

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009525.D
 Acq On : 12 Jul 2022 12:24
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 13 01:14:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	159892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	226873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51852	45.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.900%
35) Dibromofluoromethane	7.710	113	56137	42.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.660%
50) Toluene-d8	10.173	98	158303	42.285	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	84.560%
62) 4-Bromofluorobenzene	12.477	95	79037	42.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	84.440%

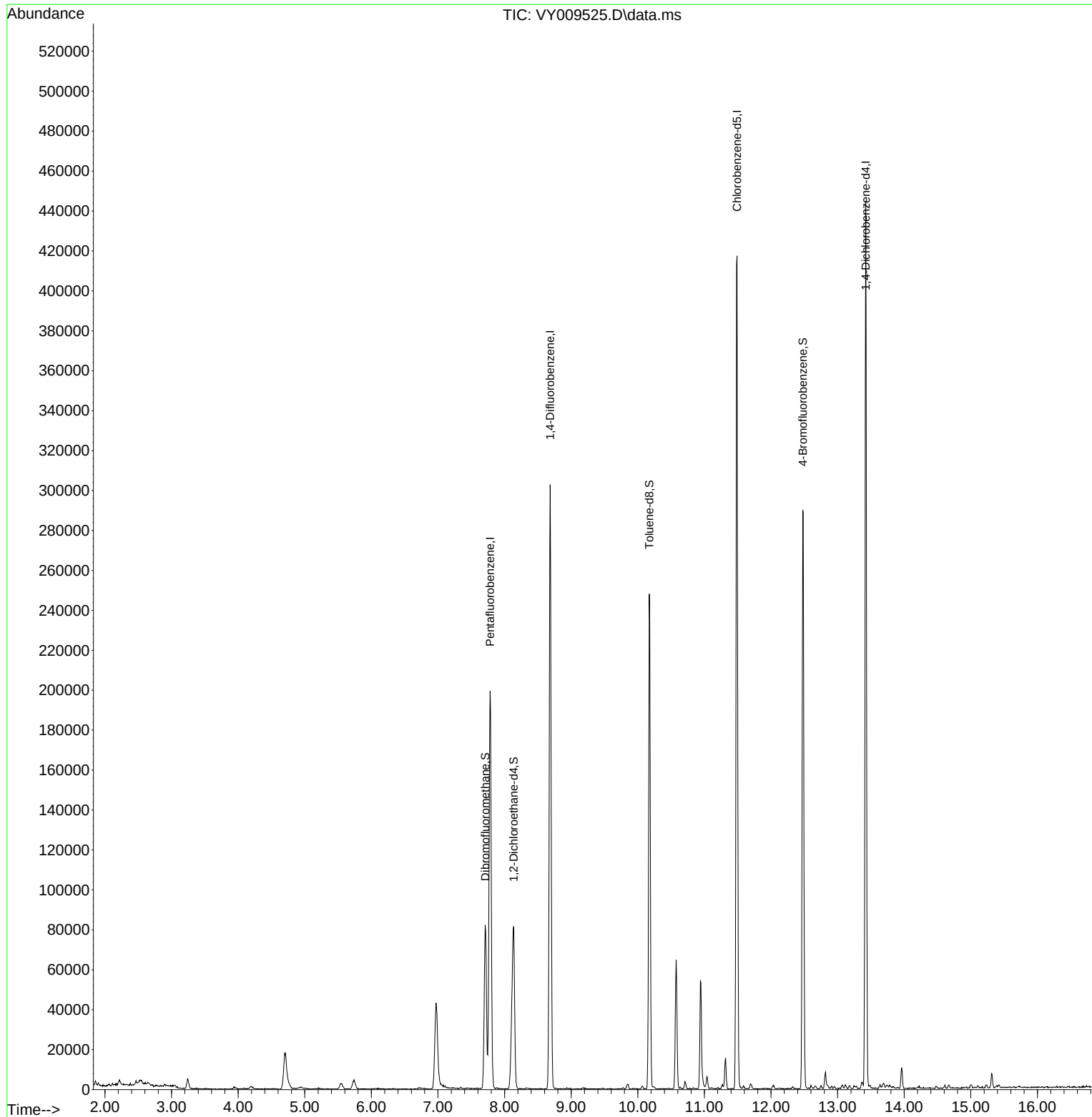
Target Compounds	Qvalue

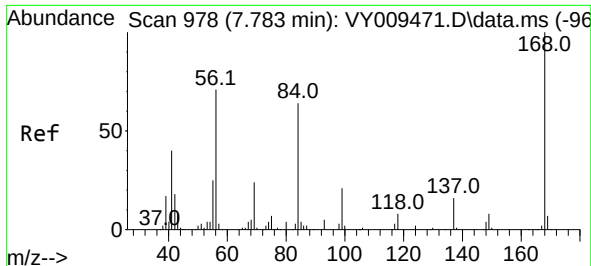
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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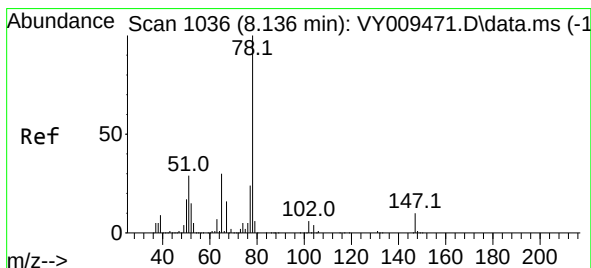
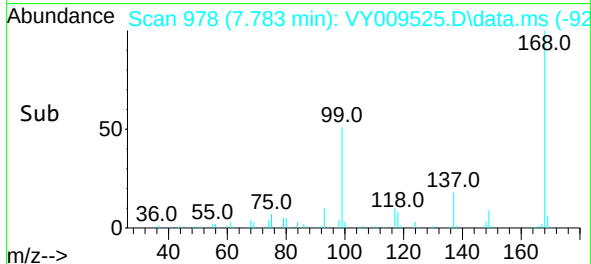
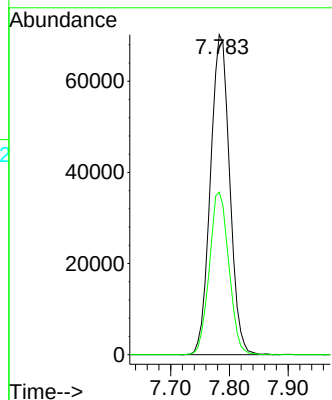
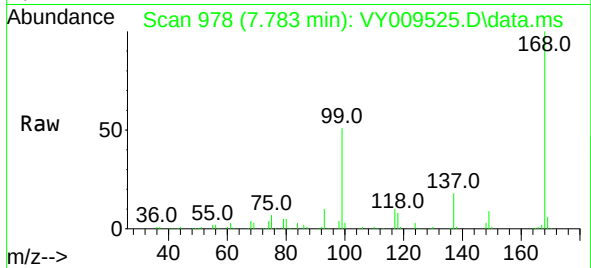




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009525.D
Acq: 12 Jul 2022 12:24

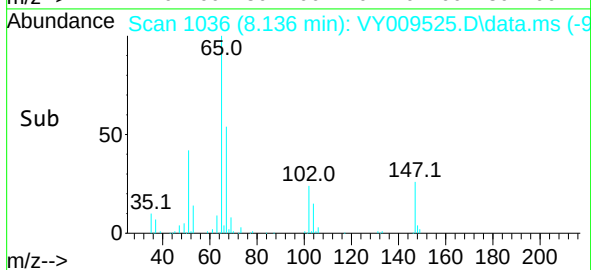
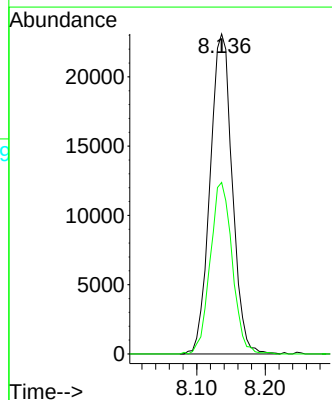
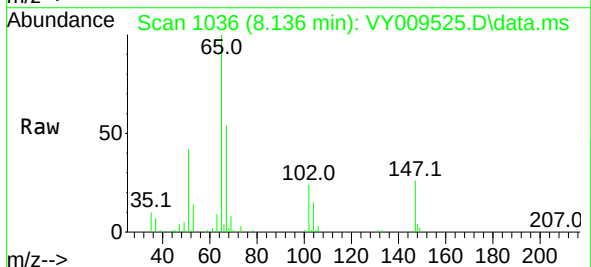
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

