

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010851.D
 Acq On : 06 Oct 2022 17:38
 Operator : KP/MD
 Sample : N5004-06RE
 Misc : 6.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-21-17RE

Quant Time: Oct 07 02:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	207357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123611	58.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.620%
35) Dibromofluoromethane	7.716	113	127556	51.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.179	98	319342	38.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.060%
62) 4-Bromofluorobenzene	12.477	95	71765	19.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.280%

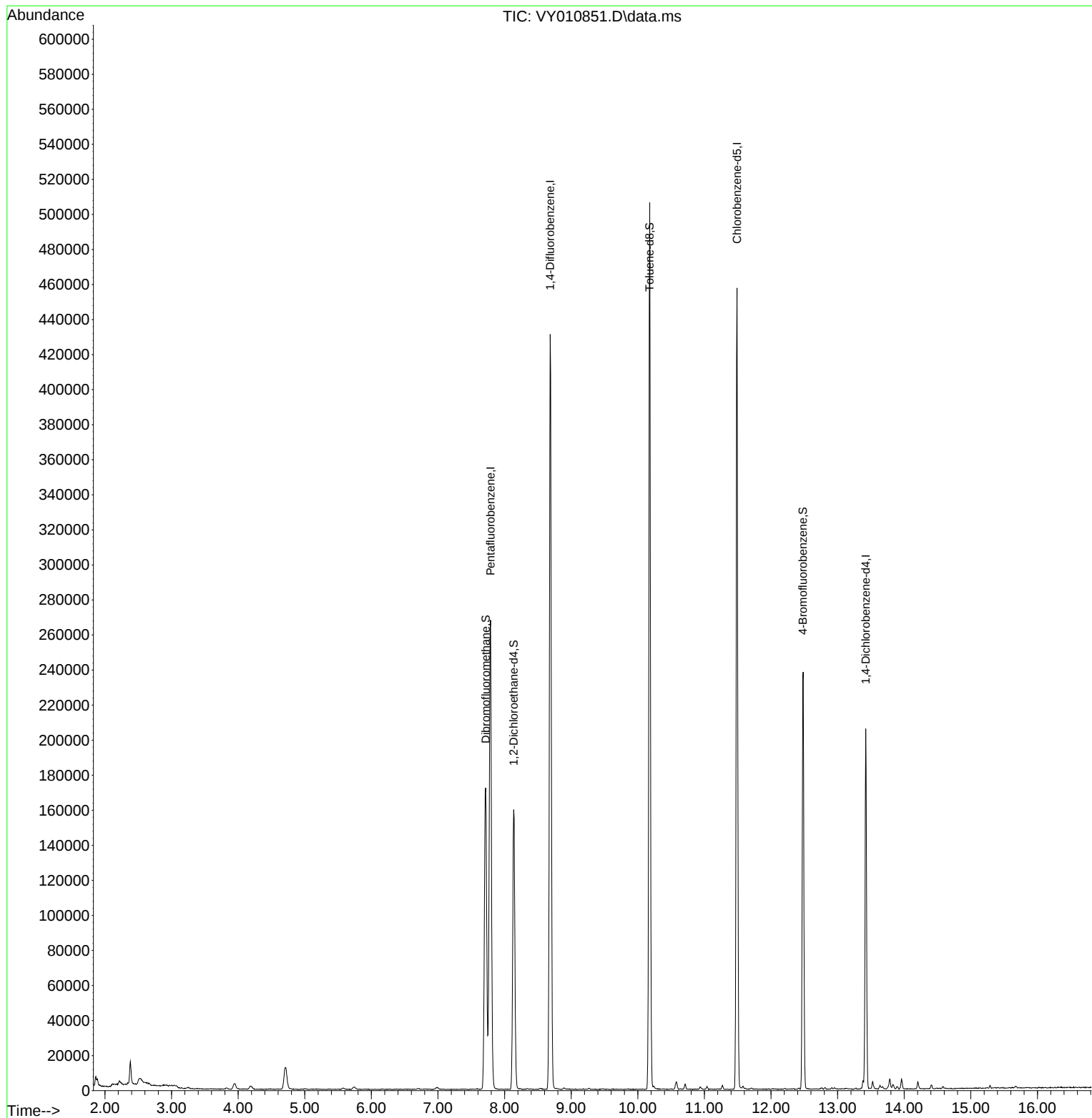
Target Compounds	Qvalue

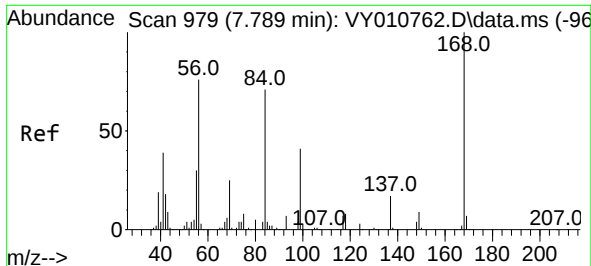
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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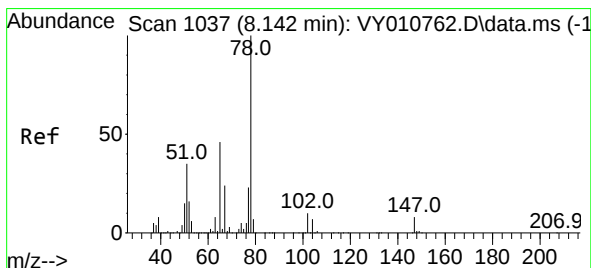
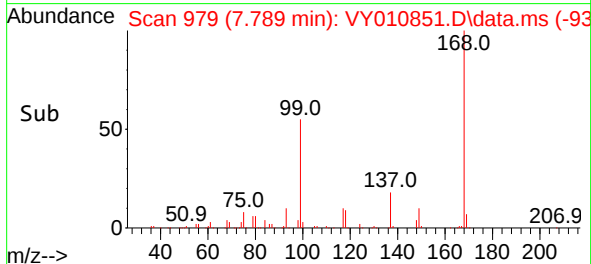
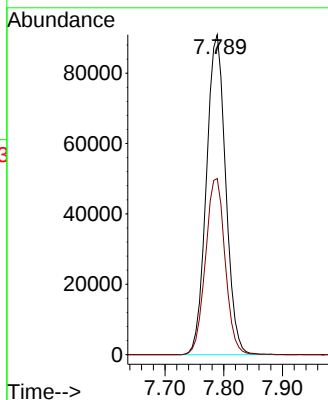
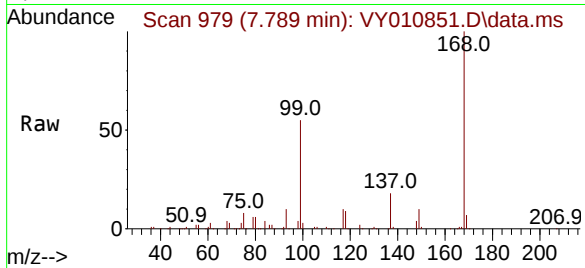




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010851.D
Acq: 06 Oct 2022 17:38

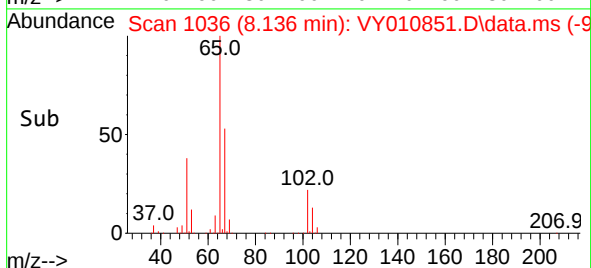
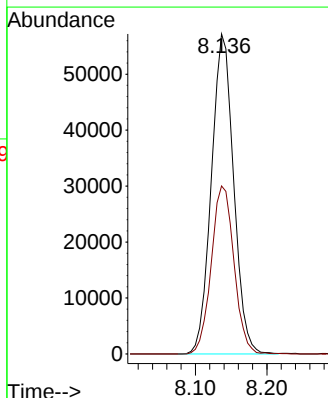
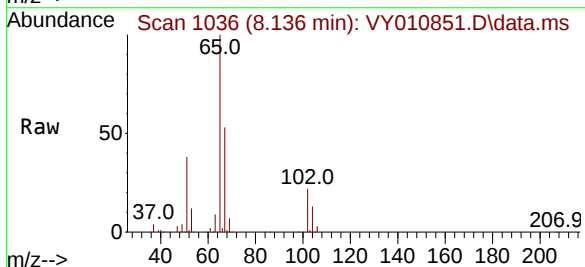
Instrument :
MSVOA_Y
ClientSampleId :
DA-21-17RE

