

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010234.D
 Acq On : 31 Aug 2022 10:50
 Operator : KP/MD
 Sample : VY0831SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBL01

Quant Time: Aug 31 14:44:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	187828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89513	56.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.640%
35) Dibromofluoromethane	7.710	113	86585	54.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.179	98	322548	54.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.477	95	106355	47.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.960%

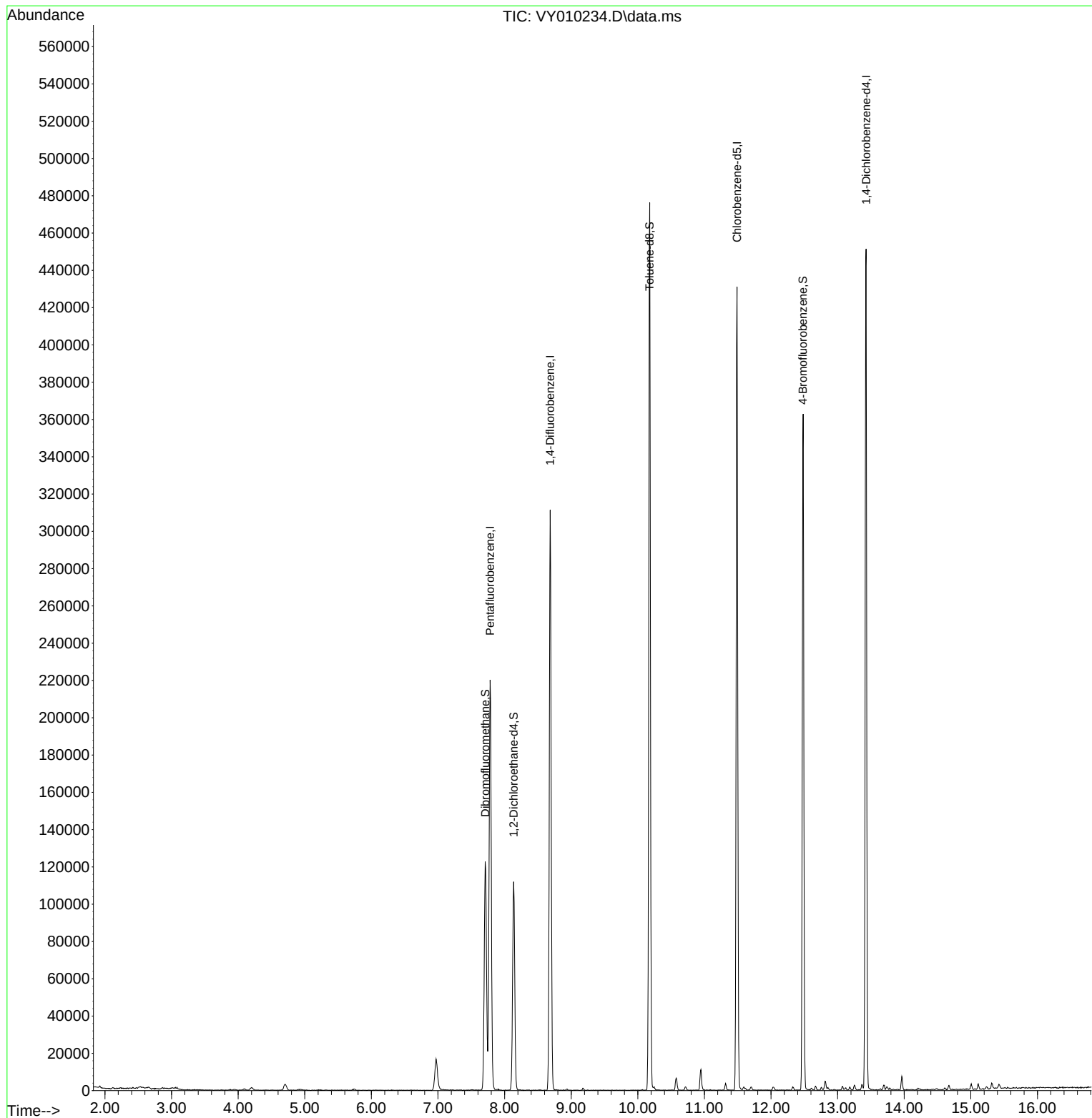
Target Compounds	Qvalue

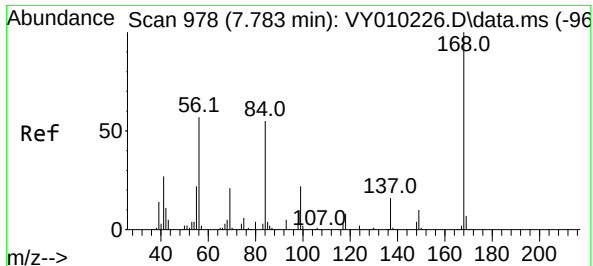
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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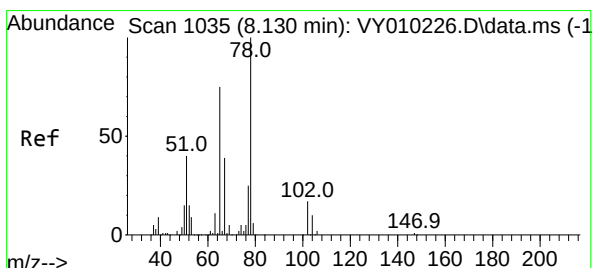
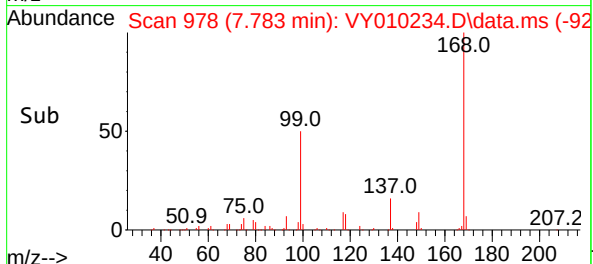
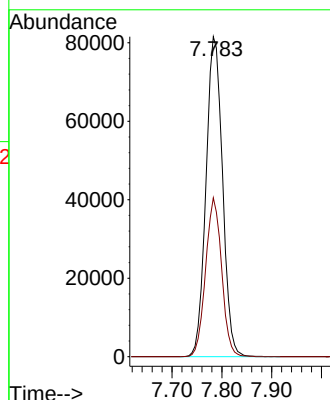
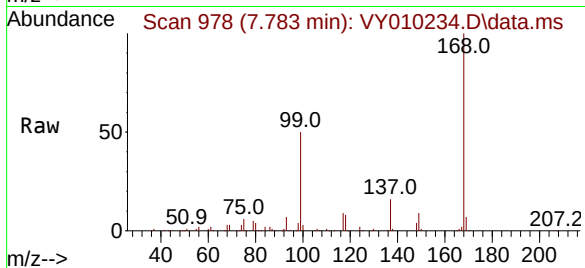




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

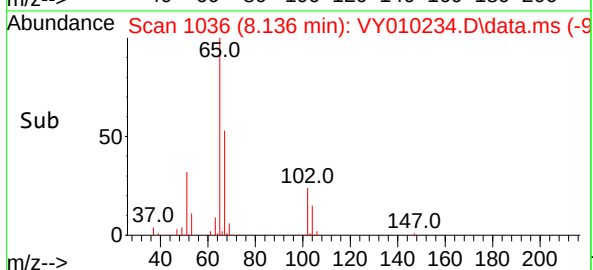
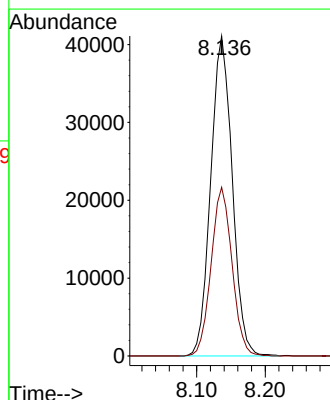
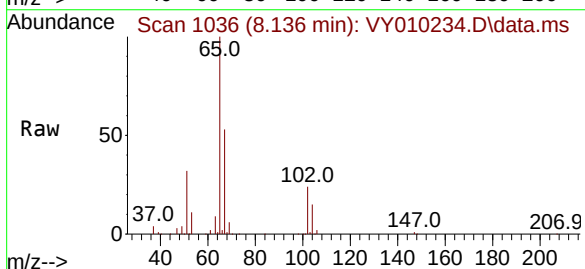
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBL01

