

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009523.D
 Acq On : 12 Jul 2022 10:33
 Operator : KP/MD
 Sample : VY0712SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0712SBL01

Quant Time: Jul 13 01:13:44 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	160044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52954	46.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.040%
35) Dibromofluoromethane	7.710	113	58419	43.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.260%
50) Toluene-d8	10.173	98	163513	43.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	86.960%
62) 4-Bromofluorobenzene	12.477	95	81196	42.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	85.900%

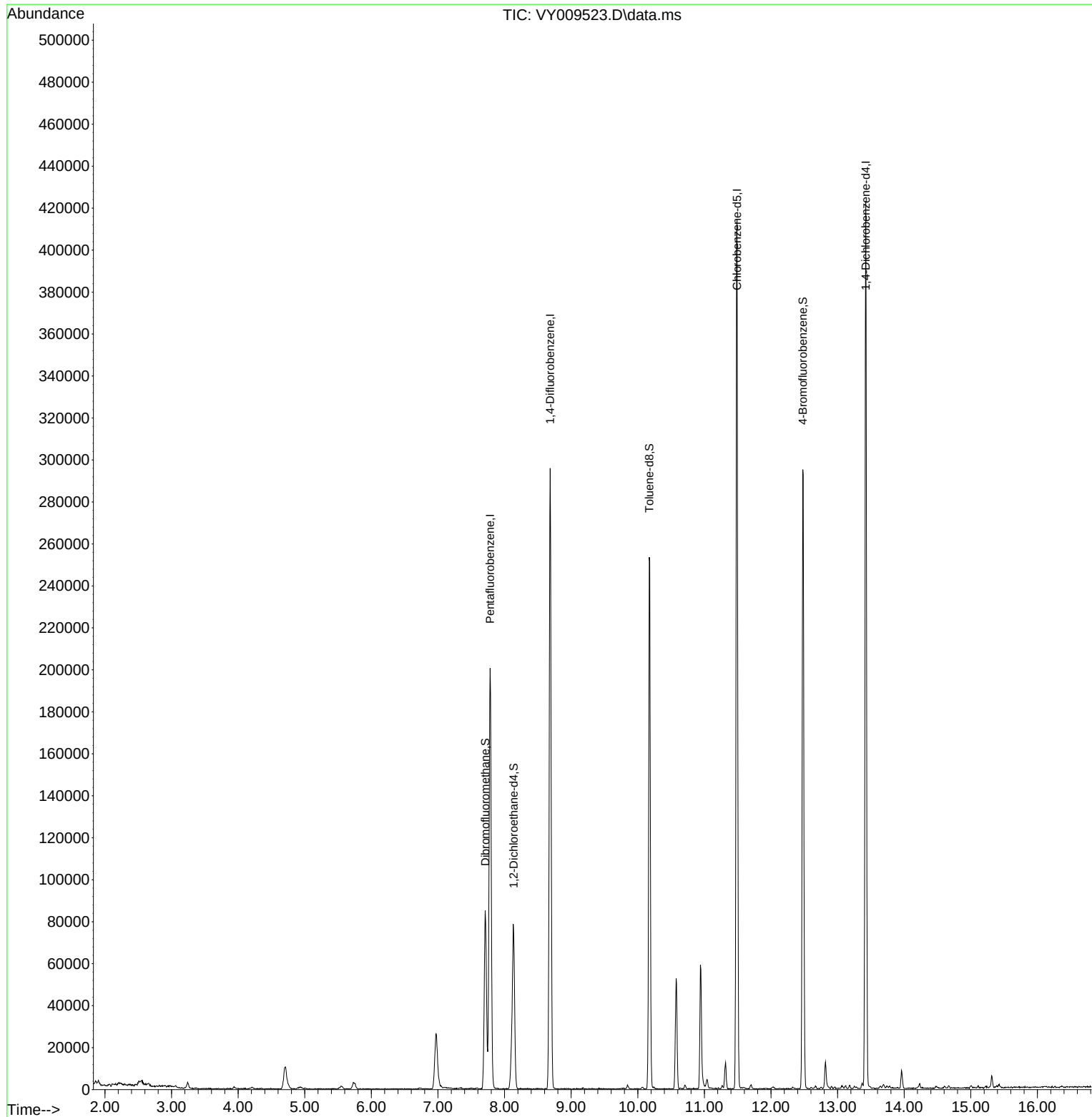
Target Compounds	Qvalue

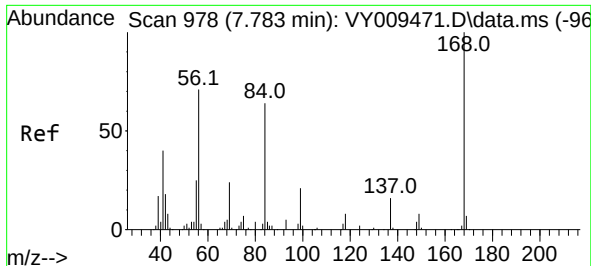
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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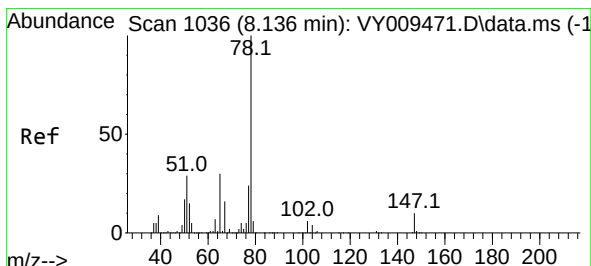
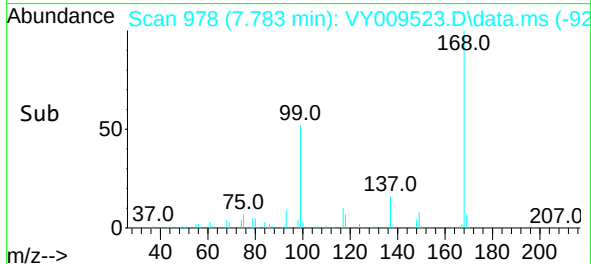
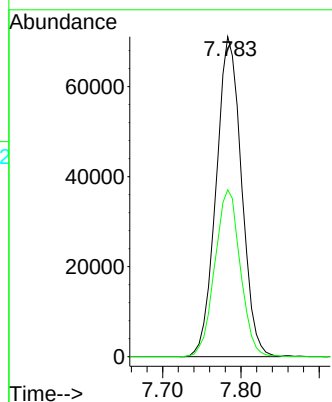
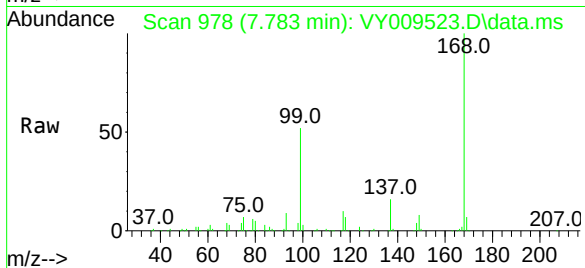




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

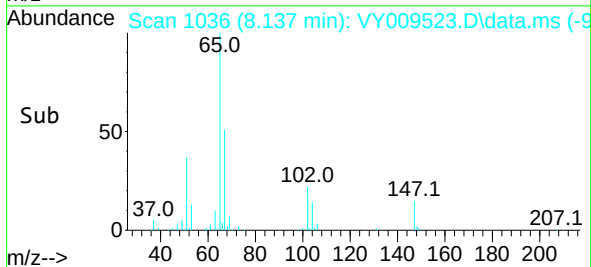
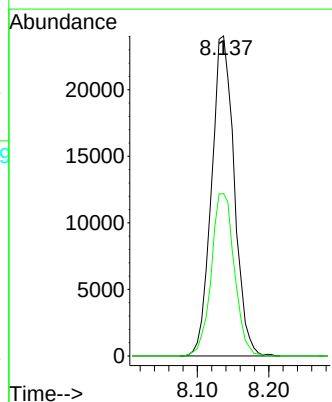
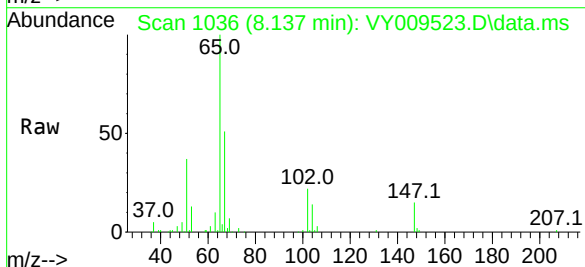
Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

