

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009446.D
 Acq On : 06 Jul 2022 12:11
 Operator : KP/MD
 Sample : VY0706SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBL01

Quant Time: Jul 07 01:48:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	153418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70411	57.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.600%
35) Dibromofluoromethane	7.710	113	60341	41.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.880%
50) Toluene-d8	10.173	98	232291	52.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.477	95	77462	37.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.060%

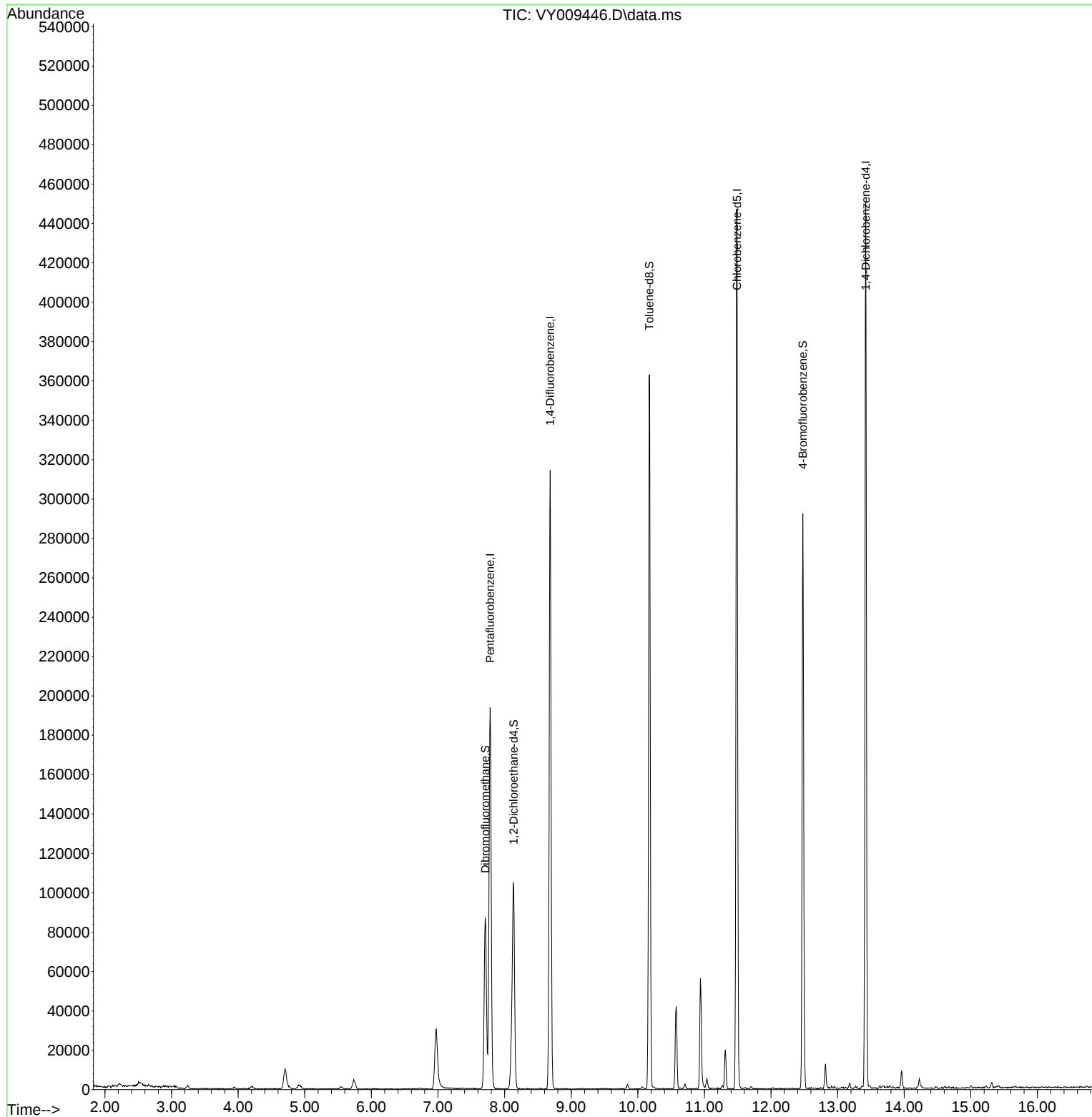
Target Compounds	Qvalue

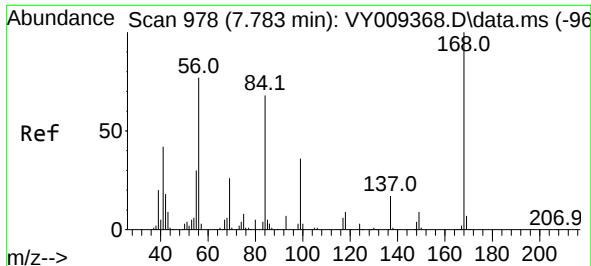
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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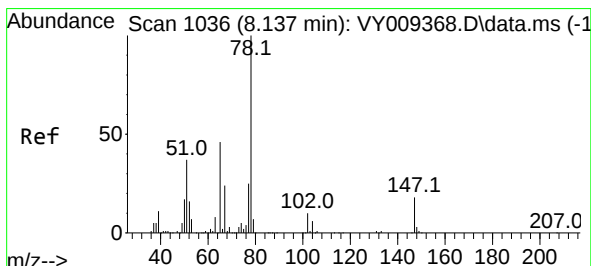
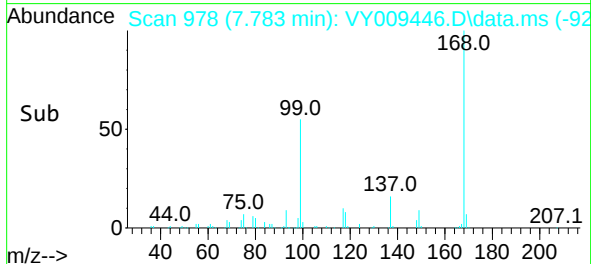
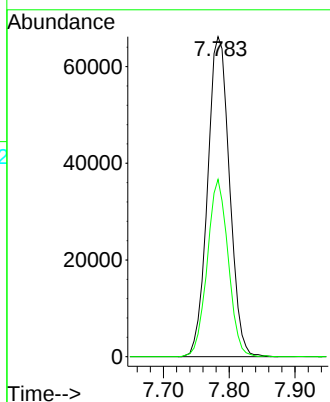
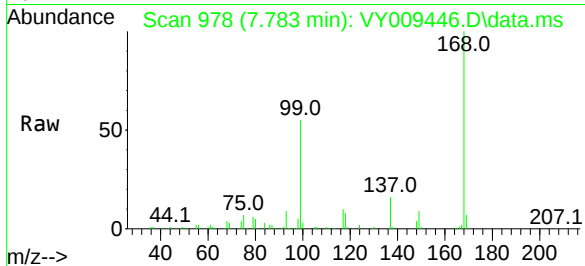




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

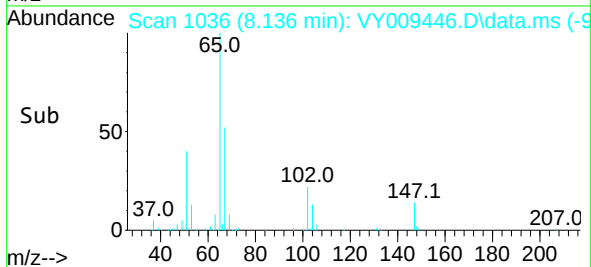
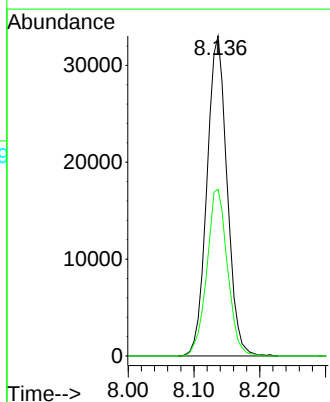
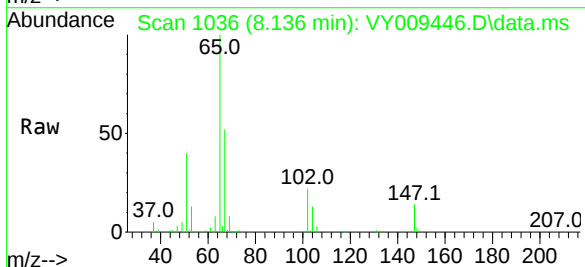
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

