

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012006.D
 Acq On : 23 Dec 2022 18:32
 Operator : KP/MD
 Sample : N6098-11
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FVSUB-TP2-COMP-02

Quant Time: Dec 23 22:27:02 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	192501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	339658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	115969	59.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.600%
35) Dibromofluoromethane	7.722	113	106584	52.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.240%
50) Toluene-d8	10.179	98	412326	49.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.483	95	129940	46.569	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.140%

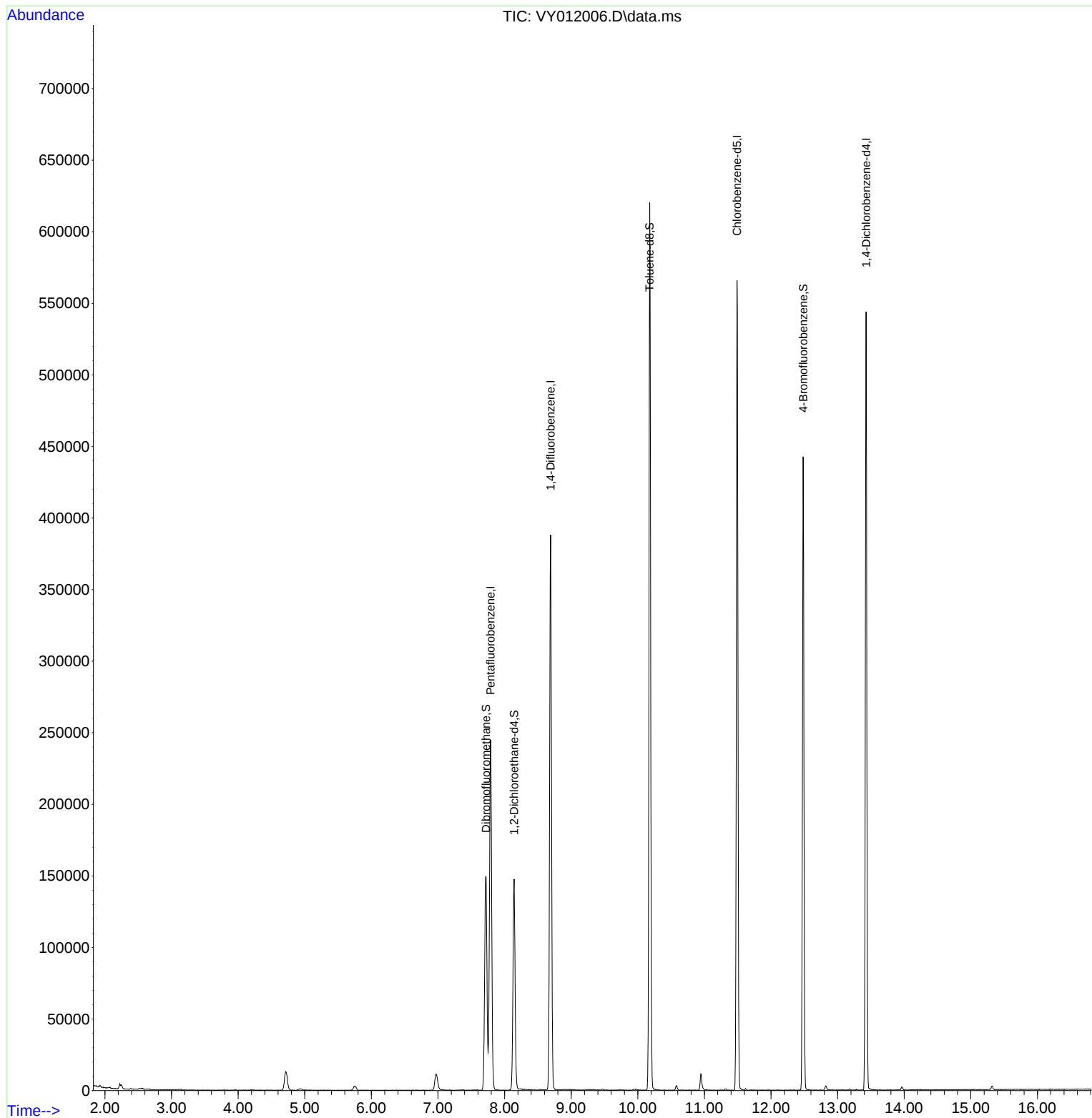
Target Compounds	Qvalue

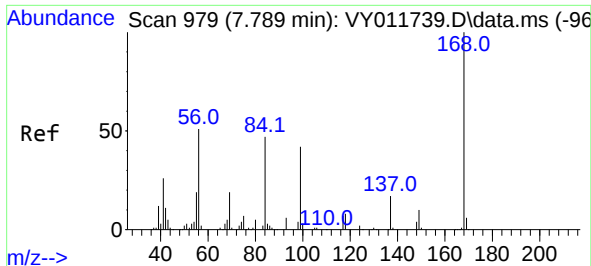
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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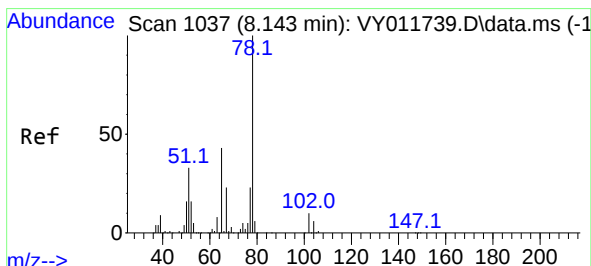
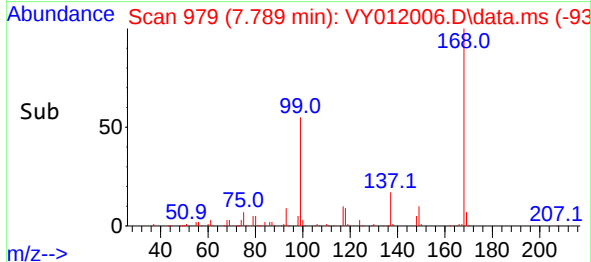
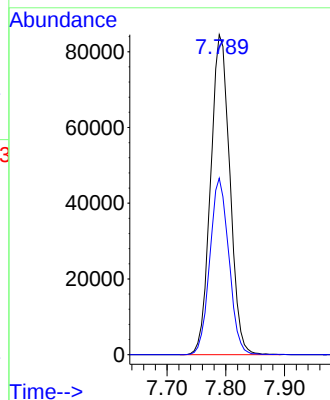
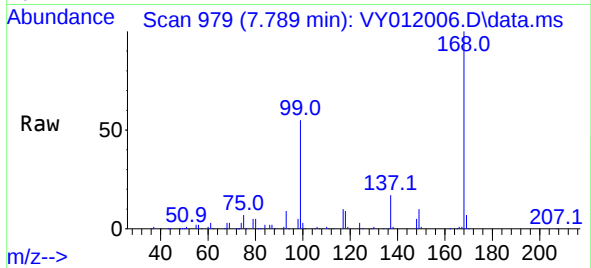




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

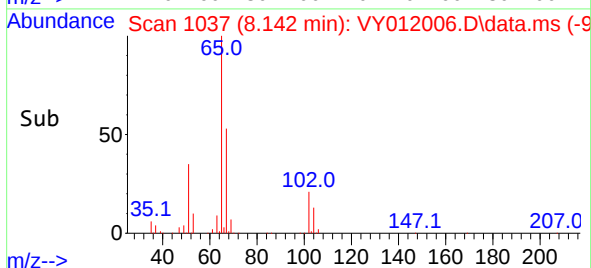
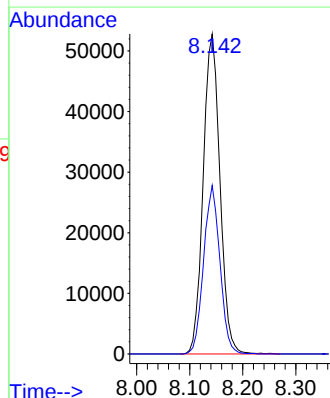
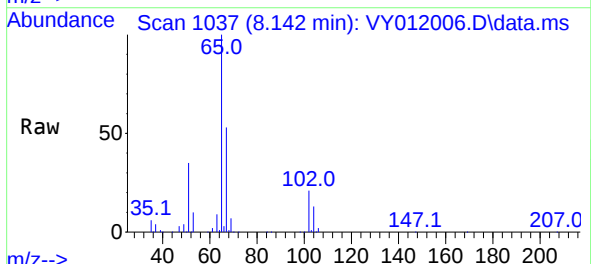
Instrument :
MSVOA_Y
ClientSampleId :
FVSUB-TP2-COMP-02