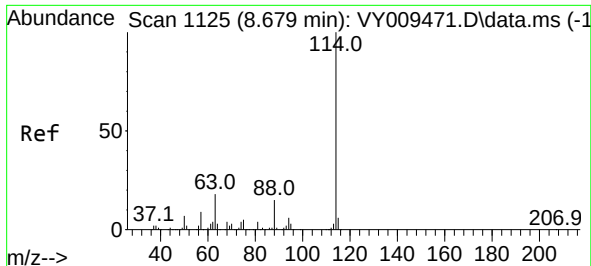
Tgt Ion:168 Resp: 160044
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.520 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion: 65 Resp: 52954
Ion Ratio Lower Upper
65 100
67 51.6 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: VY009523.D

Acq: 12 Jul 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0712SBL01

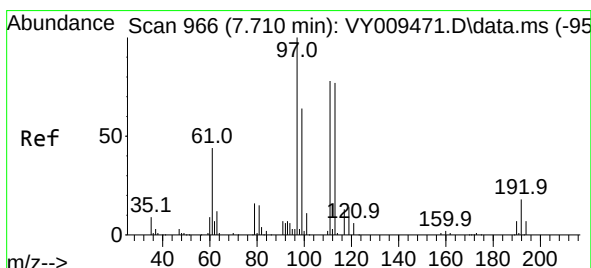
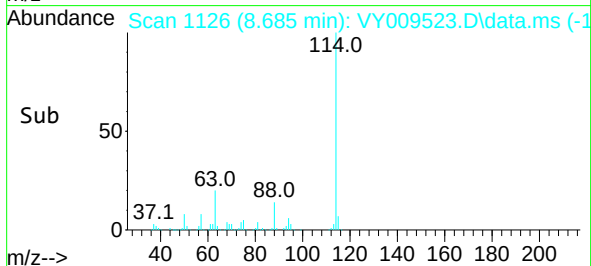
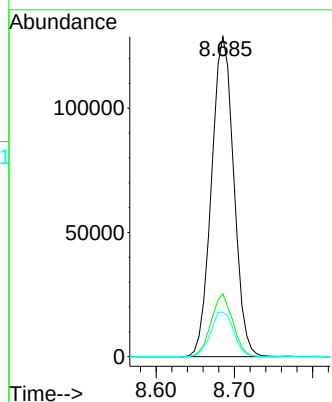
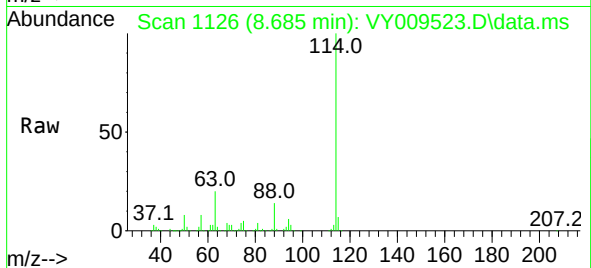
Tgt Ion:114 Resp: 254502

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.625 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009523.D

