

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011620.D
 Acq On : 29 Nov 2022 14:23
 Operator : KP/MD
 Sample : N5796-04
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-N

Quant Time: Nov 30 04:43:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	201410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	134622	65.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.660%
35) Dibromofluoromethane	7.722	113	118983	51.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.179	98	456123	54.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.340%
62) 4-Bromofluorobenzene	12.483	95	152464	49.428	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.860%

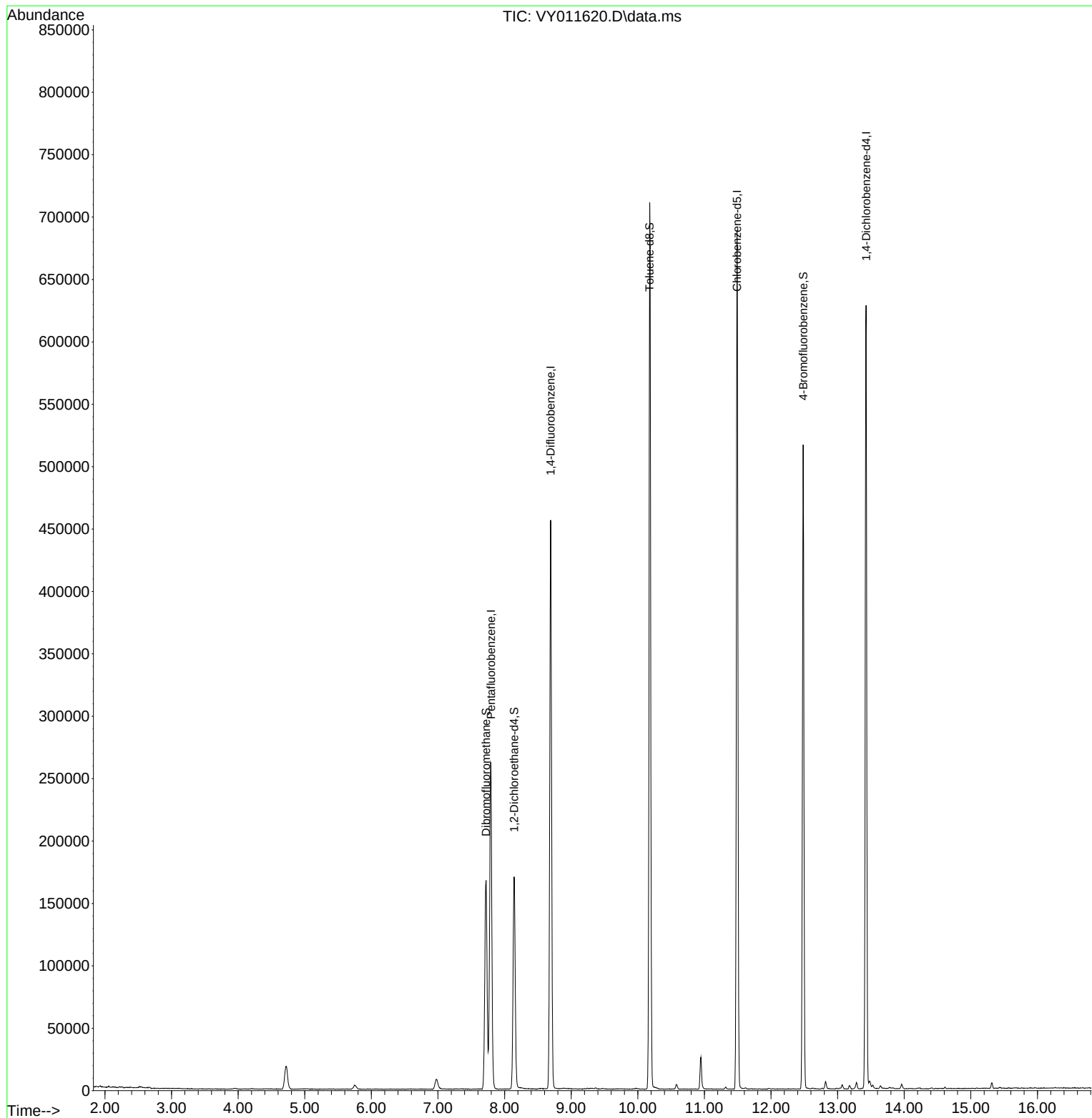
Target Compounds	Qvalue

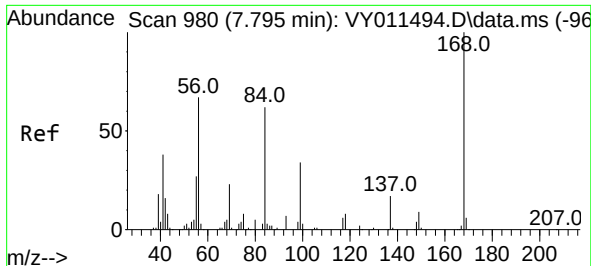
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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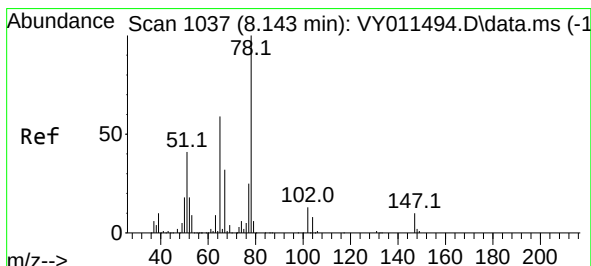
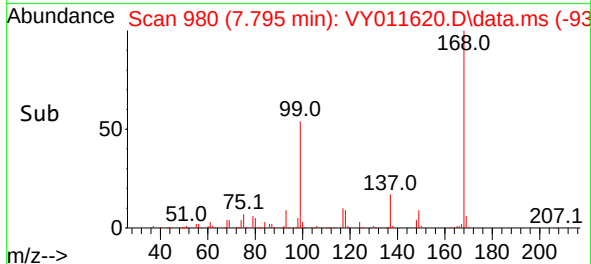
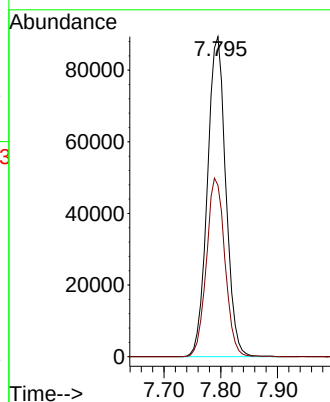
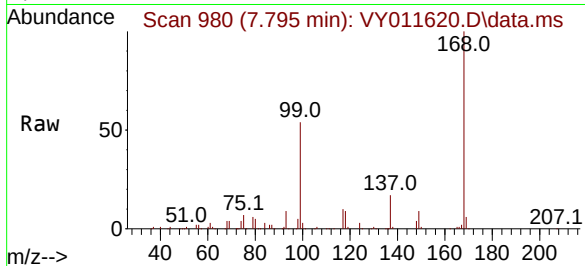




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY011620.D
Acq: 29 Nov 2022 14:23

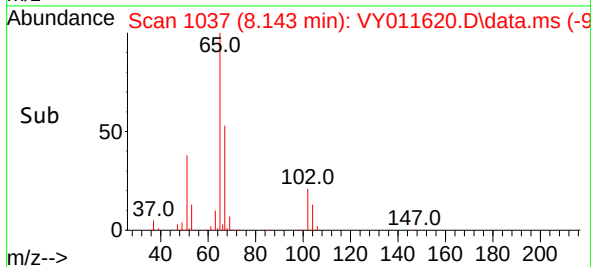
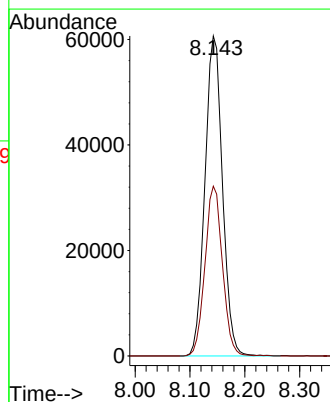
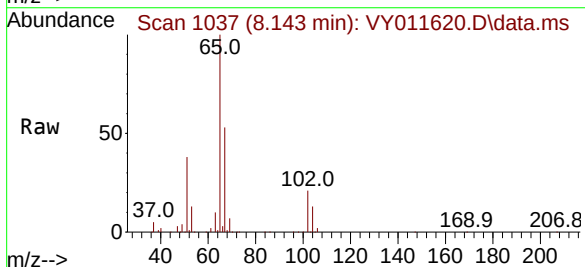
Instrument :
MSVOA_Y
ClientSampleId :
TP-N

