

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011955.D
 Acq On : 21 Dec 2022 18:31
 Operator : KP/MD
 Sample : N6151-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 22 00:15:00 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)

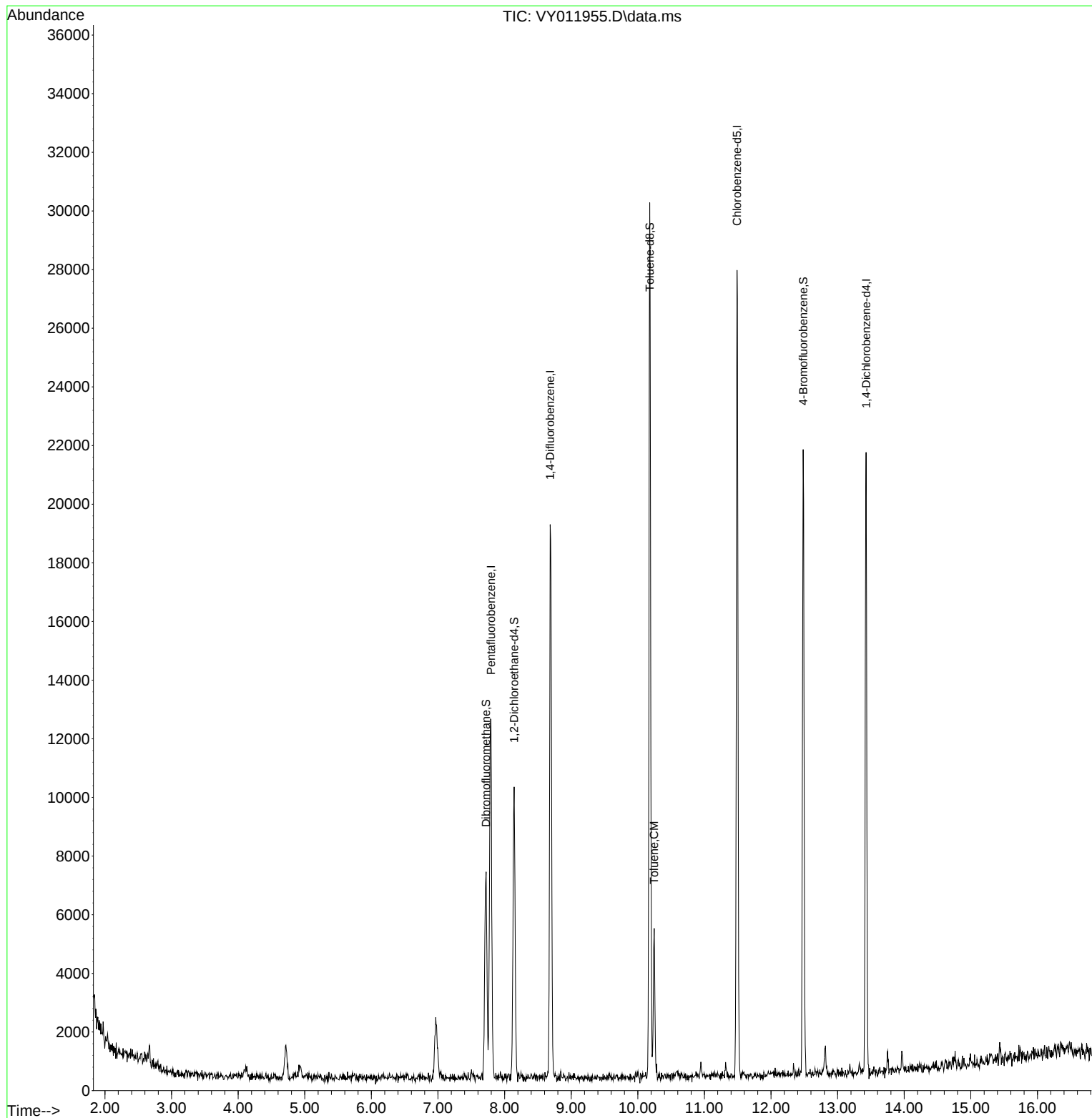
Internal Standards						
1) Pentafluorobenzene	7.795	168	10309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7935	76.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.800%
35) Dibromofluoromethane	7.722	113	5162	48.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.179	98	20585	47.765	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.483	95	6394	44.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.220%
Target Compounds						
52) Toluene	10.246	92	2236	7.198	ug/l	Qvalue 95