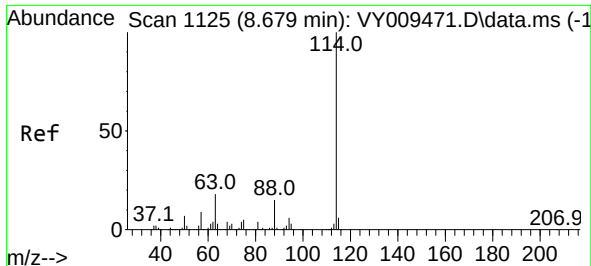
Tgt Ion:168 Resp: 159892
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.447 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009525.D
Acq: 12 Jul 2022 12:24

Tgt Ion: 65 Resp: 51852
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# 1125

Delta R.T. 0.006 min

Lab File: VY009525.D

Acq: 12 Jul 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

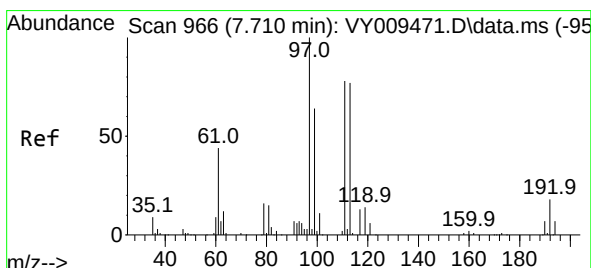
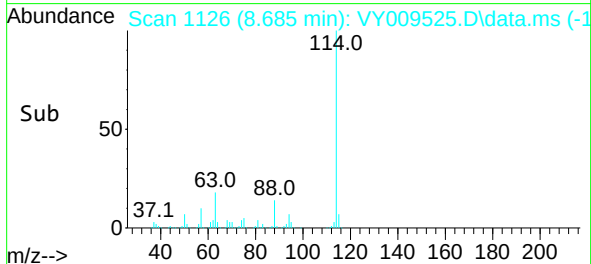
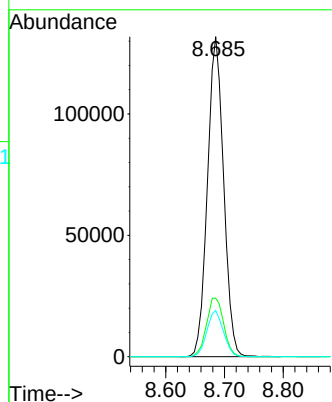
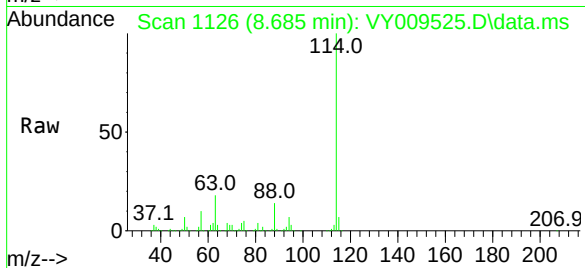
Tgt Ion:114 Resp: 252037

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.331 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009525.D