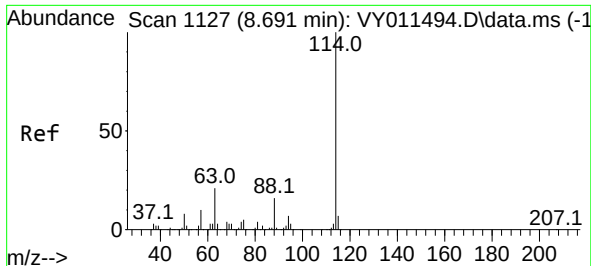
Tgt Ion:168 Resp: 201410
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.826 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011620.D
Acq: 29 Nov 2022 14:23

Tgt Ion: 65 Resp: 134622
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011620.D

Acq: 29 Nov 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-N

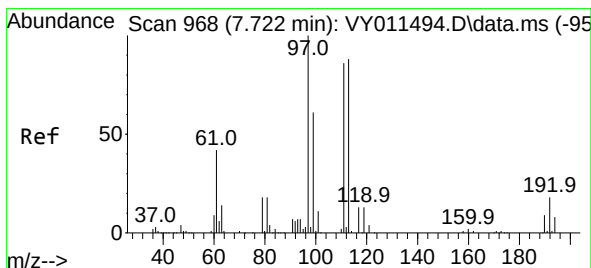
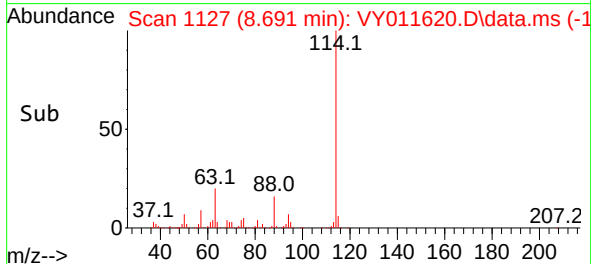
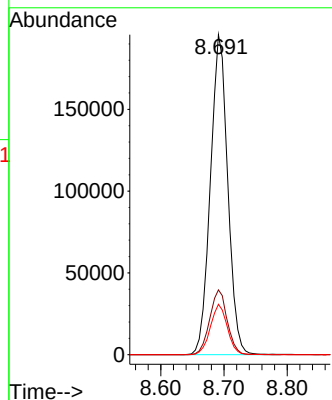
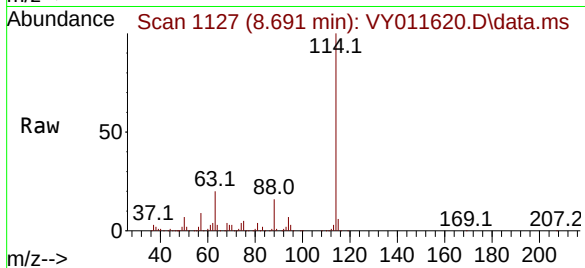
Tgt Ion:114 Resp: 372946

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.826 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011620.D

Acq: 29 Nov 2022 14:23

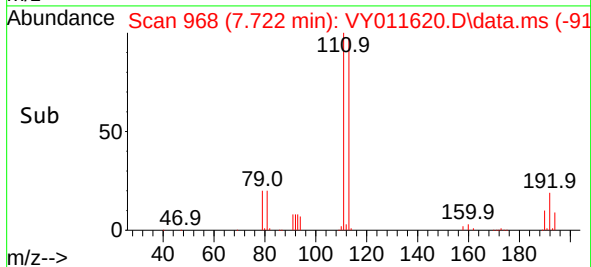
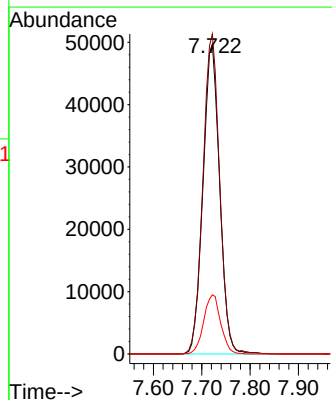
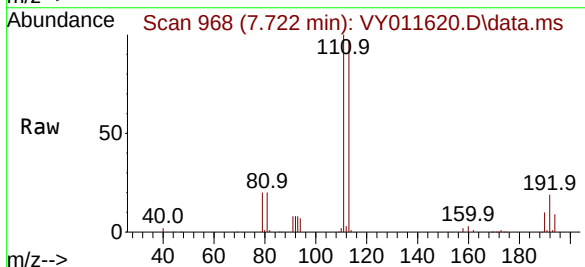
Tgt Ion:113 Resp: 118983