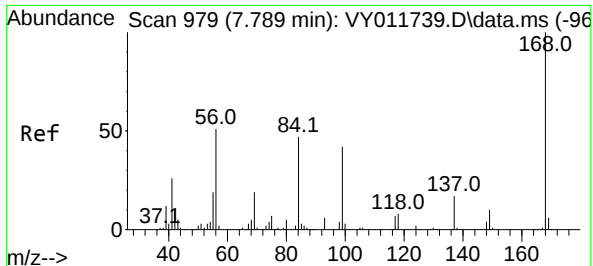
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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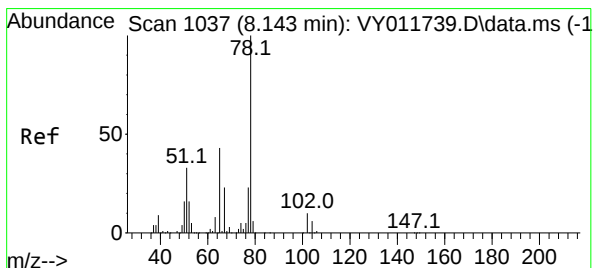
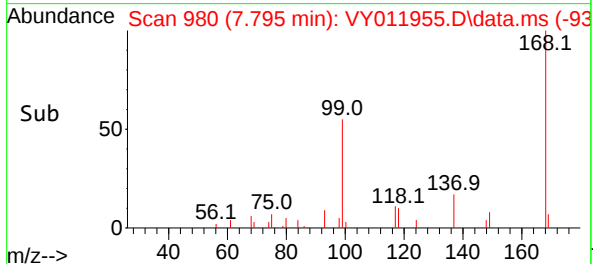
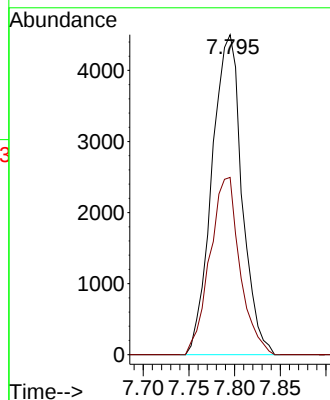
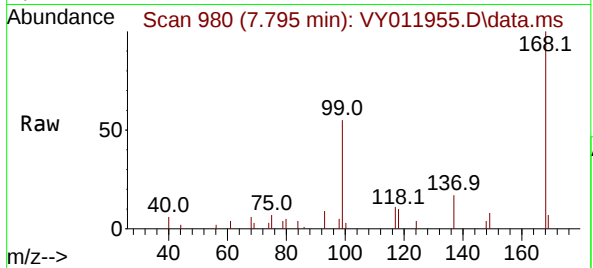




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

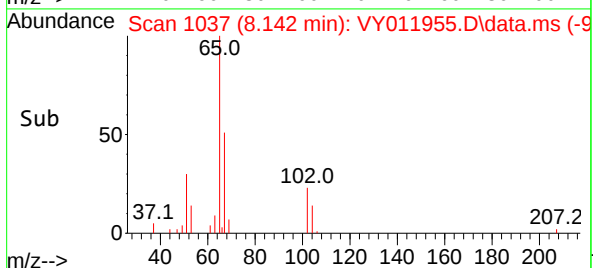
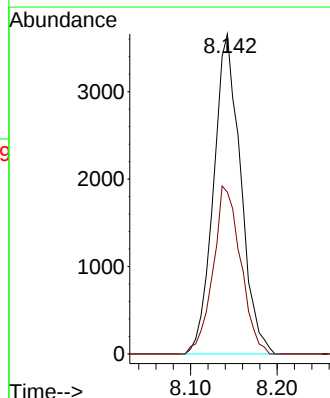
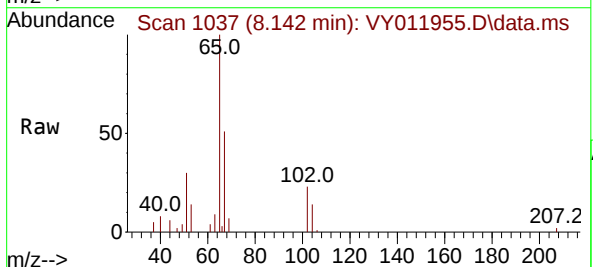
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