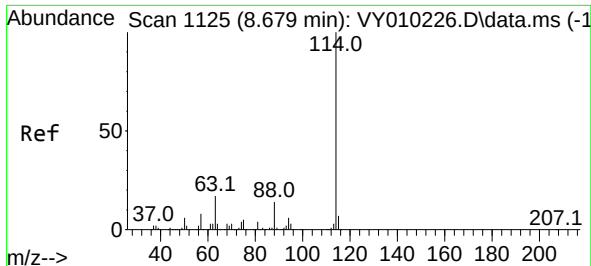
Tgt Ion:168 Resp: 187828
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.824 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion: 65 Resp: 89513
Ion Ratio Lower Upper
65 100
67 51.2 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: VY010234.D

Acq: 31 Aug 2022 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBL01

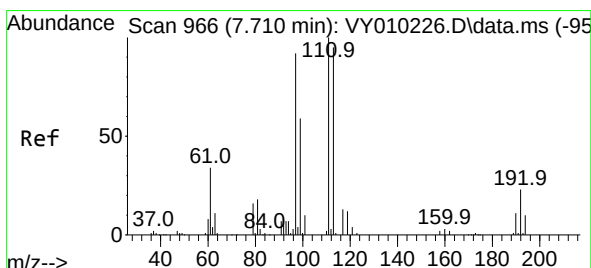
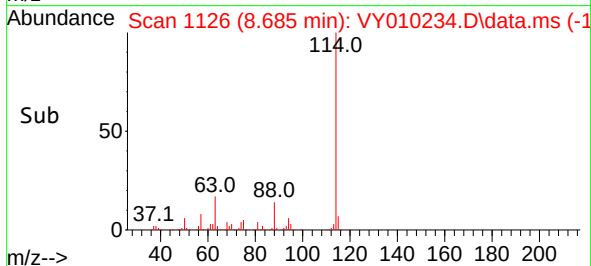
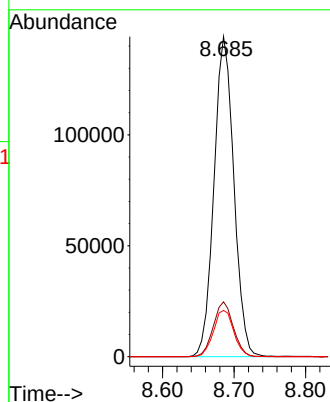
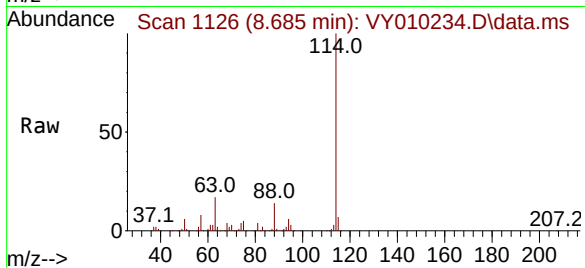
Tgt Ion:114 Resp: 278229

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.125 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010234.D