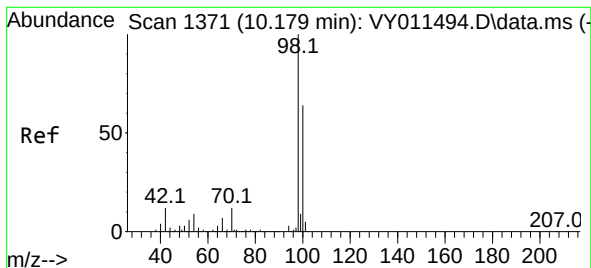
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 19.5 17.6 26.4





#50

Toluene-d8

Concen: 54.672 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011620.D

Acq: 29 Nov 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

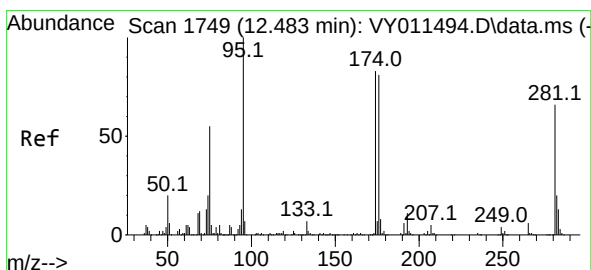
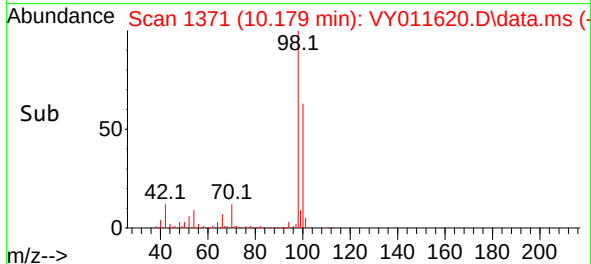
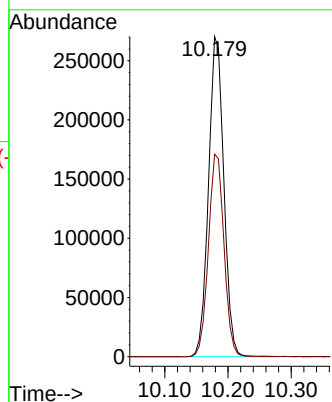
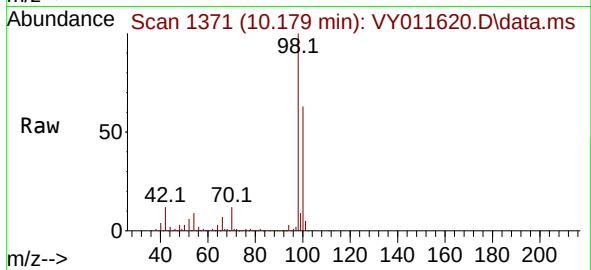
TP-N

Tgt Ion: 98 Resp: 456123

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 49.428 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011620.D

