

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010015.D
 Acq On : 14 Aug 2022 22:11
 Operator : KP/MD
 Sample : N4189-19
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB11

Quant Time: Aug 15 00:42:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	68224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	130182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	37834	54.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.340%
35) Dibromofluoromethane	7.710	113	36934	46.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.700%
50) Toluene-d8	10.179	98	131169	42.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.920%
62) 4-Bromofluorobenzene	12.477	95	43820	39.176	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.360%

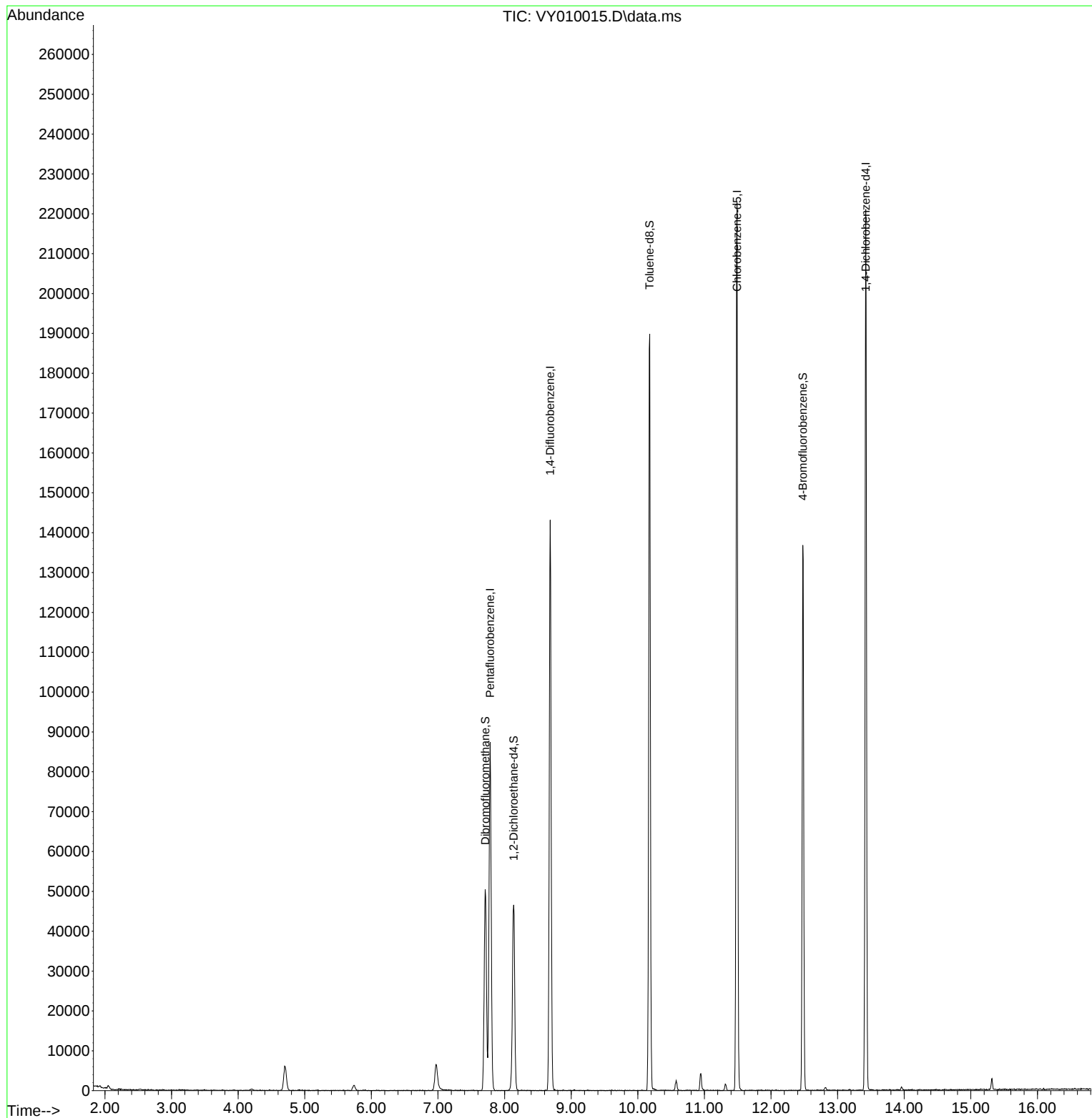
Target Compounds	Qvalue

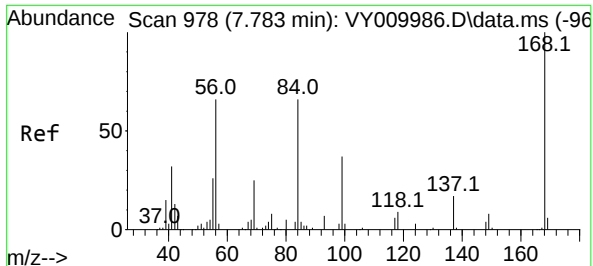
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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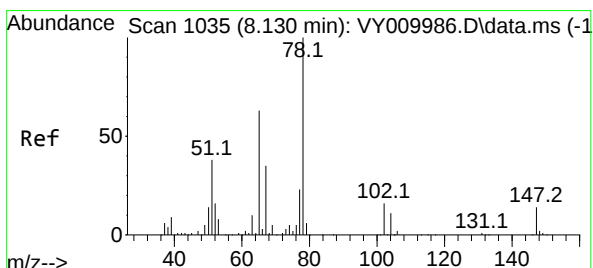
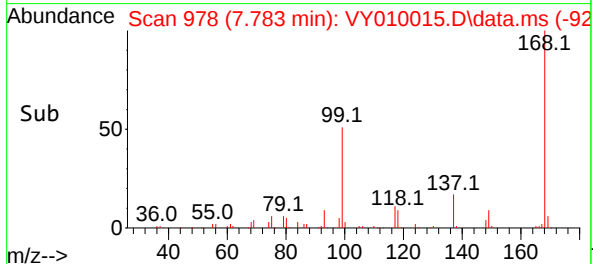
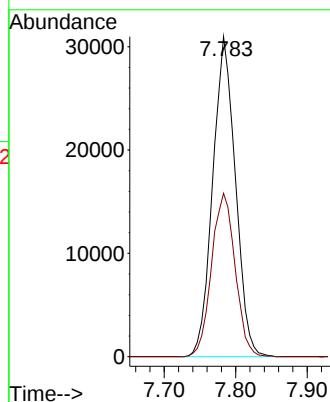
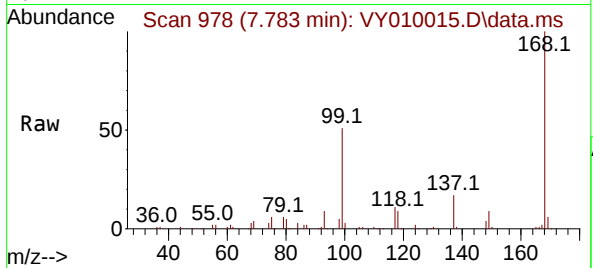




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010015.D
Acq: 14 Aug 2022 22:11

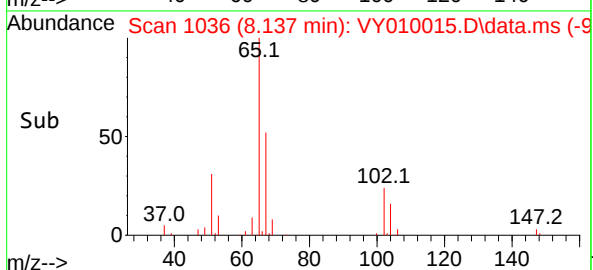
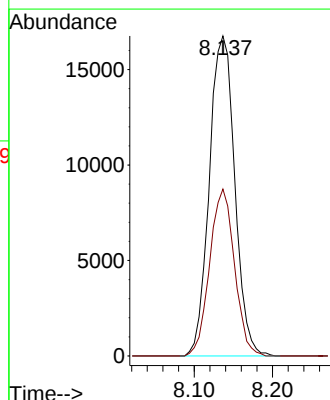
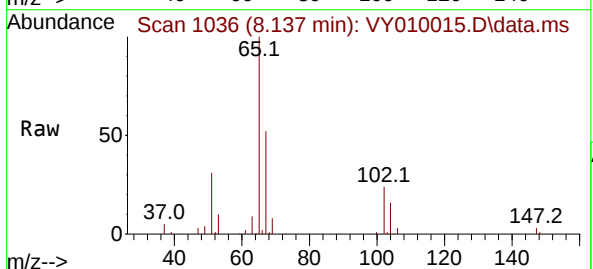
Instrument :
MSVOA_Y
ClientSampleId :
SB11