Acq: 12 Jul 2022 10:33

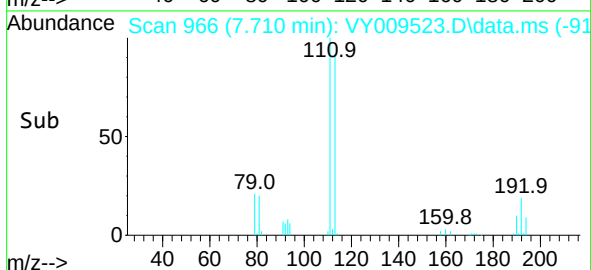
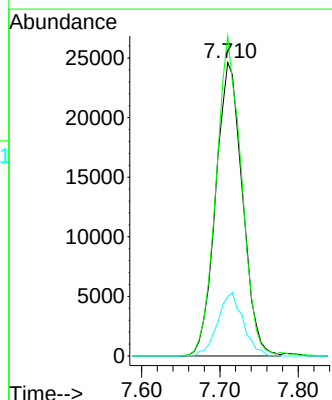
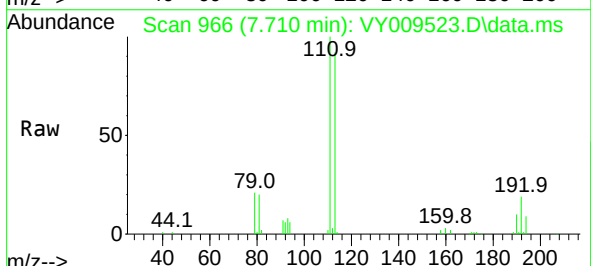
Tgt Ion:113 Resp: 58419

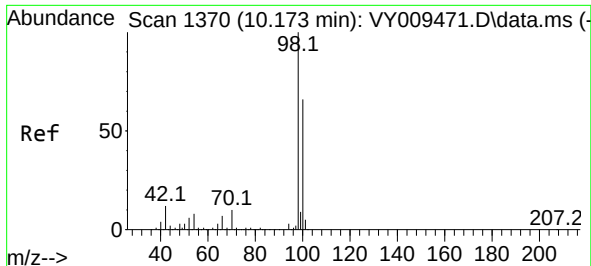
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 20.7 17.6 26.4

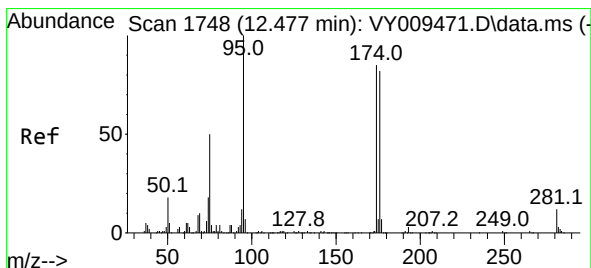
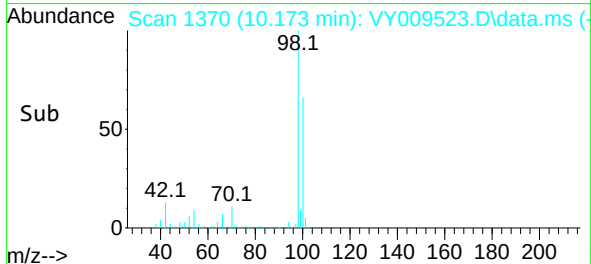
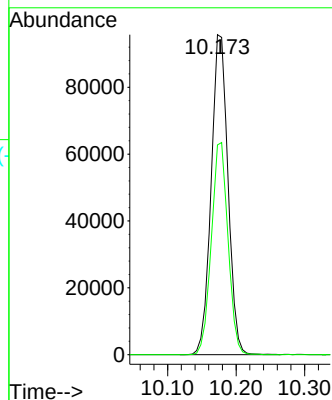
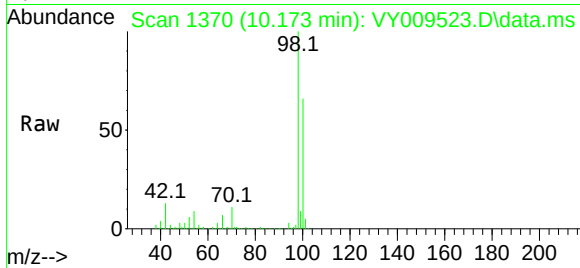




#50
Toluene-d8
Concen: 43.476 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