Acq: 12 Jul 2022 12:24

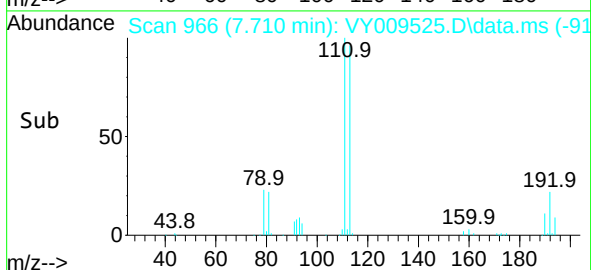
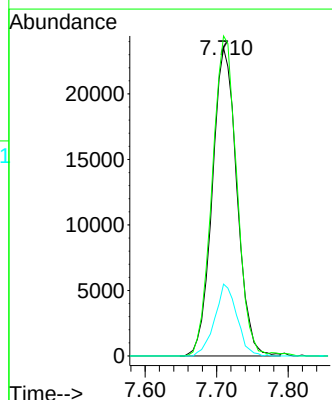
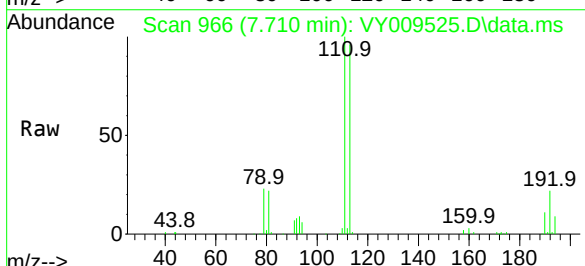
Tgt Ion:113 Resp: 56137

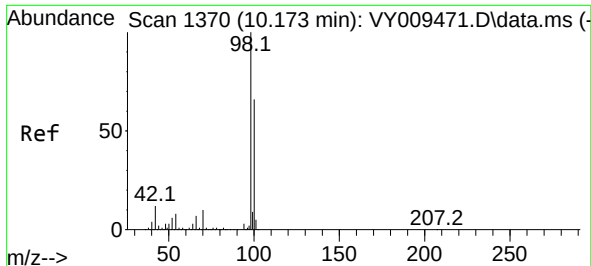
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 21.1 17.6 26.4

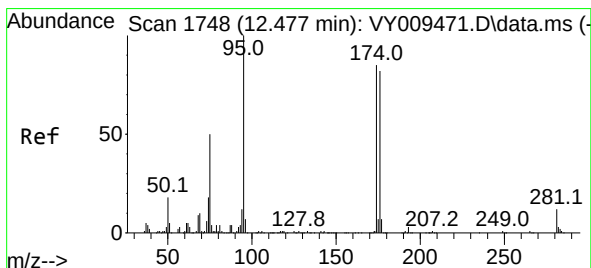
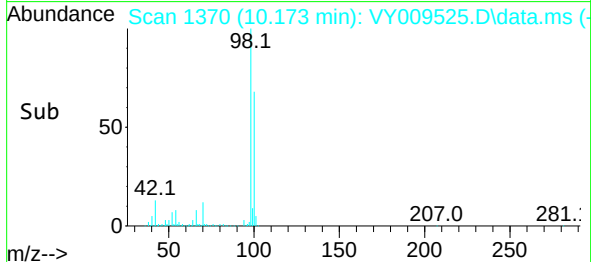
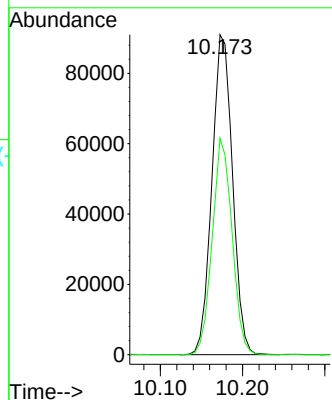
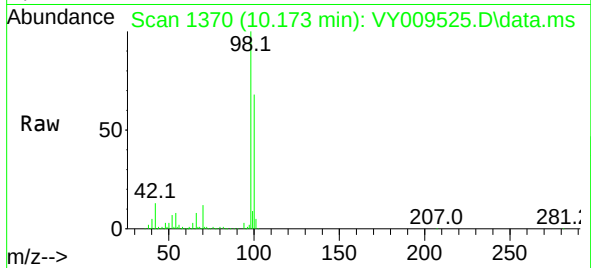




#50
Toluene-d8
Concen: 42.285 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009525.D
Acq: 12 Jul 2022 12:24

