

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009675.D
 Acq On : 25 Jul 2022 10:37
 Operator : KP/MD
 Sample : VY0725SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBL01

Quant Time: Jul 26 05:54:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	166332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88208	56.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.140%
35) Dibromofluoromethane	7.710	113	83648	50.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.173	98	306850	48.131	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.477	95	95708	46.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	92.660%

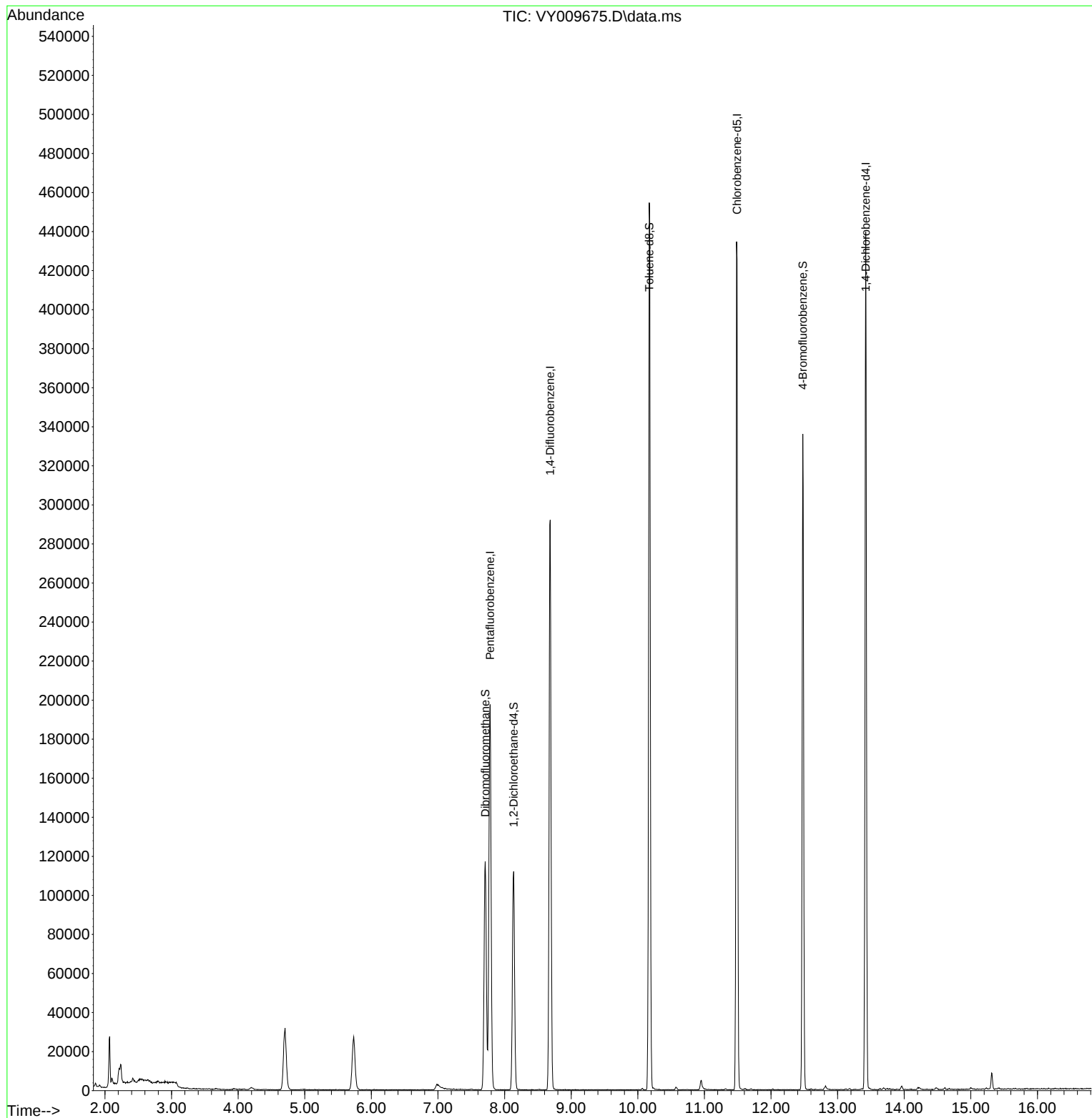
Target Compounds	Qvalue

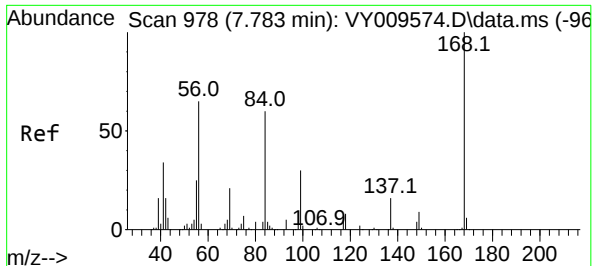
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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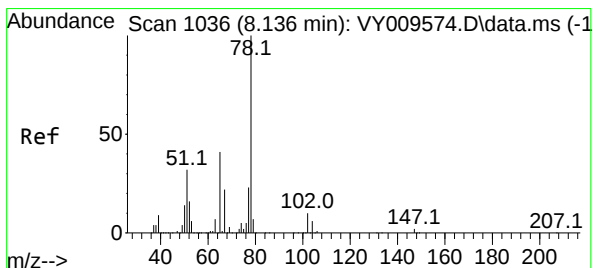
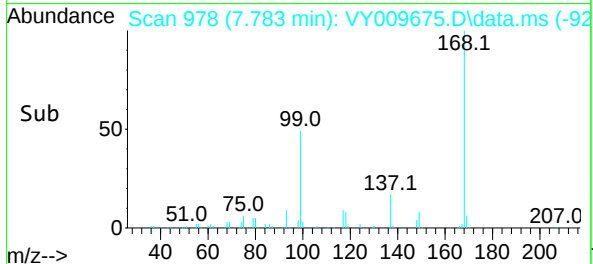
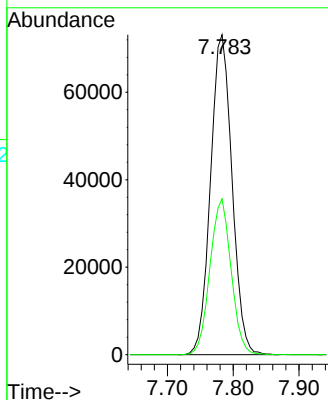
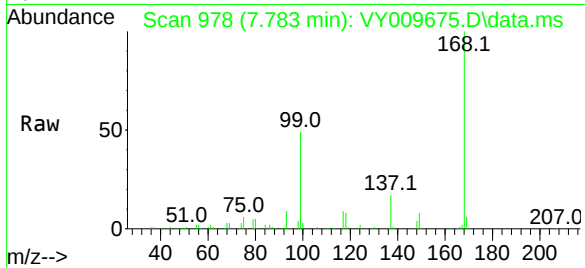




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

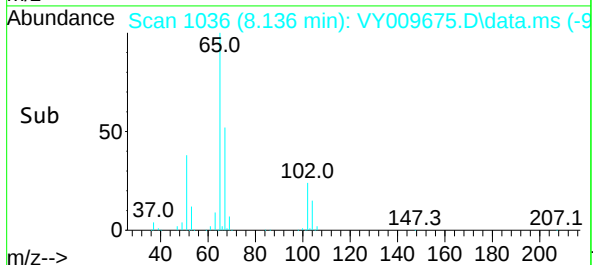
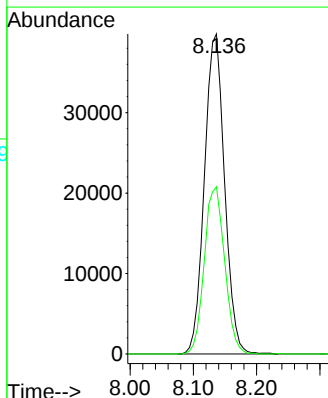
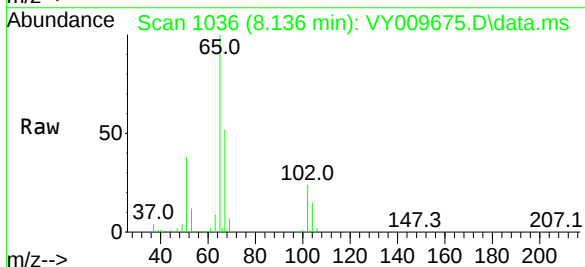
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