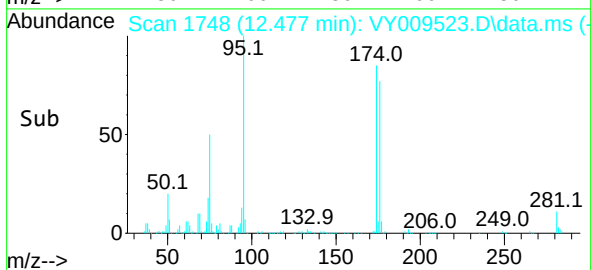
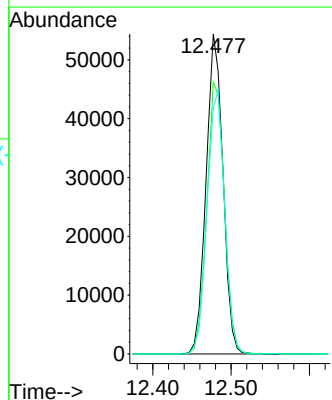
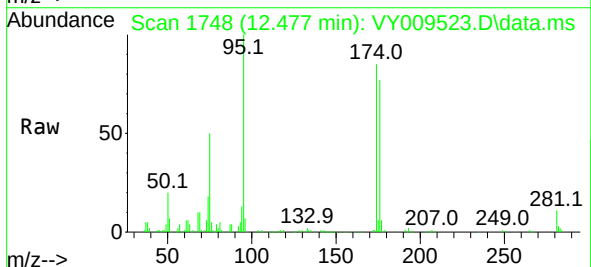
Instrument :
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ClientSampleId :
VY0712SBL01

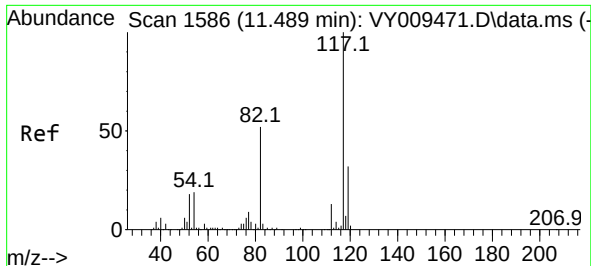
Tgt Ion: 98 Resp: 163513
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.955 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion: 95 Resp: 81196
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 85.4 0.0 175.8

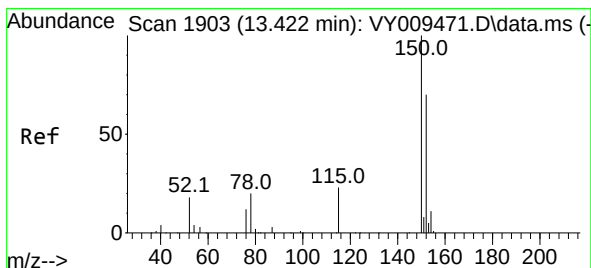
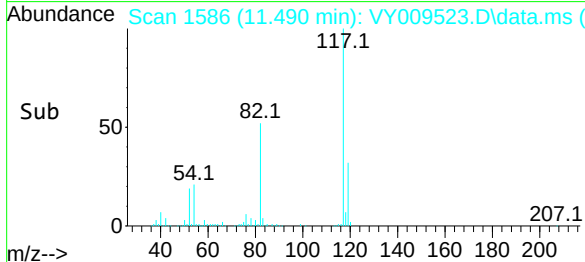
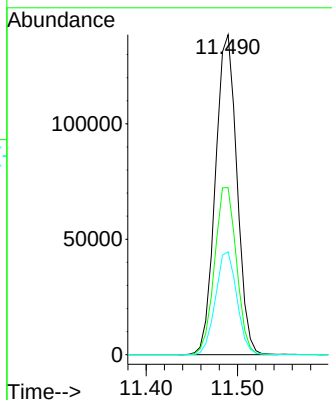
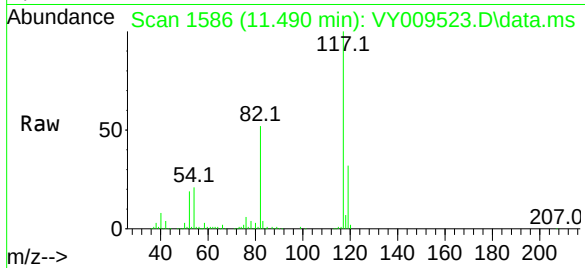




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

Tgt Ion:117 Resp: 227181
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.1 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: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion:152 Resp: 109210
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.4 0.0 347.6