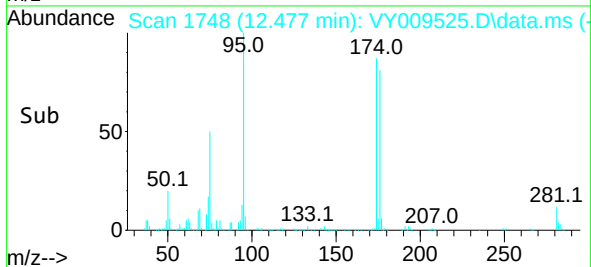
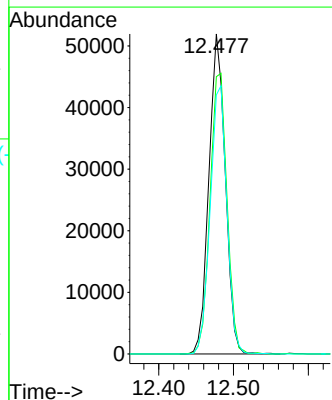
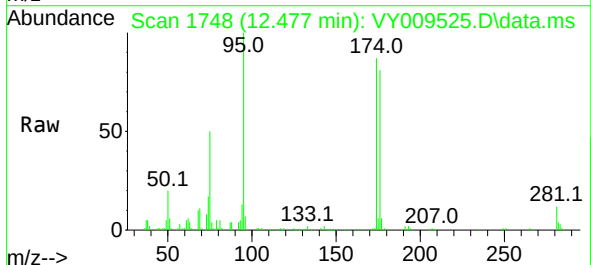
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

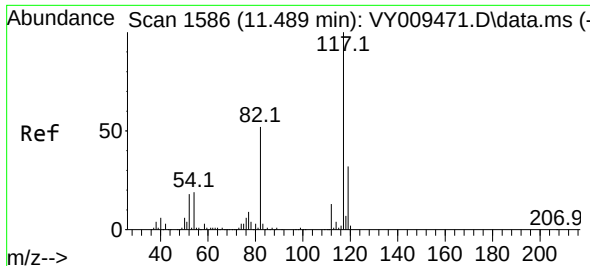
Tgt Ion: 98 Resp: 158303
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.222 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009525.D
Acq: 12 Jul 2022 12:24

Tgt Ion: 95 Resp: 79037
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 85.3 0.0 175.8

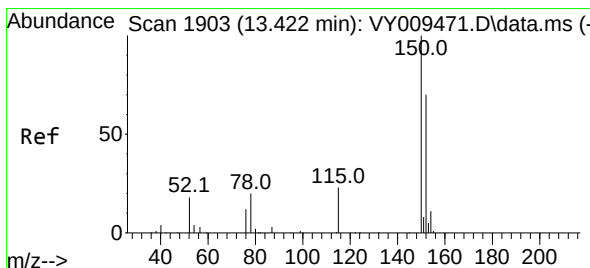
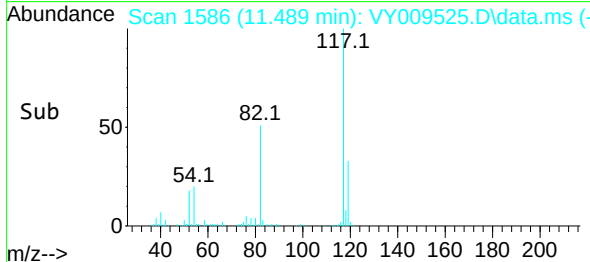
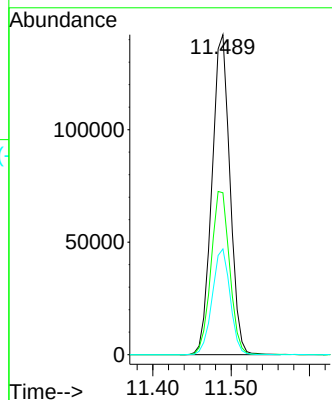
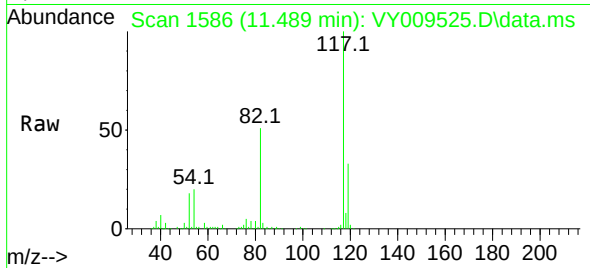




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009525.D
Acq: 12 Jul 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 226873
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 33.0 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: VY009525.D
Acq: 12 Jul 2022 12:24

Tgt Ion:152 Resp: 109205
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 155.6 0.0 347.6