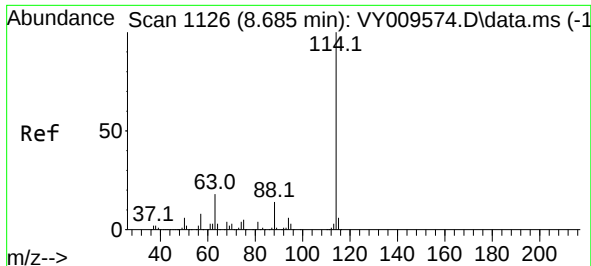
Tgt Ion:168 Resp: 166332
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.073 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Tgt Ion: 65 Resp: 88208
Ion Ratio Lower Upper
65 100
67 52.9 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: VY009675.D

Acq: 25 Jul 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBL01

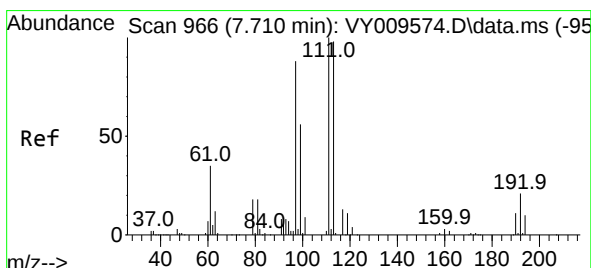
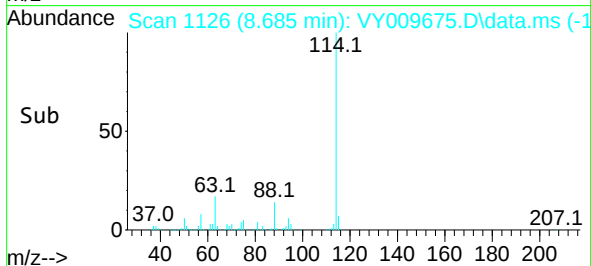
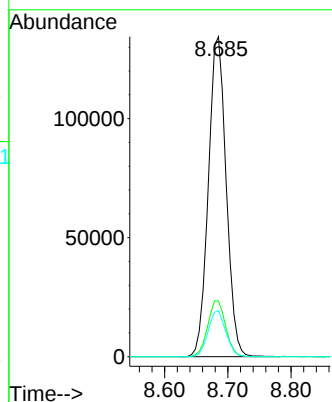
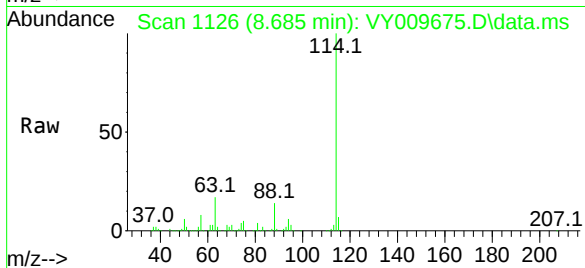
Tgt Ion:114 Resp: 263235

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.440 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009675.D

Acq: 25 Jul 2022 10:37

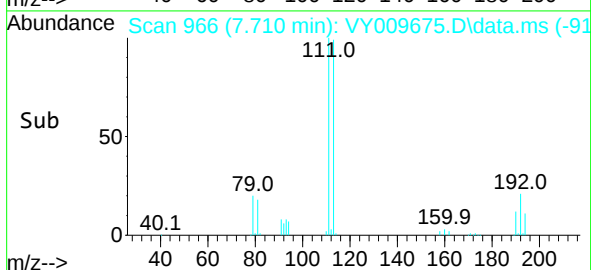
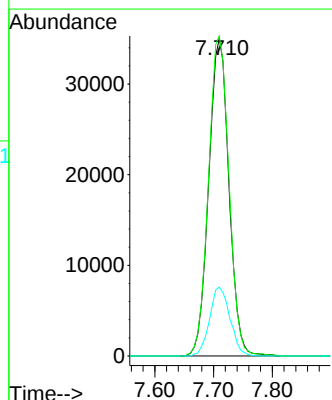
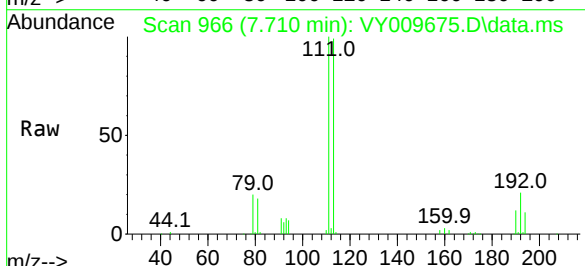
Tgt Ion:113 Resp: 83648