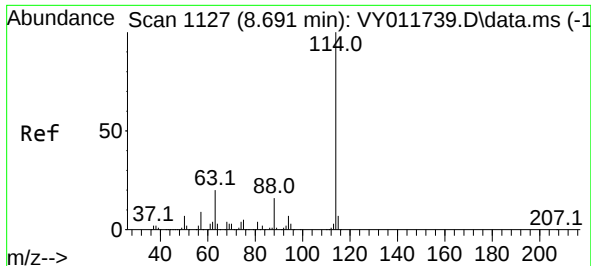
Tgt Ion:168 Resp: 10309
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.400 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Tgt Ion: 65 Resp: 7935
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011955.D

Acq: 21 Dec 2022 18:31

Instrument :

MSVOA_Y

ClientSampleId :

FS-02-(0-2)

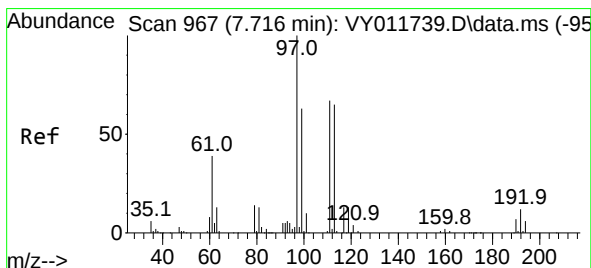
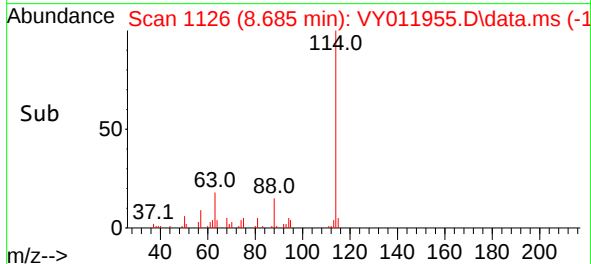
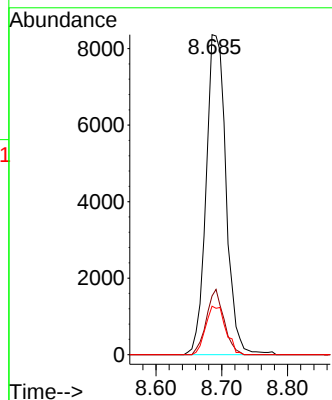
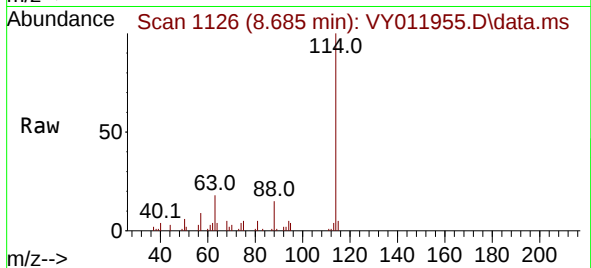
Tgt Ion:114 Resp: 17644

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.596 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011955.D

