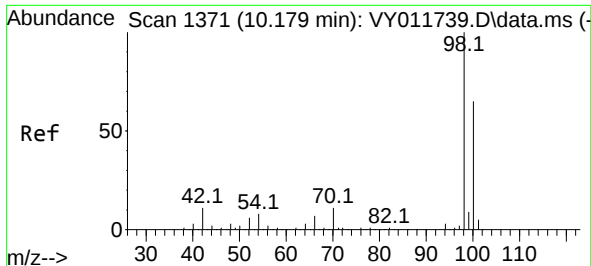
Tgt Ion:	114	Resp:	347476
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	39.6
88	15.4	0.0	32.2



#35
Dibromofluoromethane
Concen: 52.623 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011976.D
Acq: 22 Dec 2022 15:48

Tgt Ion:	113	Resp:	110082
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.0	124.4
192	20.7	16.0	24.0

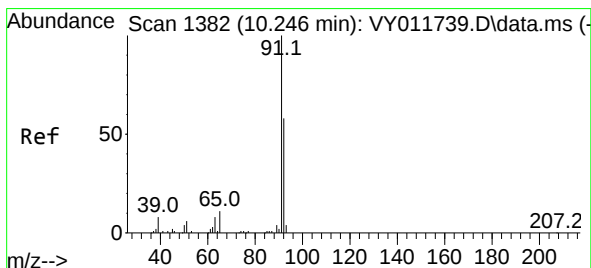
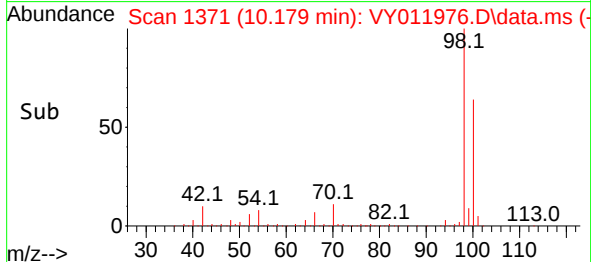
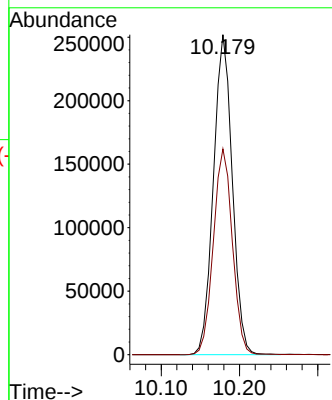
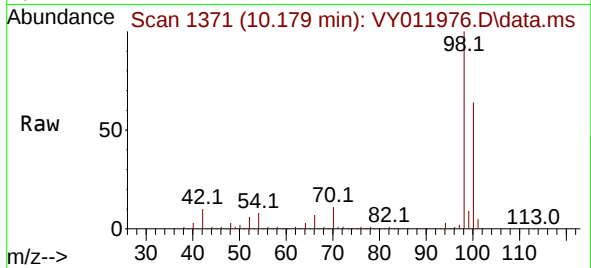




#50
Toluene-d8
Concen: 49.629 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011976.D
Acq: 22 Dec 2022 15:48

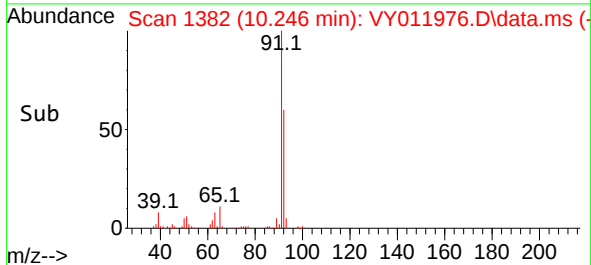
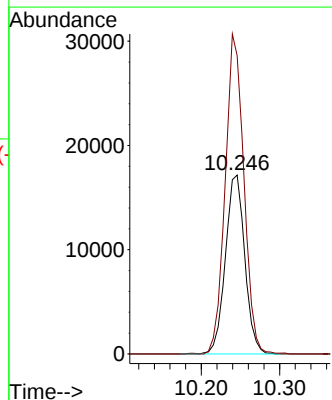
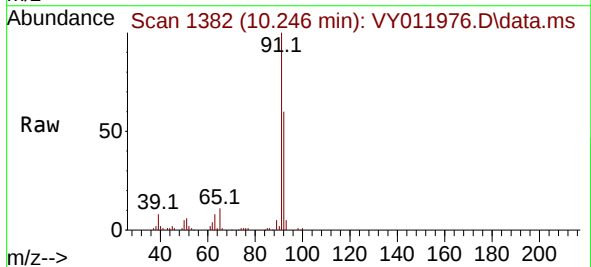
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

Tgt Ion: 98 Resp: 421222
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#52
Toluene
Concen: 4.826 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011976.D
Acq: 22 Dec 2022 15:48