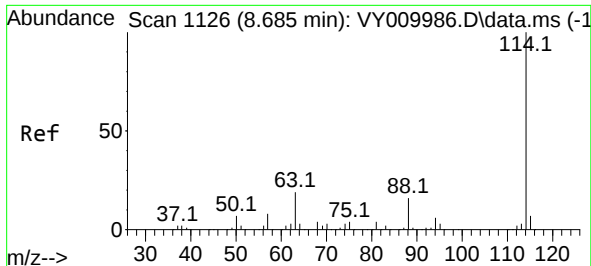
Tgt Ion:168 Resp: 68224
Ion Ratio Lower Upper
168 100
99 51.0 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 54.668 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010015.D
Acq: 14 Aug 2022 22:11

Tgt Ion: 65 Resp: 37834
Ion Ratio Lower Upper
65 100
67 50.8 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010015.D

Acq: 14 Aug 2022 22:11

Instrument :

MSVOA_Y

ClientSampleId :

SB11

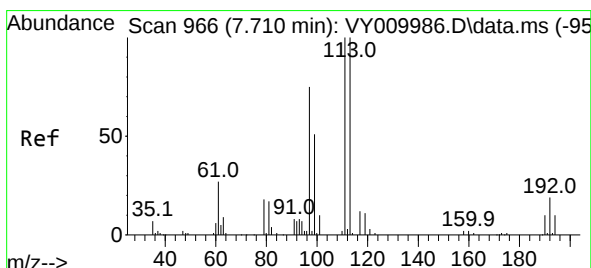
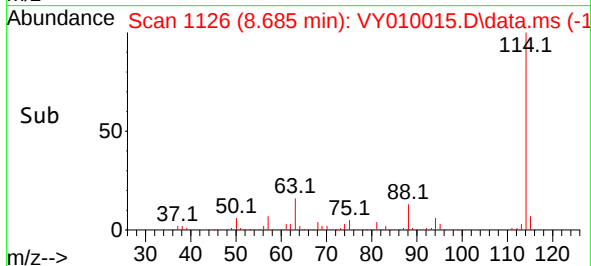
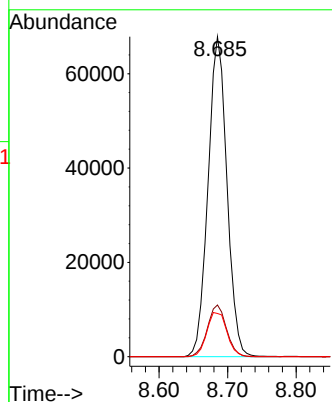
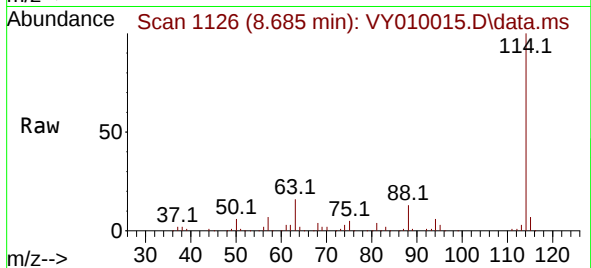
Tgt Ion:114 Resp: 130182

Ion Ratio Lower Upper

114 100

63 16.1 0.0 38.0

88 13.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 46.355 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY010015.D

Acq: 14 Aug 2022 22:11

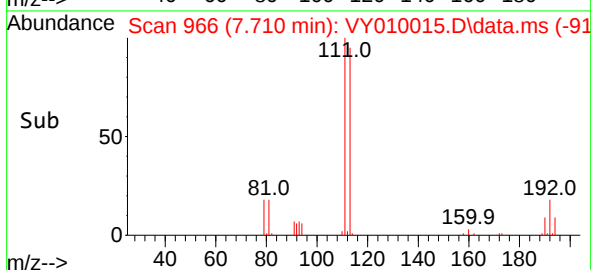
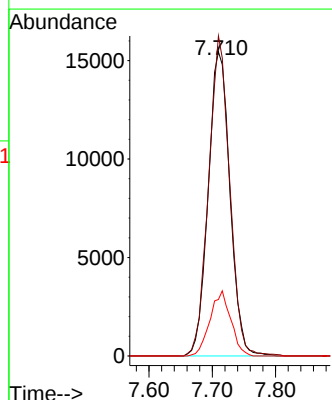
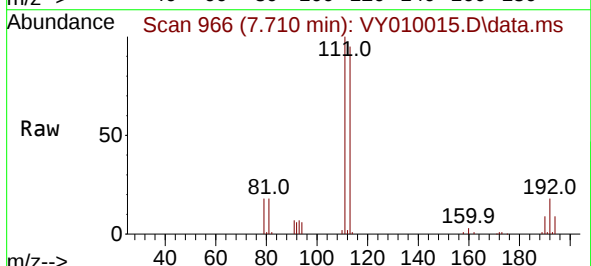
Tgt Ion:113 Resp: 36934