Acq: 31 Aug 2022 10:50

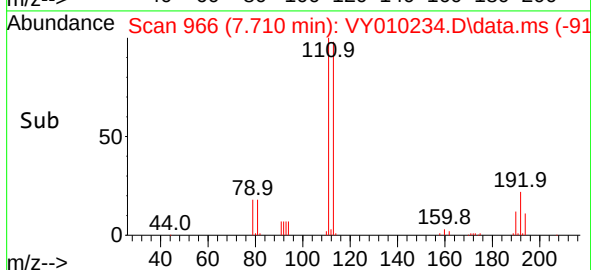
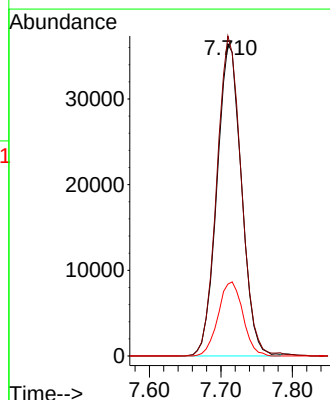
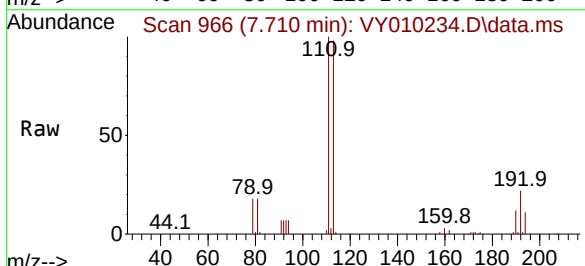
Tgt Ion:113 Resp: 86585

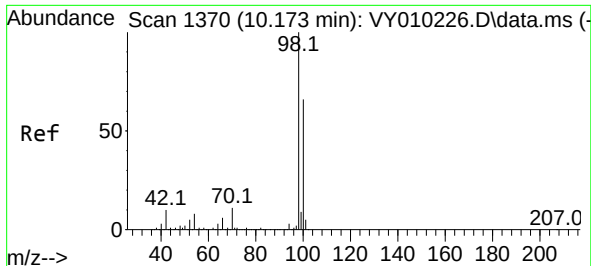
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 24.0 17.6 26.4

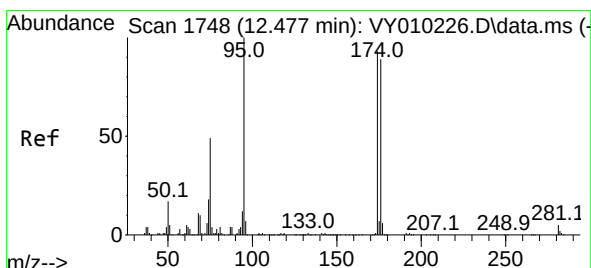
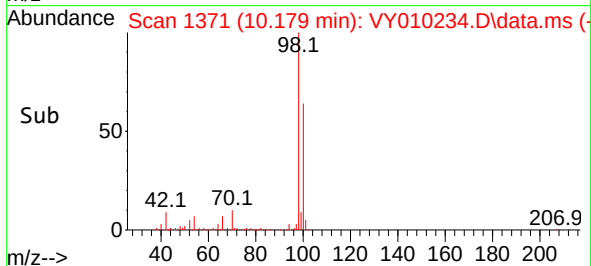
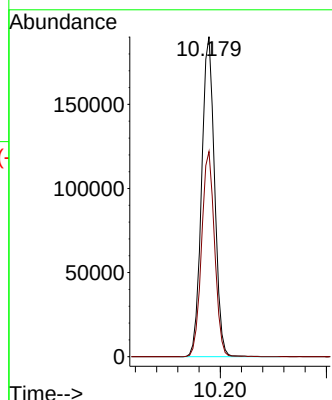
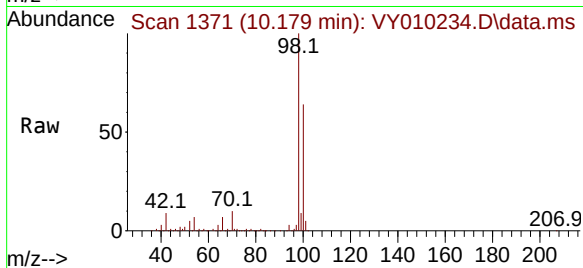




#50
Toluene-d8
Concen: 54.231 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

