

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009683.D
 Acq On : 25 Jul 2022 13:51
 Operator : KP/MD
 Sample : N3839-04
 Misc : 6.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FIELD-DUPLICATE-01

Quant Time: Jul 26 05:56:28 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	188918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	92389	51.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.420%
35) Dibromofluoromethane	7.704	113	87715	47.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.300%
50) Toluene-d8	10.173	98	341881	48.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.477	95	125020	54.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	109.040%

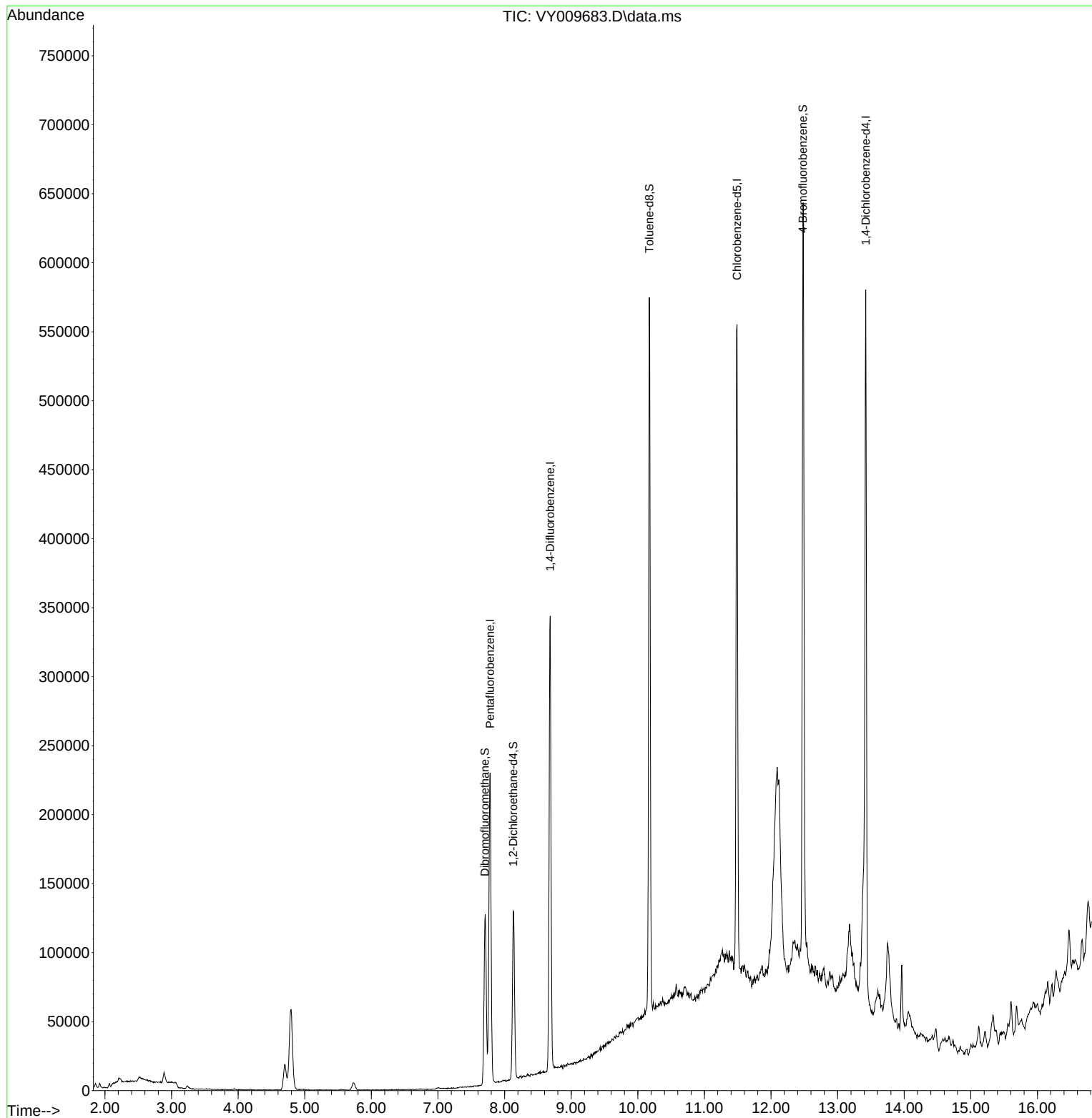
Target Compounds	Qvalue

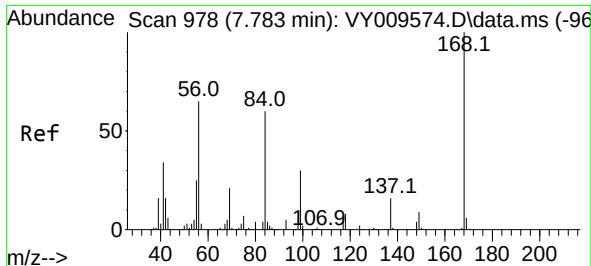
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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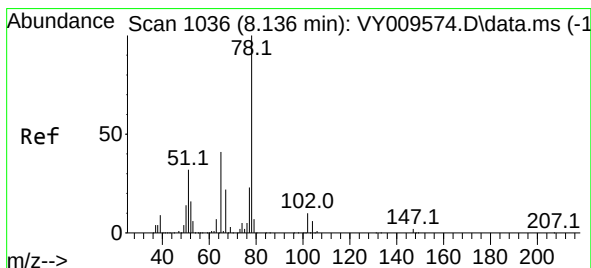
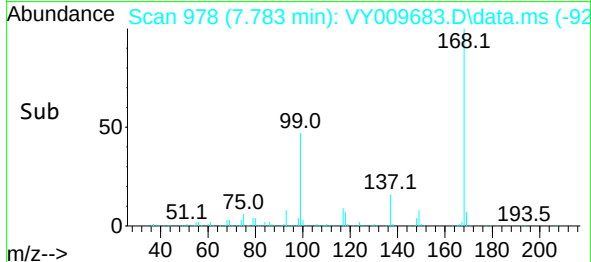
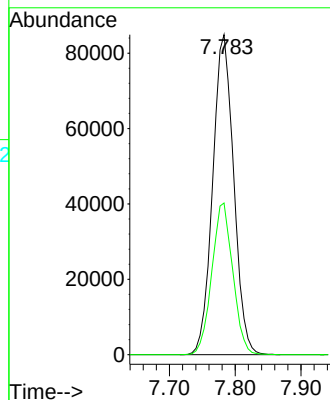
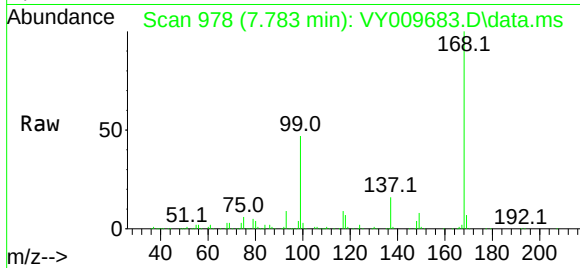




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009683.D
Acq: 25 Jul 2022 13:51

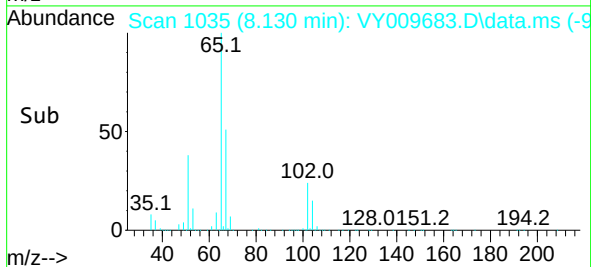
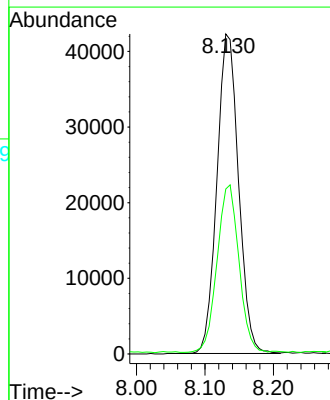
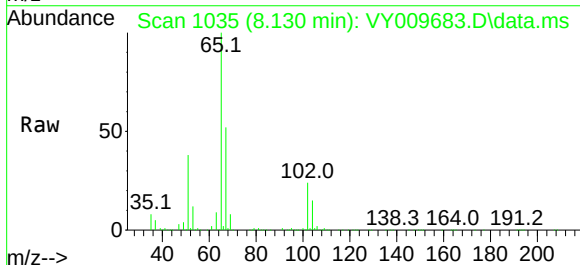
Instrument :
MSVOA_Y
ClientSampleId :
FIELD-DUPLICATE-01