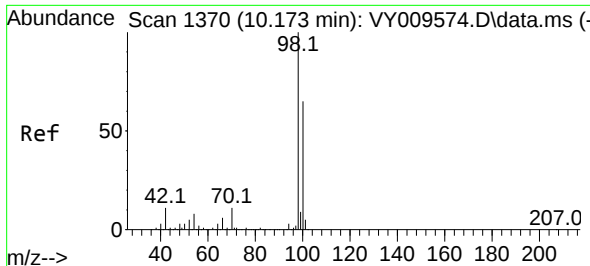
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 21.9 17.6 26.4

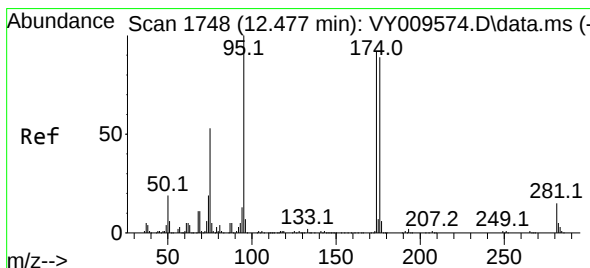
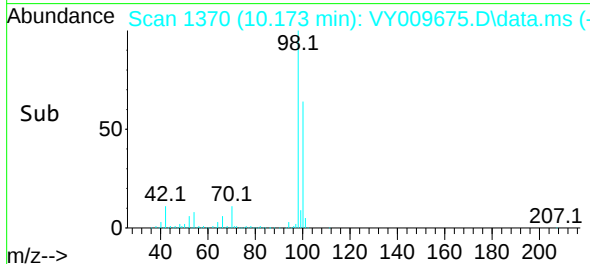
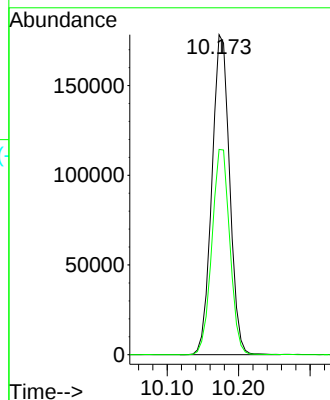
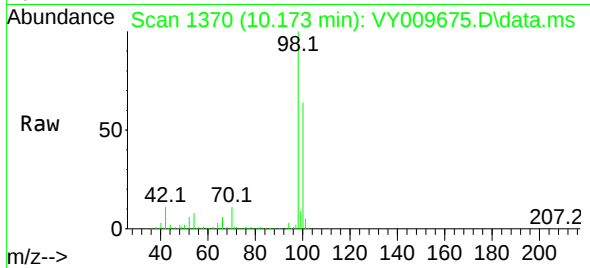




#50
Toluene-d8
Concen: 48.131 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