Acq: 21 Dec 2022 18:31

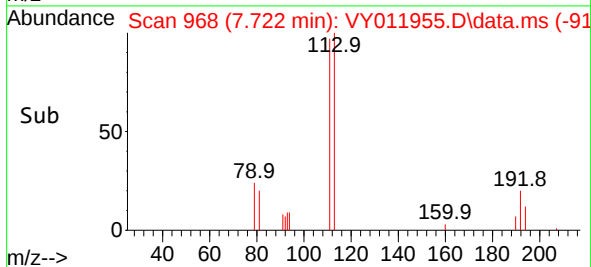
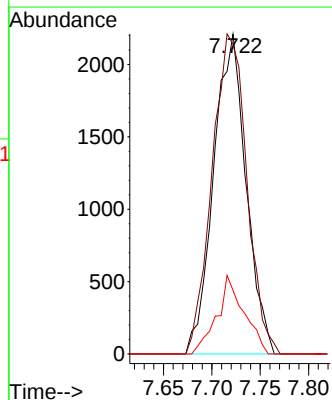
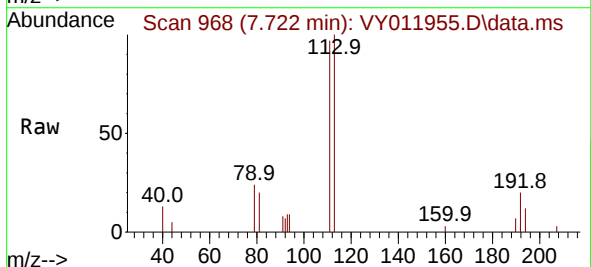
Tgt Ion:113 Resp: 5162

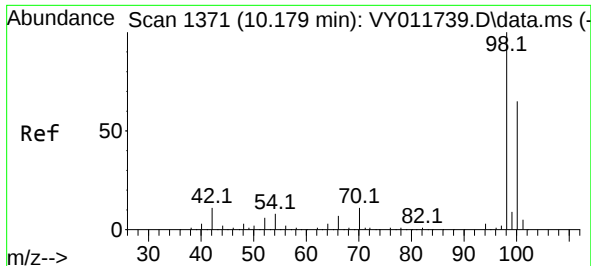
Ion Ratio Lower Upper

113 100

111 107.1 83.0 124.4

192 20.5 16.0 24.0





#50

Toluene-d8

Concen: 47.765 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011955.D

Acq: 21 Dec 2022 18:31

Instrument :

MSVOA_Y

ClientSampleId :

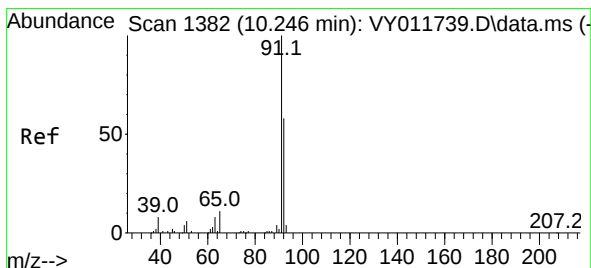
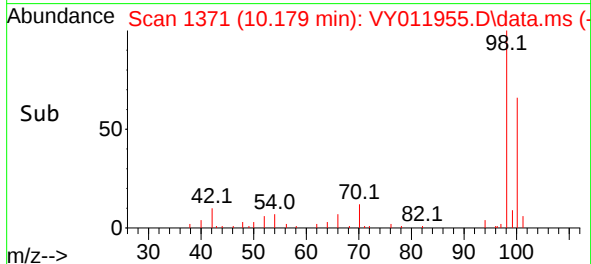
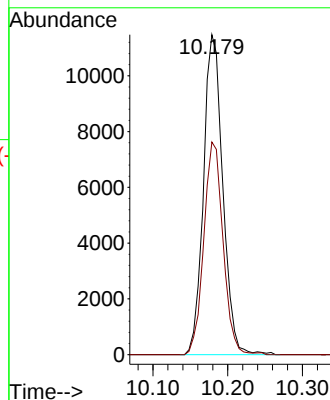
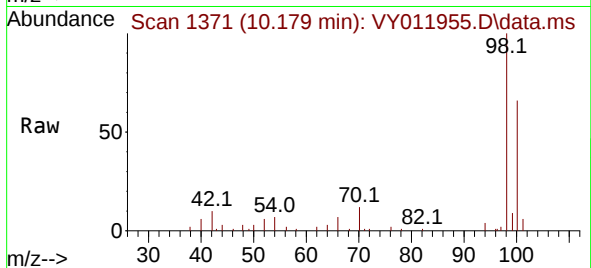
FS-02-(0-2)