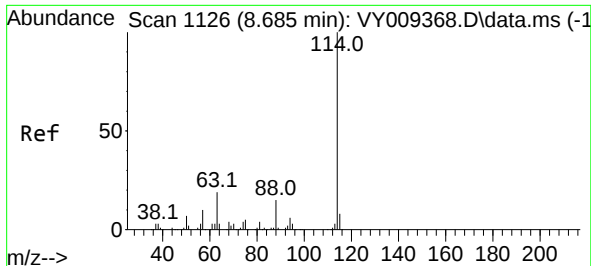
Tgt Ion:168 Resp: 153418
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.300 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Tgt Ion: 65 Resp: 70411
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009446.D

Acq: 06 Jul 2022 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBL01

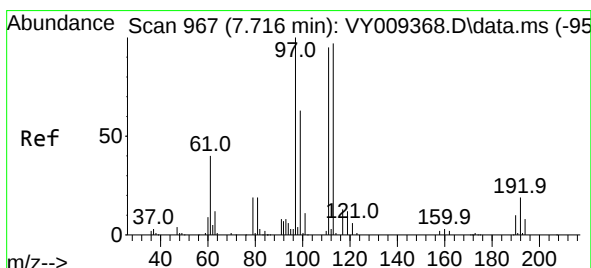
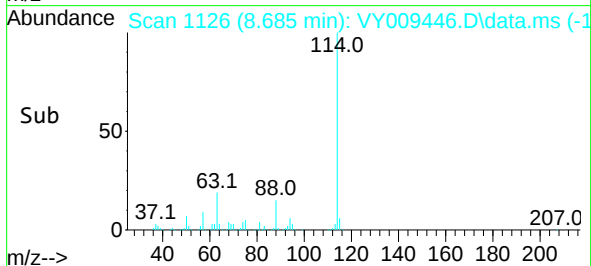
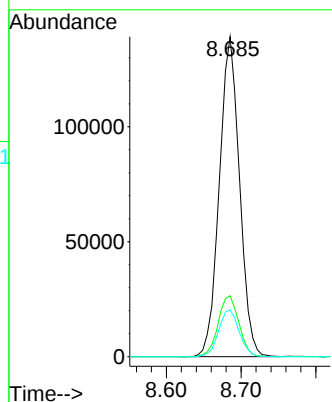
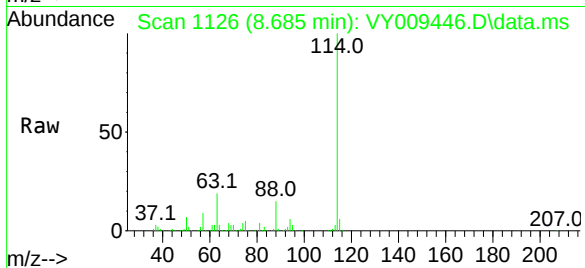
Tgt Ion:114 Resp: 261411

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.940 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009446.D

Acq: 06 Jul 2022 12:11

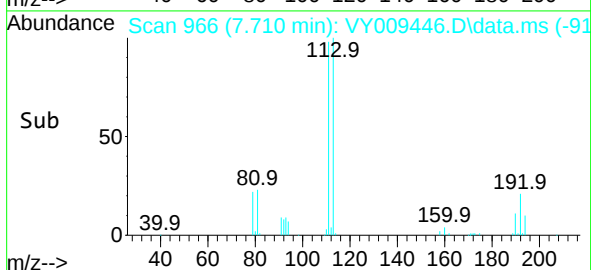
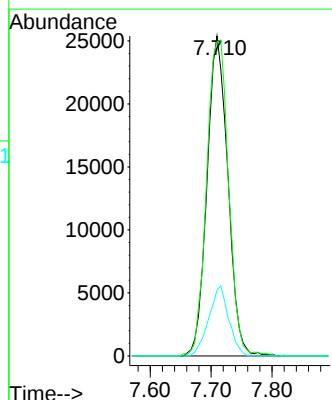
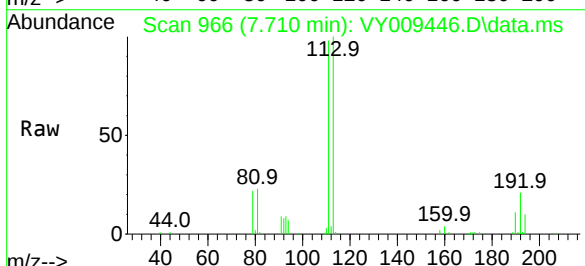
Tgt Ion:113 Resp: 60341