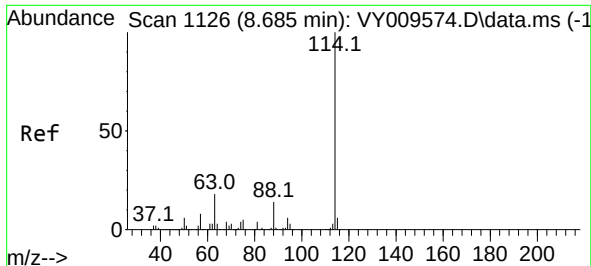
Tgt Ion:168 Resp: 188918
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.709 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009683.D
Acq: 25 Jul 2022 13:51

Tgt Ion: 65 Resp: 92389
Ion Ratio Lower Upper
65 100
67 53.1 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: VY009683.D

Acq: 25 Jul 2022 13:51

Instrument :

MSVOA_Y

ClientSampleId :

FIELD-DUPLICATE-01

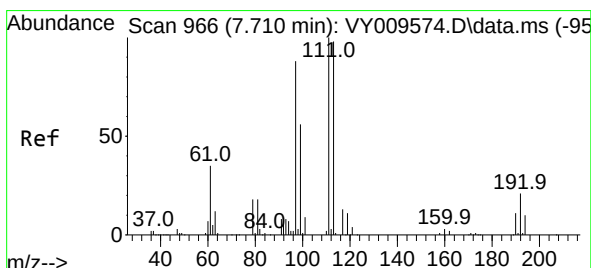
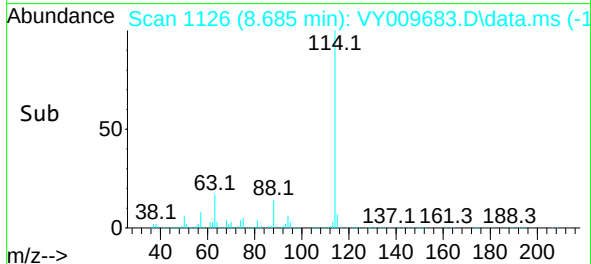
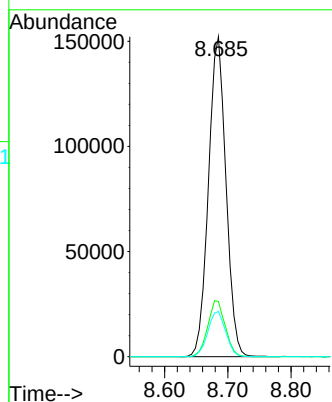
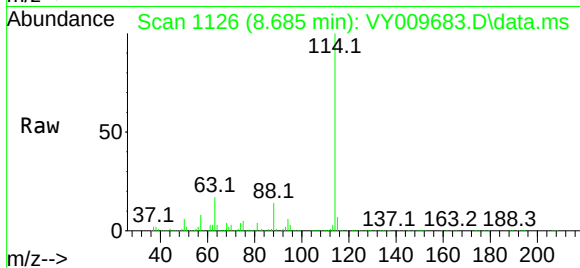
Tgt Ion:114 Resp: 292212

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.647 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009683.D

Acq: 25 Jul 2022 13:51

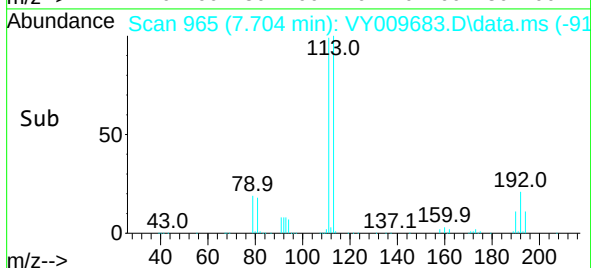
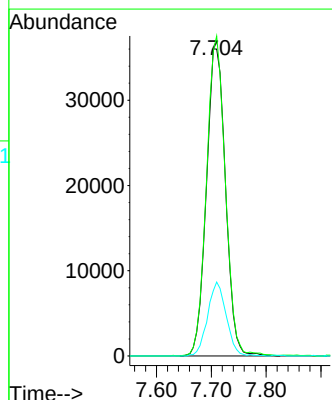
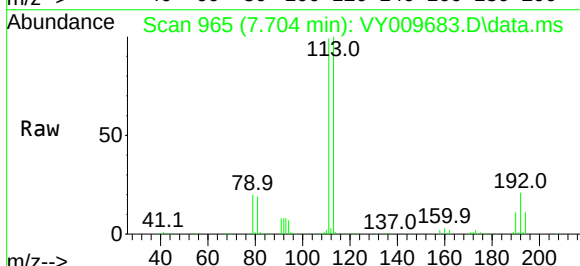
Tgt Ion:113 Resp: 87715