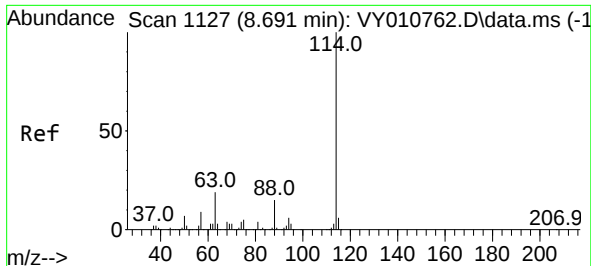
Tgt Ion:168 Resp: 207357
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.811 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010851.D
Acq: 06 Oct 2022 17:38

Tgt Ion: 65 Resp: 123611
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010851.D

Acq: 06 Oct 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

DA-21-17RE

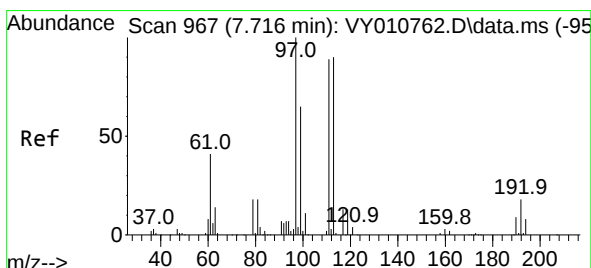
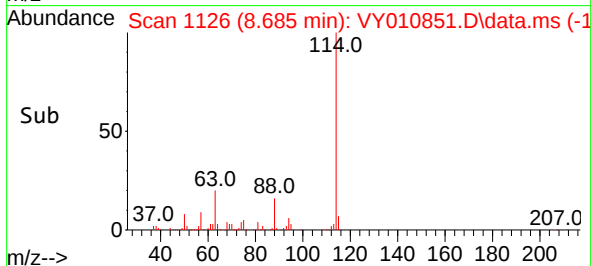
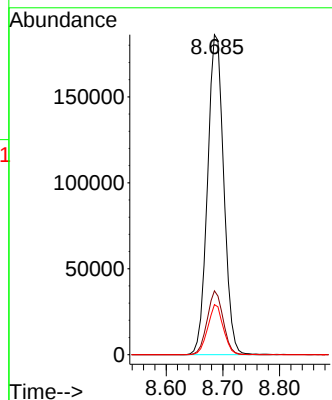
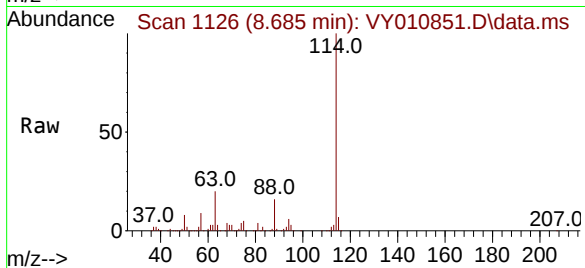
Tgt Ion:114 Resp: 369921

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.946 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010851.D