Tgt Ion: 98 Resp: 20585

Ion Ratio Lower Upper

98 100

100 66.3 51.9 77.9



#52

Toluene

Concen: 7.198 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY011955.D

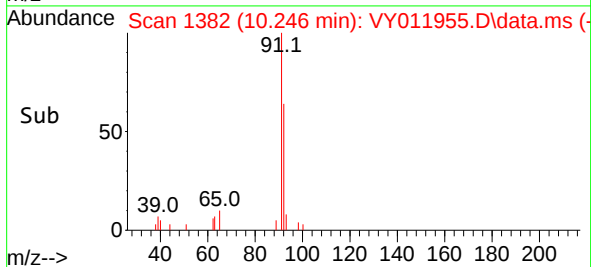
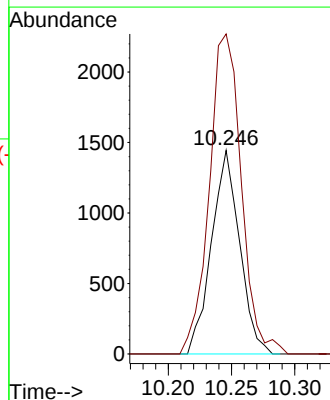
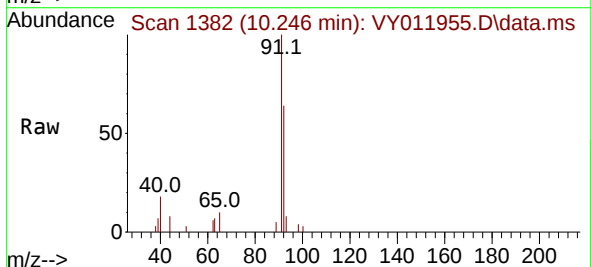
Acq: 21 Dec 2022 18:31

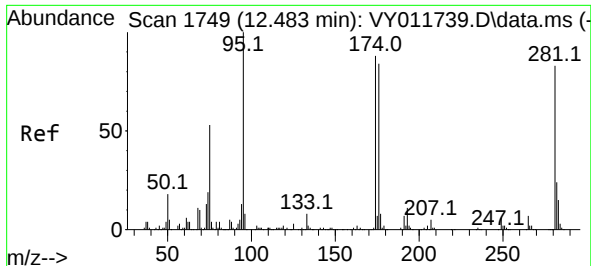
Tgt Ion: 92 Resp: 2236

Ion Ratio Lower Upper

92 100

91 178.7 137.4 206.0

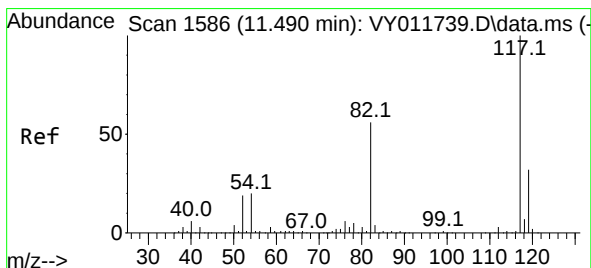
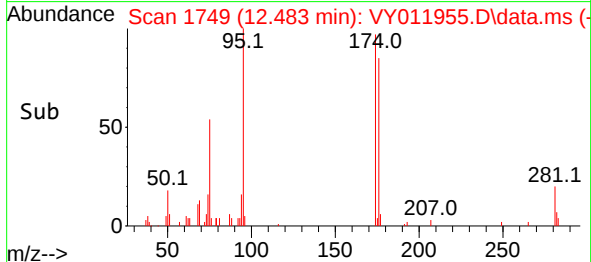
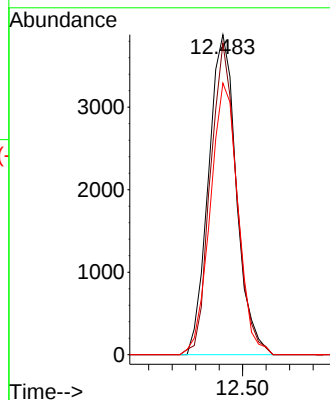
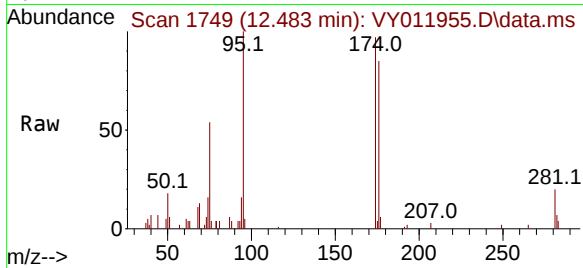