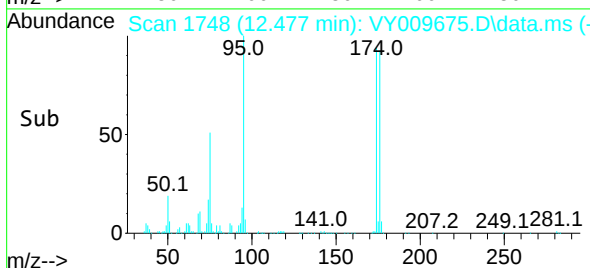
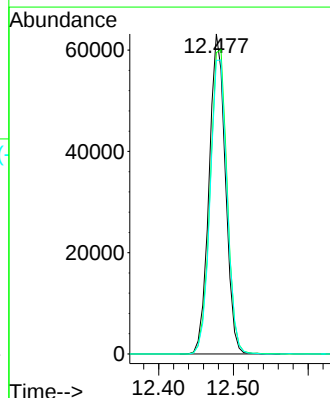
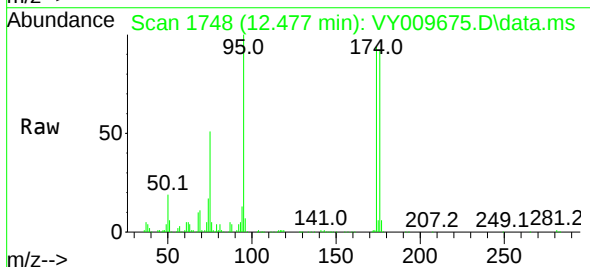
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

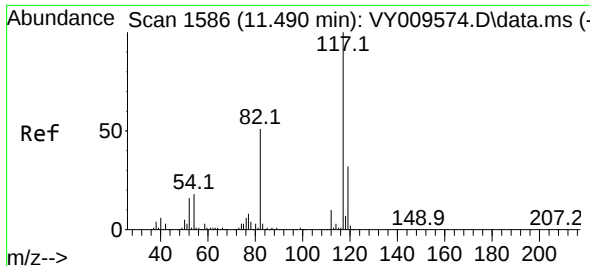
Tgt Ion: 98 Resp: 306850
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.330 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Tgt Ion: 95 Resp: 95708
Ion Ratio Lower Upper
95 100
174 99.1 0.0 177.0
176 95.5 0.0 175.8

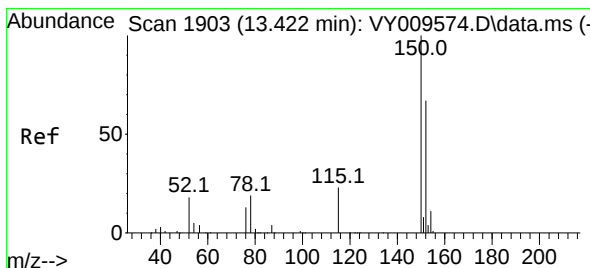
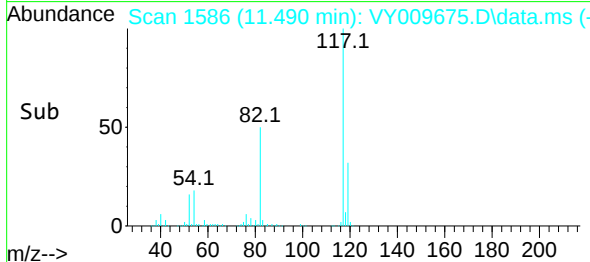
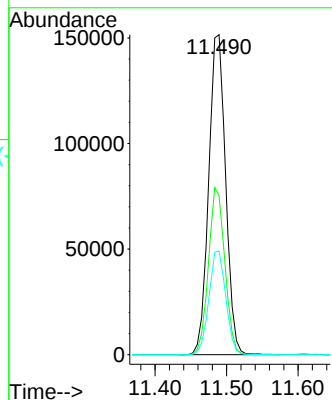
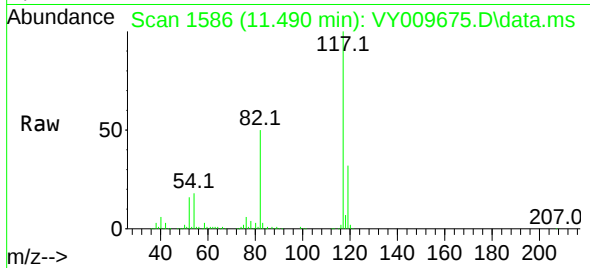




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009675.D
Acq: 25 Jul 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

Tgt Ion:117 Resp: 249143
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 32.4 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: VY009675.D
Acq: 25 Jul 2022 10:37

Tgt Ion:152 Resp: 115851
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 155.9 0.0 347.6