Acq: 06 Oct 2022 17:38

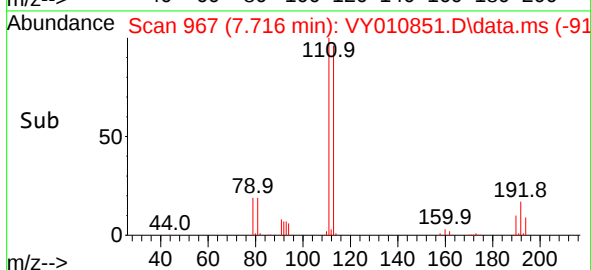
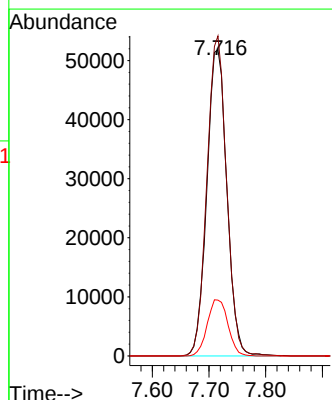
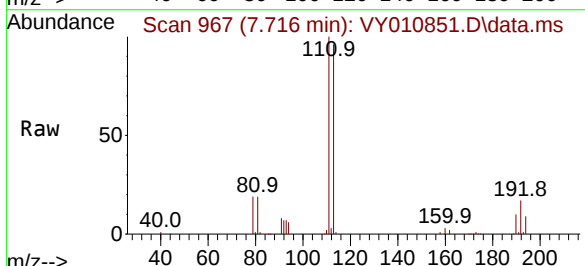
Tgt Ion:113 Resp: 127556

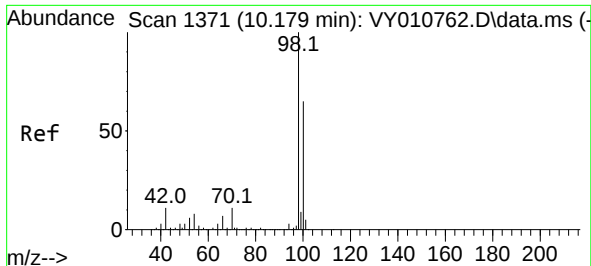
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 18.9 17.6 26.4

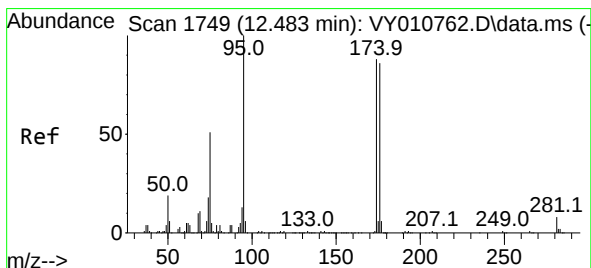
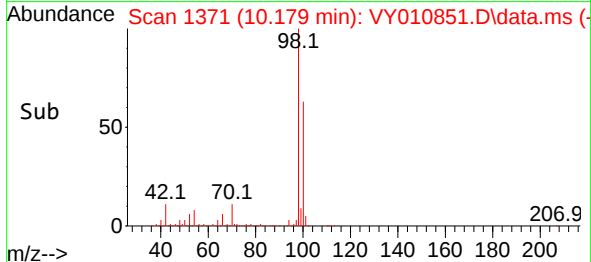
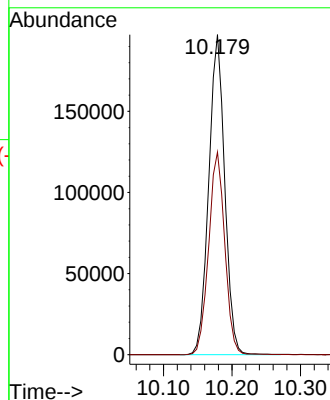
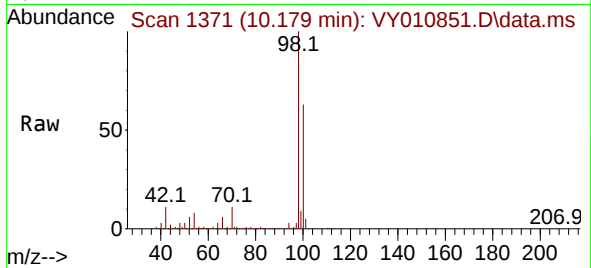




#50
Toluene-d8
Concen: 38.027 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010851.D
Acq: 06 Oct 2022 17:38