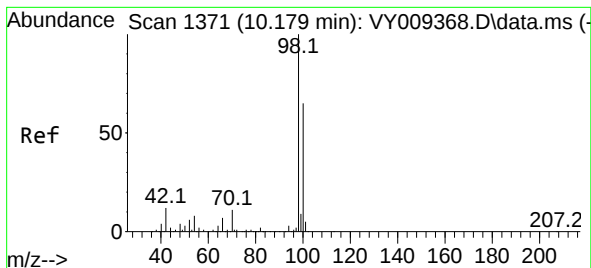
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 21.0 17.6 26.4





#50

Toluene-d8

Concen: 52.659 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009446.D

Acq: 06 Jul 2022 12:11

Instrument :

MSVOA_Y

ClientSampleId :

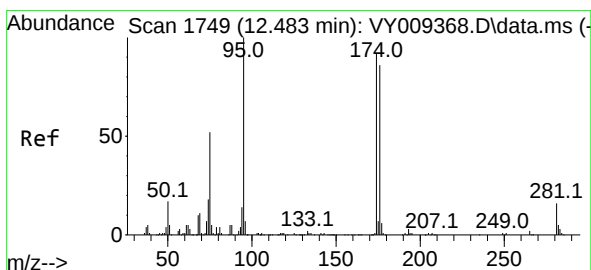
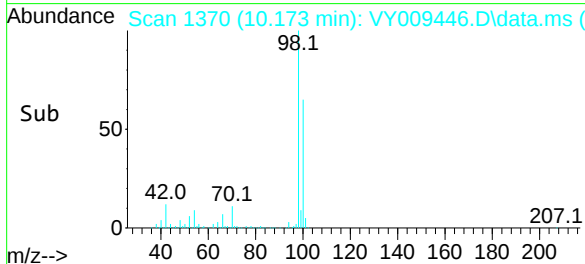
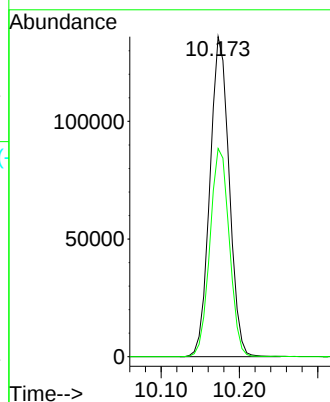
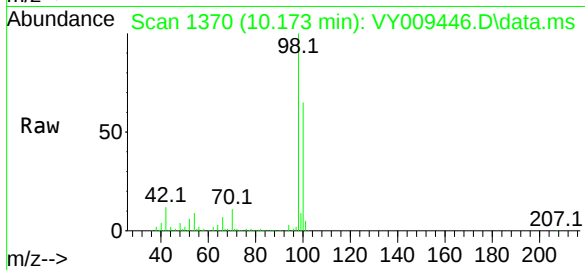
VY0706SBL01

Tgt Ion: 98 Resp: 232291

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 37.026 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009446.D