Tgt Ion: 92 Resp: 29524
Ion Ratio Lower Upper
92 100
91 172.4 137.4 206.0

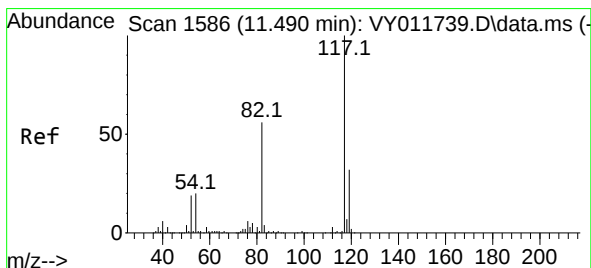
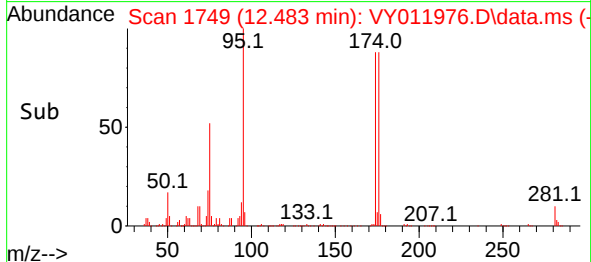
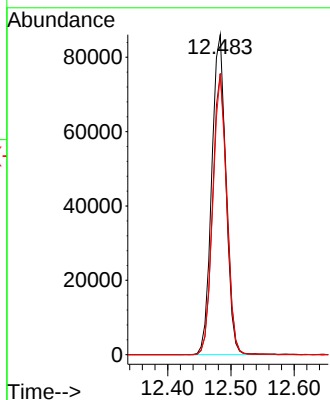
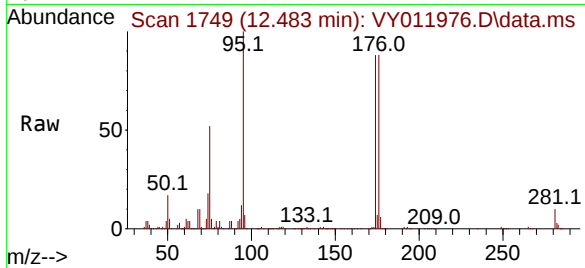




#62
4-Bromofluorobenzene
Concen: 46.802 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011976.D
Acq: 22 Dec 2022 15:48

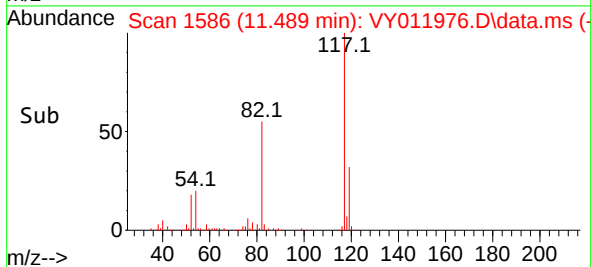
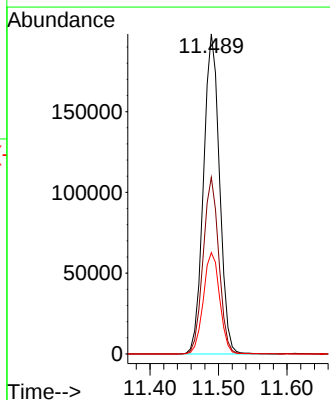
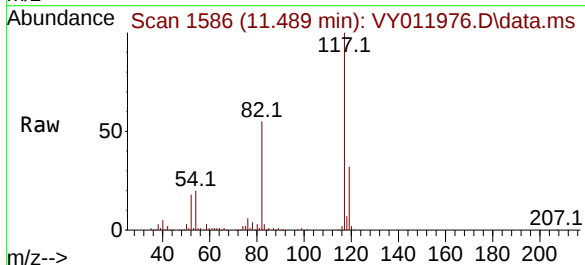
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

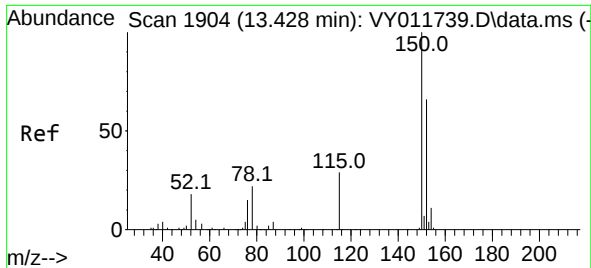
Tgt Ion: 95 Resp: 133596
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.0
176 85.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011976.D
Acq: 22 Dec 2022 15:48

Tgt Ion: 117 Resp: 322829
Ion Ratio Lower Upper
117 100
82 55.2 44.8 67.2
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY011976.D

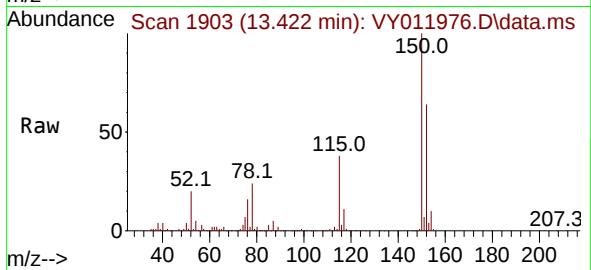
Acq: 22 Dec 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

FS-02-(0-2)



Tgt Ion:152 Resp: 142864

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 156.2 0.0 342.6