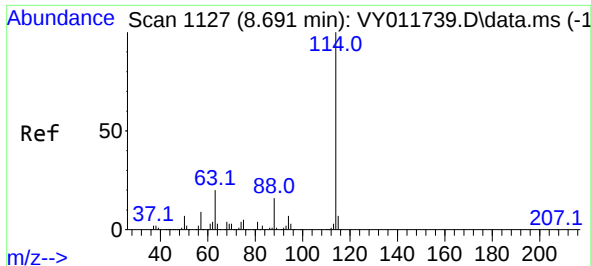
Tgt Ion:168 Resp: 192501
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.796 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Tgt Ion: 65 Resp: 115969
Ion Ratio Lower Upper
65 100
67 51.2 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: VY012006.D

Acq: 23 Dec 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

FVSUB-TP2-COMP-02

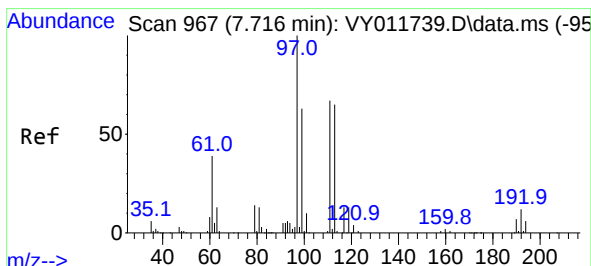
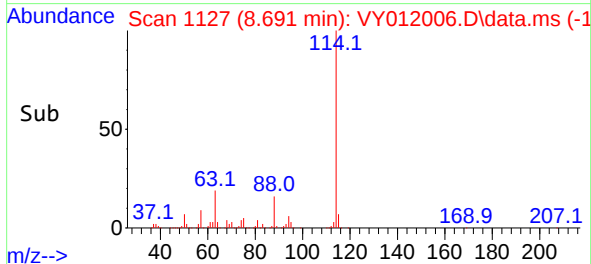
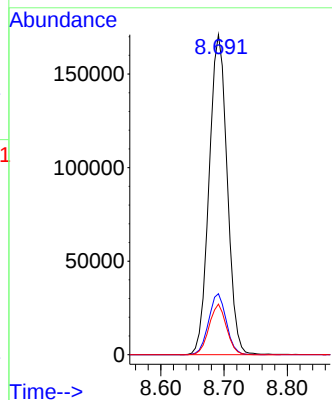
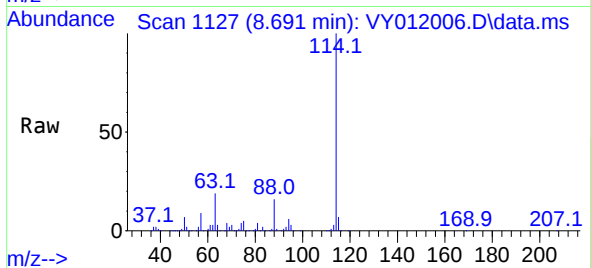
Tgt Ion:114 Resp: 339658

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.123 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012006.D