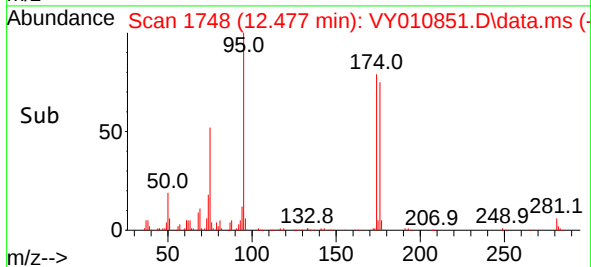
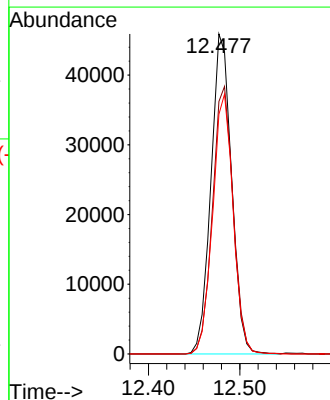
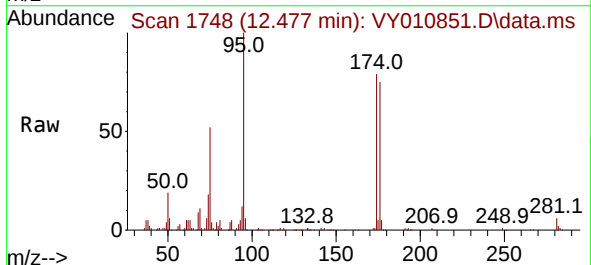
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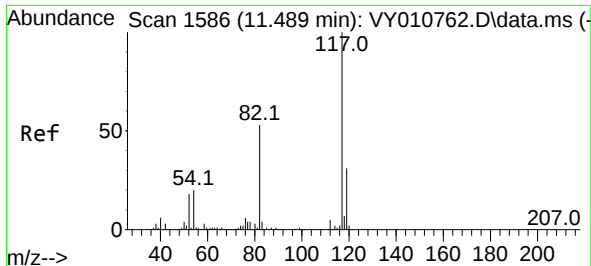
Tgt Ion: 98 Resp: 319342
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 19.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010851.D
Acq: 06 Oct 2022 17:38

Tgt Ion: 95 Resp: 71765
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 80.9 0.0 175.8

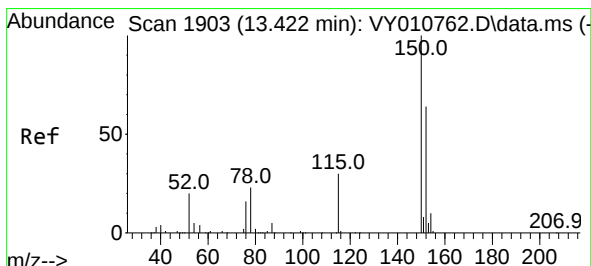
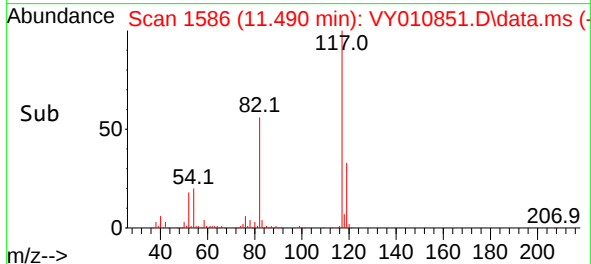
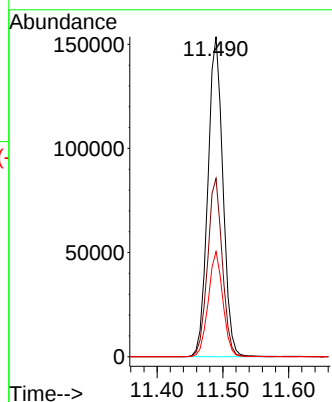
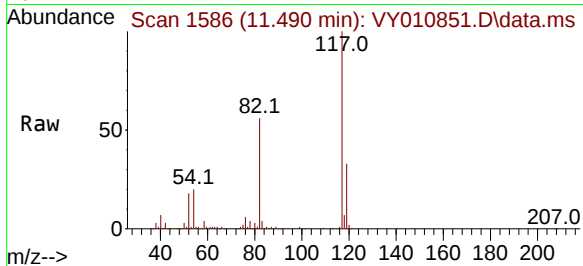




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010851.D
Acq: 06 Oct 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
DA-21-17RE

Tgt Ion:117 Resp: 244509
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.9 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: VY010851.D
Acq: 06 Oct 2022 17:38

Tgt Ion:152 Resp: 52293
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 155.9 0.0 347.6