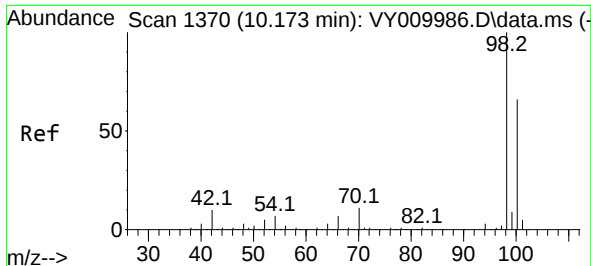
Ion Ratio Lower Upper

113 100

111 101.7 80.6 120.8

192 20.4 16.2 24.4





#50

Toluene-d8

Concen: 42.965 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY010015.D

Acq: 14 Aug 2022 22:11

Instrument :

MSVOA_Y

ClientSampleId :

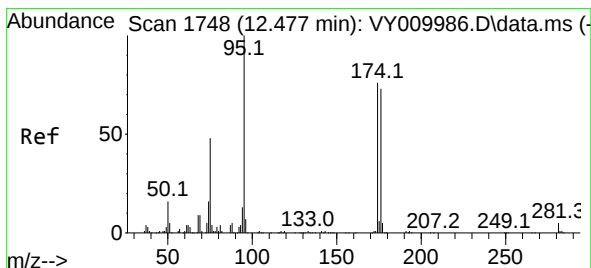
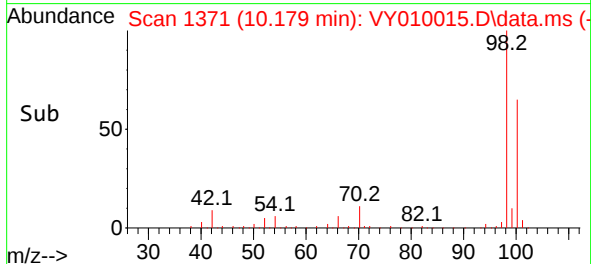
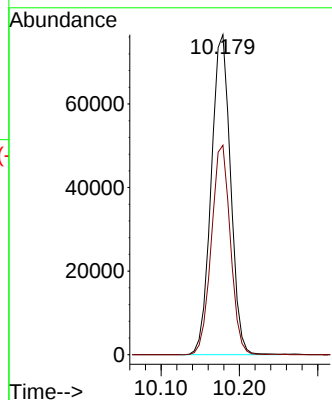
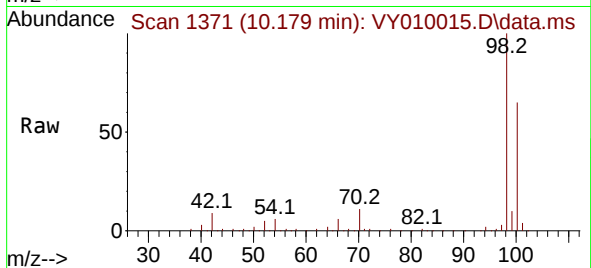
SB11

Tgt Ion: 98 Resp: 131169

Ion Ratio Lower Upper

98 100

100 64.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 39.176 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010015.D