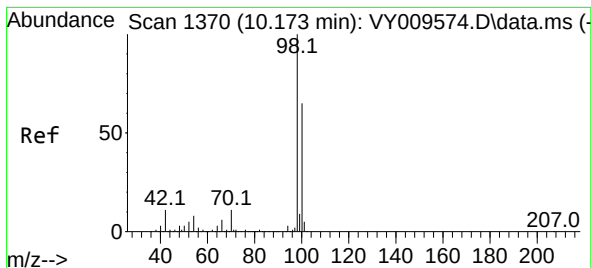
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 23.3 17.6 26.4





#50

Toluene-d8

Concen: 48.308 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009683.D

Acq: 25 Jul 2022 13:51

Instrument :

MSVOA_Y

ClientSampleId :

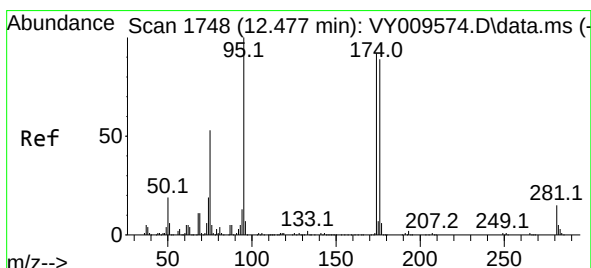
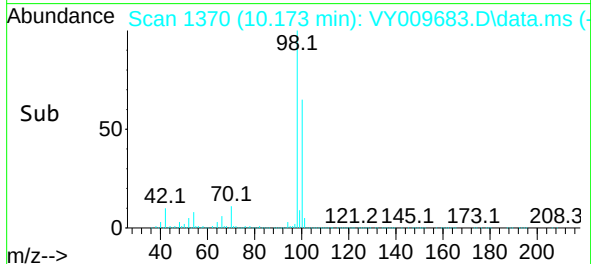
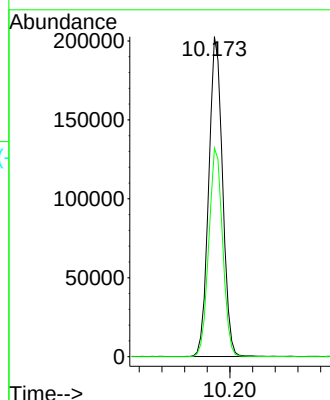
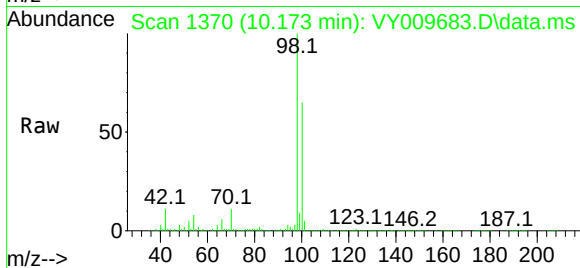
FIELD-DUPLICATE-01

Tgt Ion: 98 Resp: 341881

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 54.518 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009683.D