Acq: 23 Dec 2022 18:32

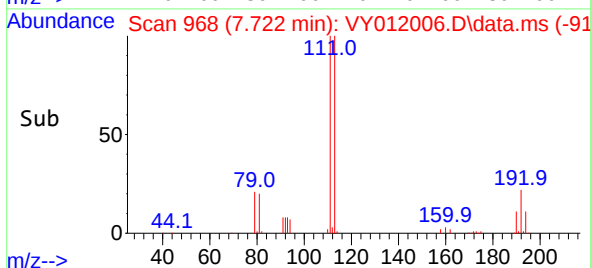
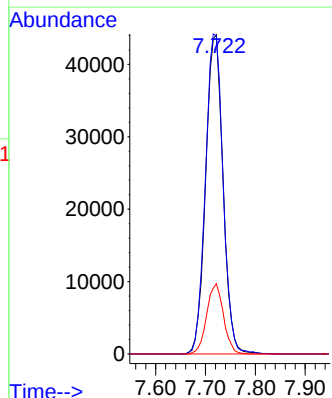
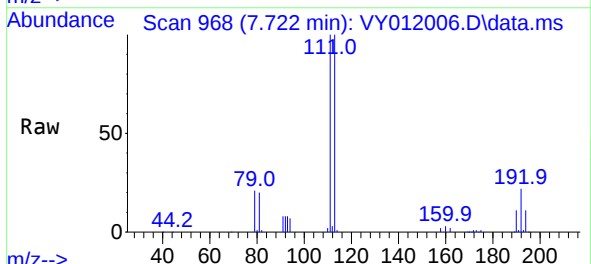
Tgt Ion:113 Resp: 106584

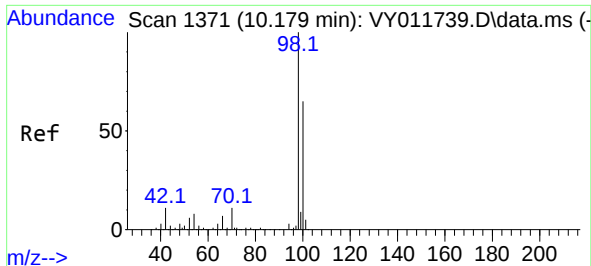
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 21.3 16.0 24.0

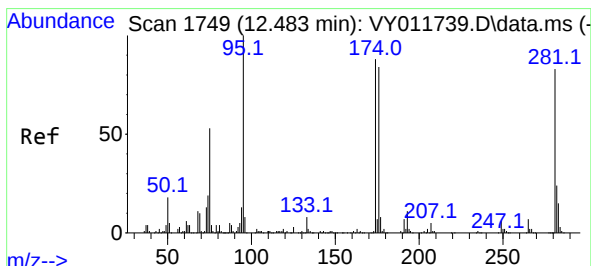
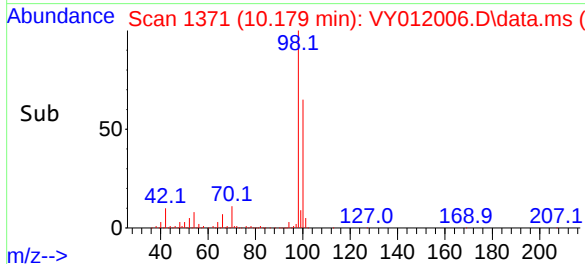
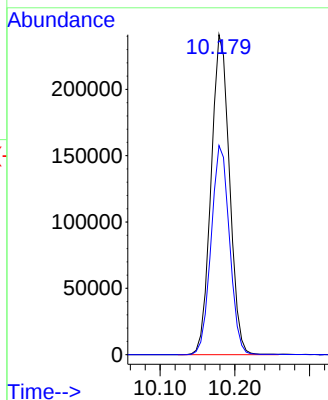
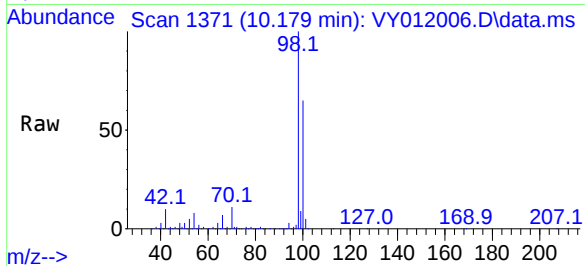




#50
Toluene-d8
Concen: 49.699 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