Acq: 14 Aug 2022 22:11

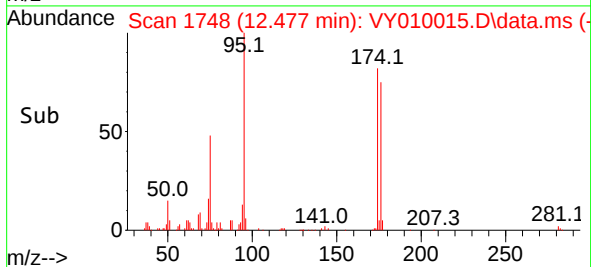
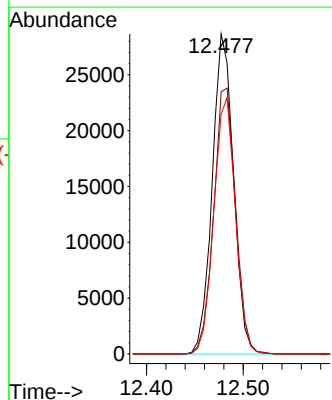
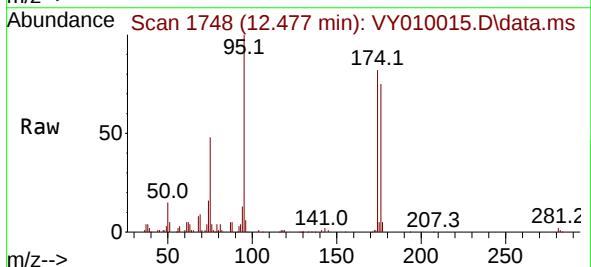
Tgt Ion: 95 Resp: 43820

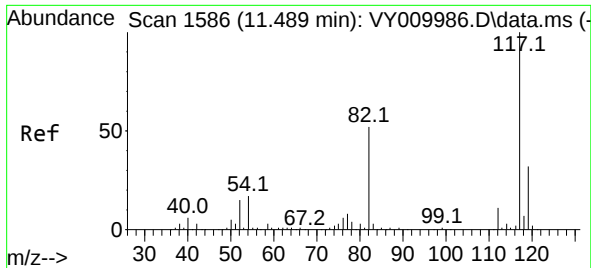
Ion Ratio Lower Upper

95 100

174 85.6 0.0 173.8

176 81.3 0.0 167.0

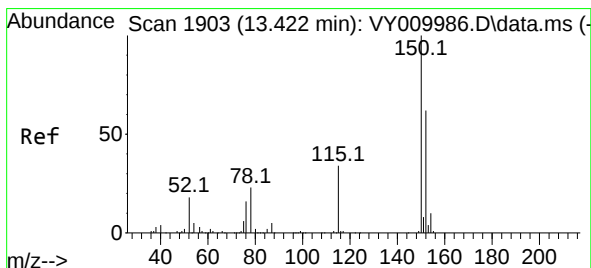
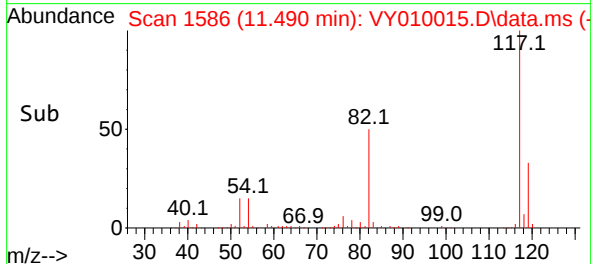
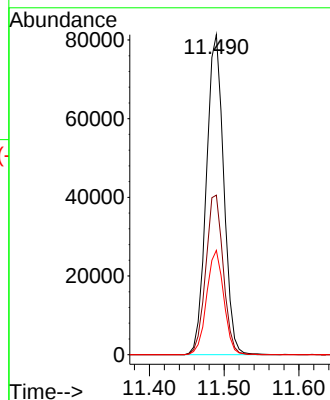
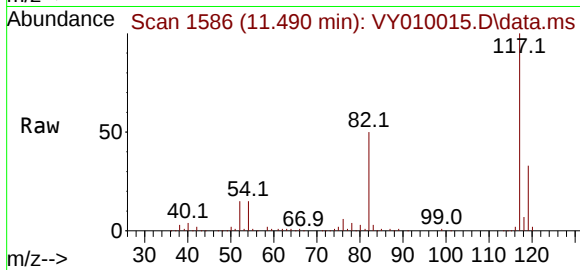




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010015.D
Acq: 14 Aug 2022 22:11

Instrument :
MSVOA_Y
ClientSampleId :
SB11

Tgt Ion:117 Resp: 131022
Ion Ratio Lower Upper
117 100
82 49.8 41.8 62.6
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010015.D
Acq: 14 Aug 2022 22:11

Tgt Ion:152 Resp: 58835
Ion Ratio Lower Upper
152 100
115 58.3 28.6 85.9
150 159.3 0.0 349.8