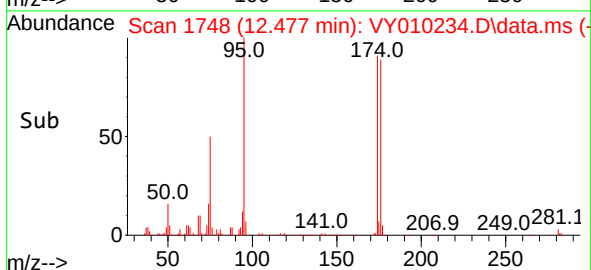
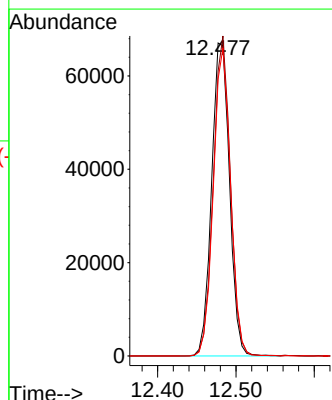
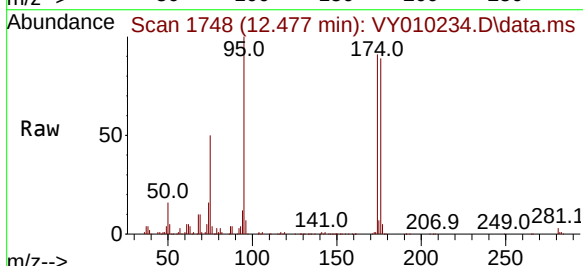
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBL01

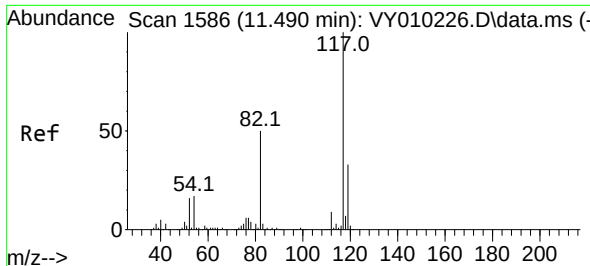
Tgt Ion: 98 Resp: 322548
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.979 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion: 95 Resp: 106355
Ion Ratio Lower Upper
95 100
174 97.7 0.0 177.0
176 94.8 0.0 175.8

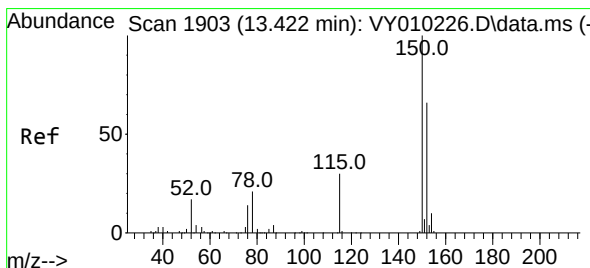
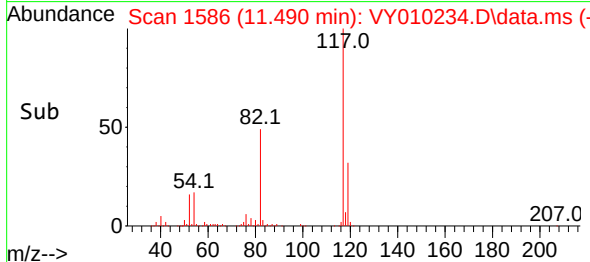
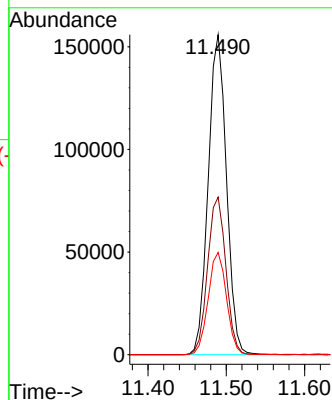
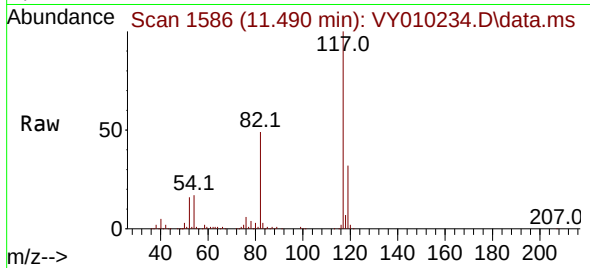




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBL01

Tgt Ion:117 Resp: 251746
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion:152 Resp: 126770
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 158.1 0.0 347.6