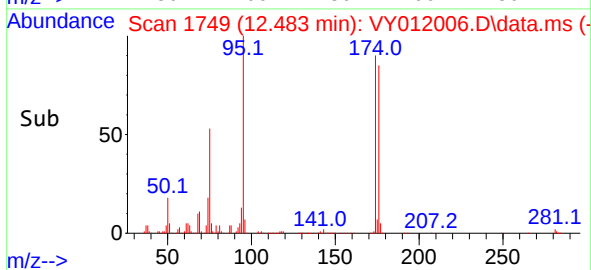
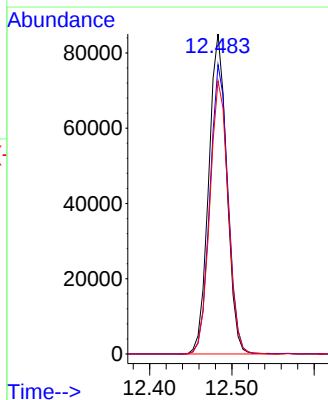
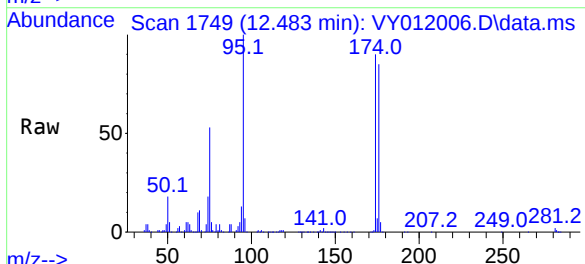
Instrument :
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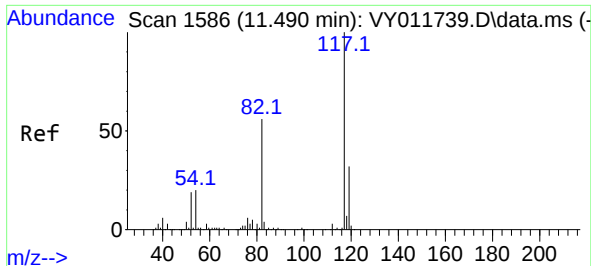
Tgt Ion: 98 Resp: 412326
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.569 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Tgt Ion: 95 Resp: 129940
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.0
176 86.4 0.0 167.6

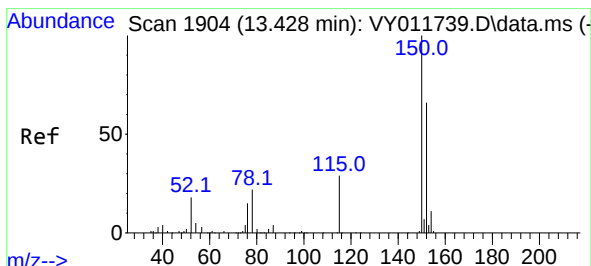
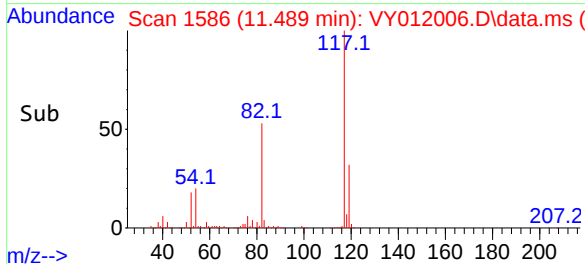
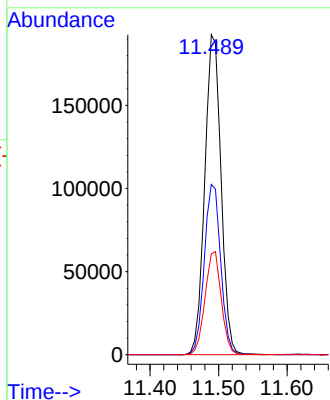
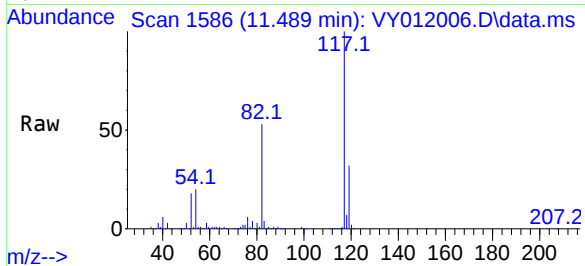




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Instrument :
MSVOA_Y
ClientSampleId :
FVSUB-TP2-COMP-02

Tgt Ion:117 Resp: 318929
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 31.5 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: VY012006.D
Acq: 23 Dec 2022 18:32

Tgt Ion:152 Resp: 143186
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 156.4 0.0 342.6