Acq: 29 Nov 2022 14:23

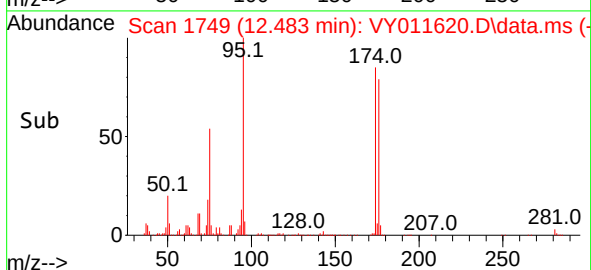
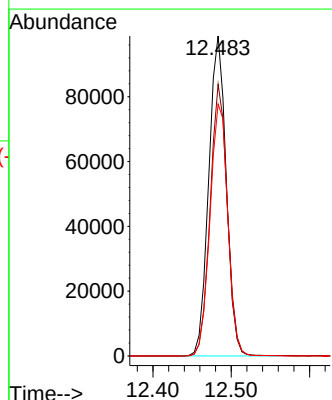
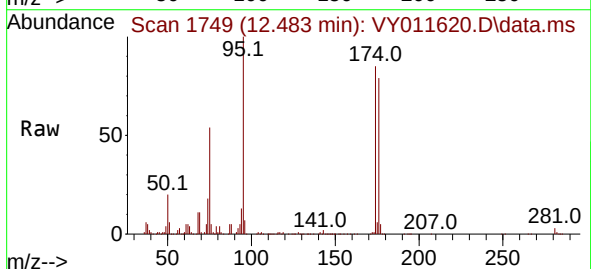
Tgt Ion: 95 Resp: 152464

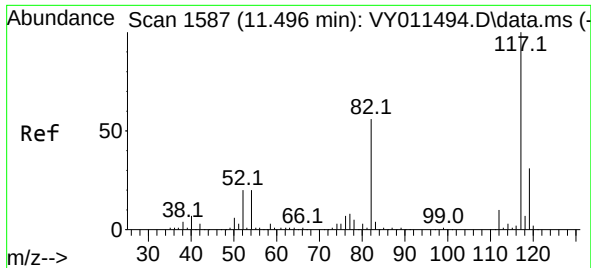
Ion Ratio Lower Upper

95 100

174 83.7 0.0 177.0

176 80.3 0.0 175.8

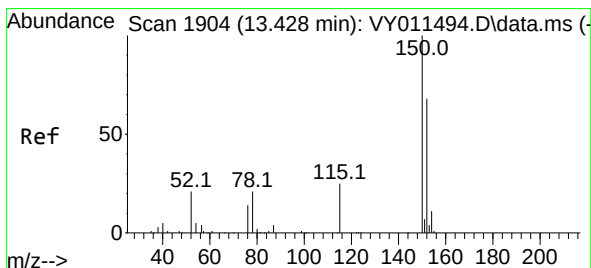
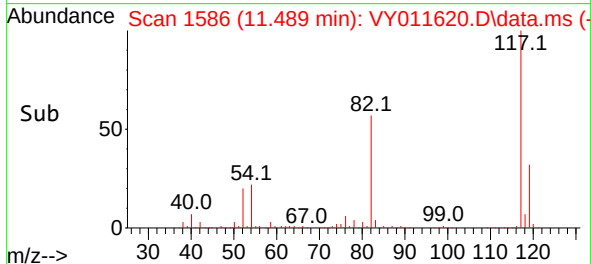
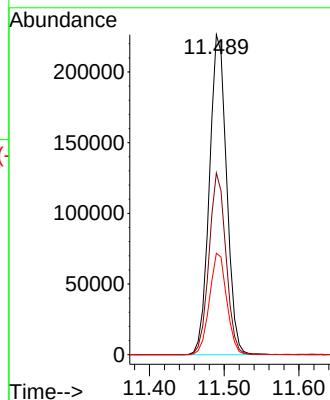
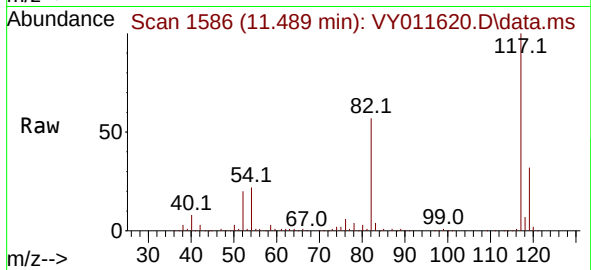




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011620.D
Acq: 29 Nov 2022 14:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-N

Tgt Ion:117 Resp: 361468
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011620.D
Acq: 29 Nov 2022 14:23

Tgt Ion:152 Resp: 161788
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 158.3 0.0 347.6