Acq: 06 Jul 2022 12:11

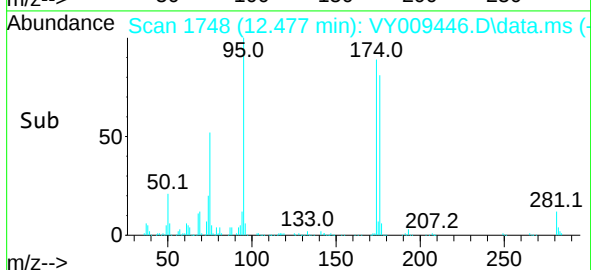
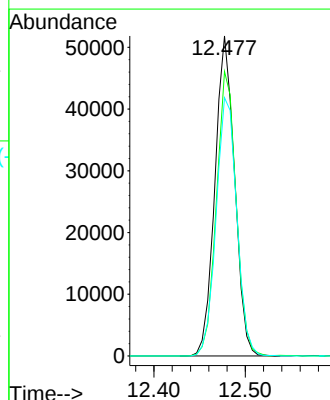
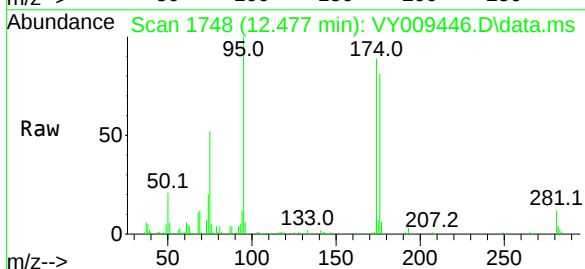
Tgt Ion: 95 Resp: 77462

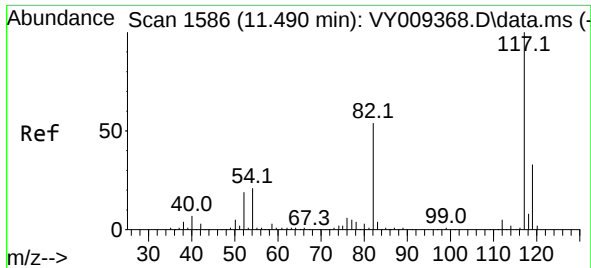
Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.0

176 84.7 0.0 175.8

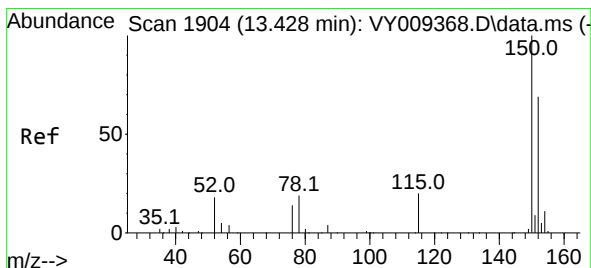
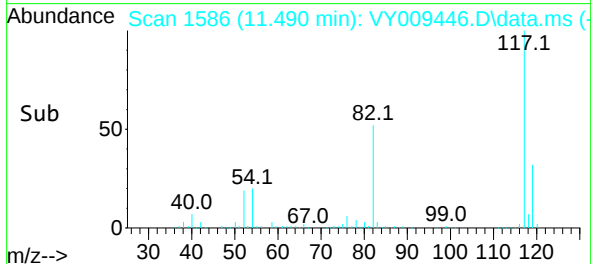
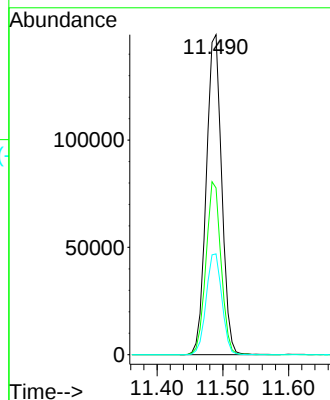
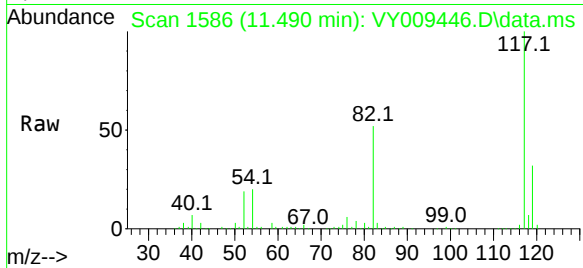




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

Tgt Ion:117 Resp: 242791
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Tgt Ion:152 Resp: 110734
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 158.9 0.0 347.6