#62
4-Bromofluorobenzene
Concen: 44.114 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

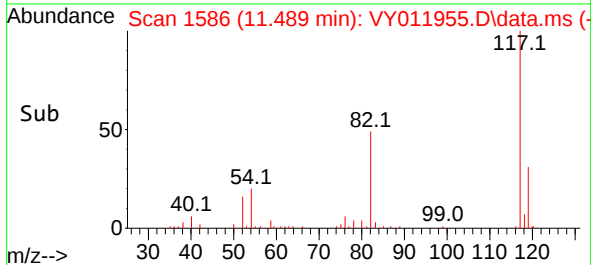
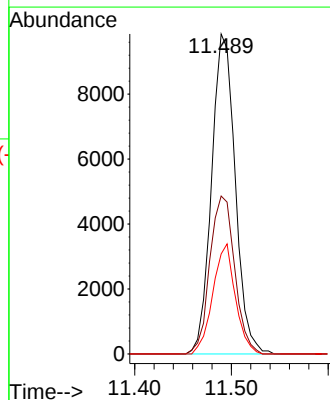
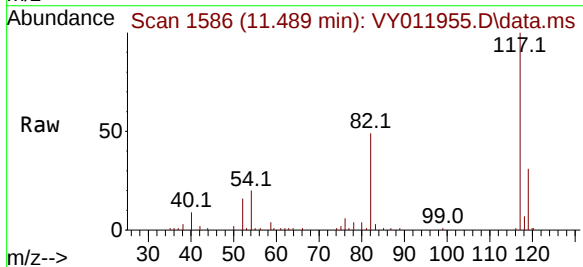
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FS-02-(0-2)

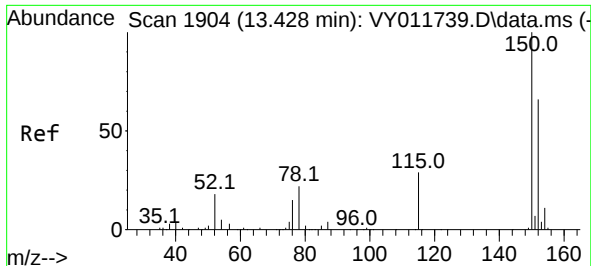
Tgt Ion:	95	Resp:	6394
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	172.0
176	84.4	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Tgt Ion:	117	Resp:	16734
Ion	Ratio	Lower	Upper
117	100		
82	49.4	44.8	67.2
119	31.3	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011955.D

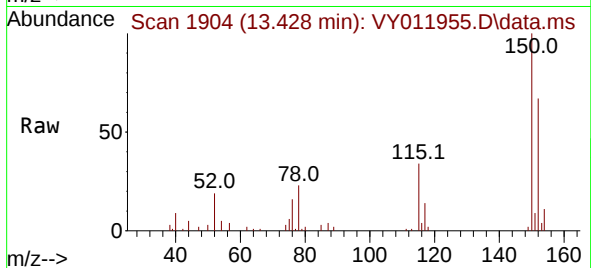
Acq: 21 Dec 2022 18:31

Instrument :

MSVOA_Y

ClientSampleId :

FS-02-(0-2)



Tgt Ion:152 Resp: 6353

Ion Ratio Lower Upper

152 100

115 54.8 29.1 87.3

150 153.5 0.0 342.6