Acq: 25 Jul 2022 13:51

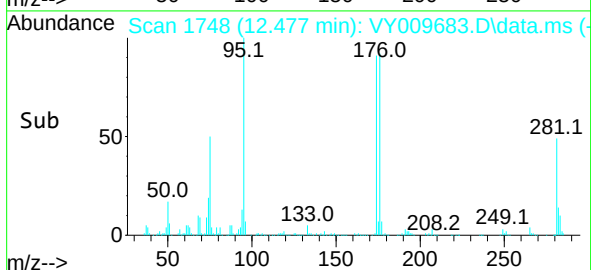
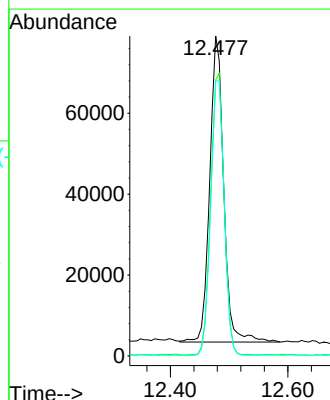
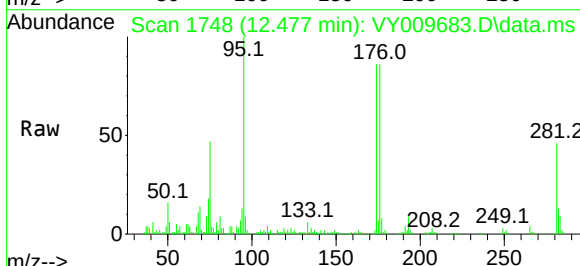
Tgt Ion: 95 Resp: 125020

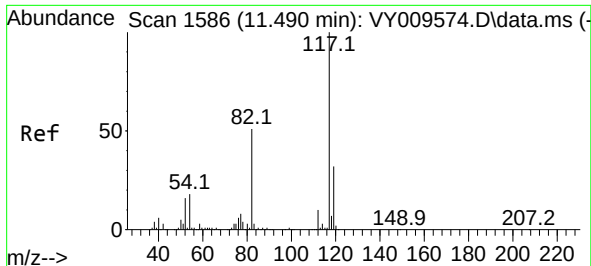
Ion Ratio Lower Upper

95 100

174 88.4 0.0 177.0

176 87.3 0.0 175.8

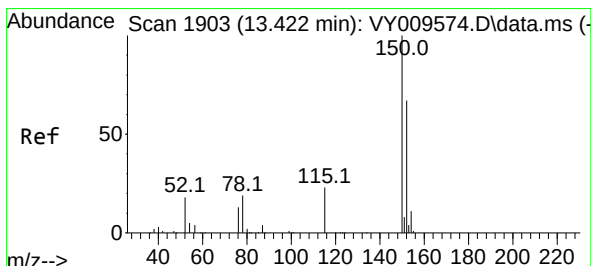
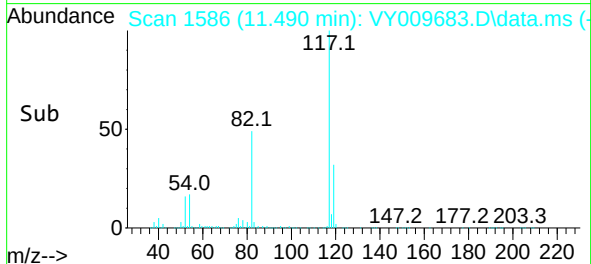
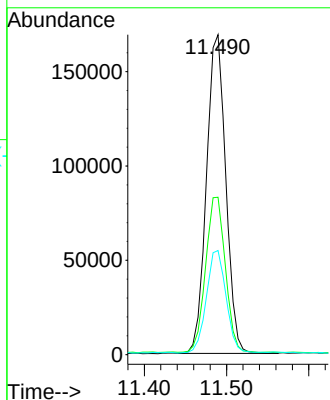
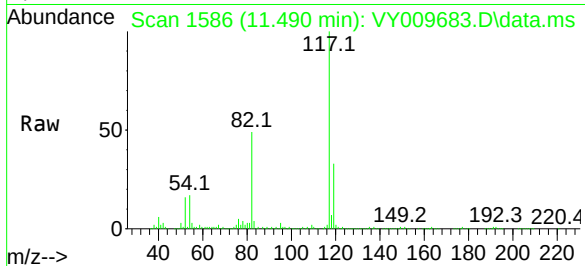




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009683.D
Acq: 25 Jul 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :
FIELD-DUPLICATE-01

Tgt Ion:117 Resp: 276165
Ion Ratio Lower Upper
117 100
82 48.6 43.0 64.4
119 32.2 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: VY009683.D
Acq: 25 Jul 2022 13:51

Tgt Ion:152 Resp: 129078
Ion Ratio Lower Upper
152 100
115 52.9 28.2 84.7
150 153.8 0.0 347.6

