

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010844.D
 Acq On : 06 Oct 2022 14:59
 Operator : KP/MD
 Sample : N4988-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-5-100422

Quant Time: Oct 07 02:29:32 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	143640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	247820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85807	58.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.860%
35) Dibromofluoromethane	7.716	113	92570	56.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.540%
50) Toluene-d8	10.179	98	268444	47.716	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.483	95	100247	45.261	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.520%

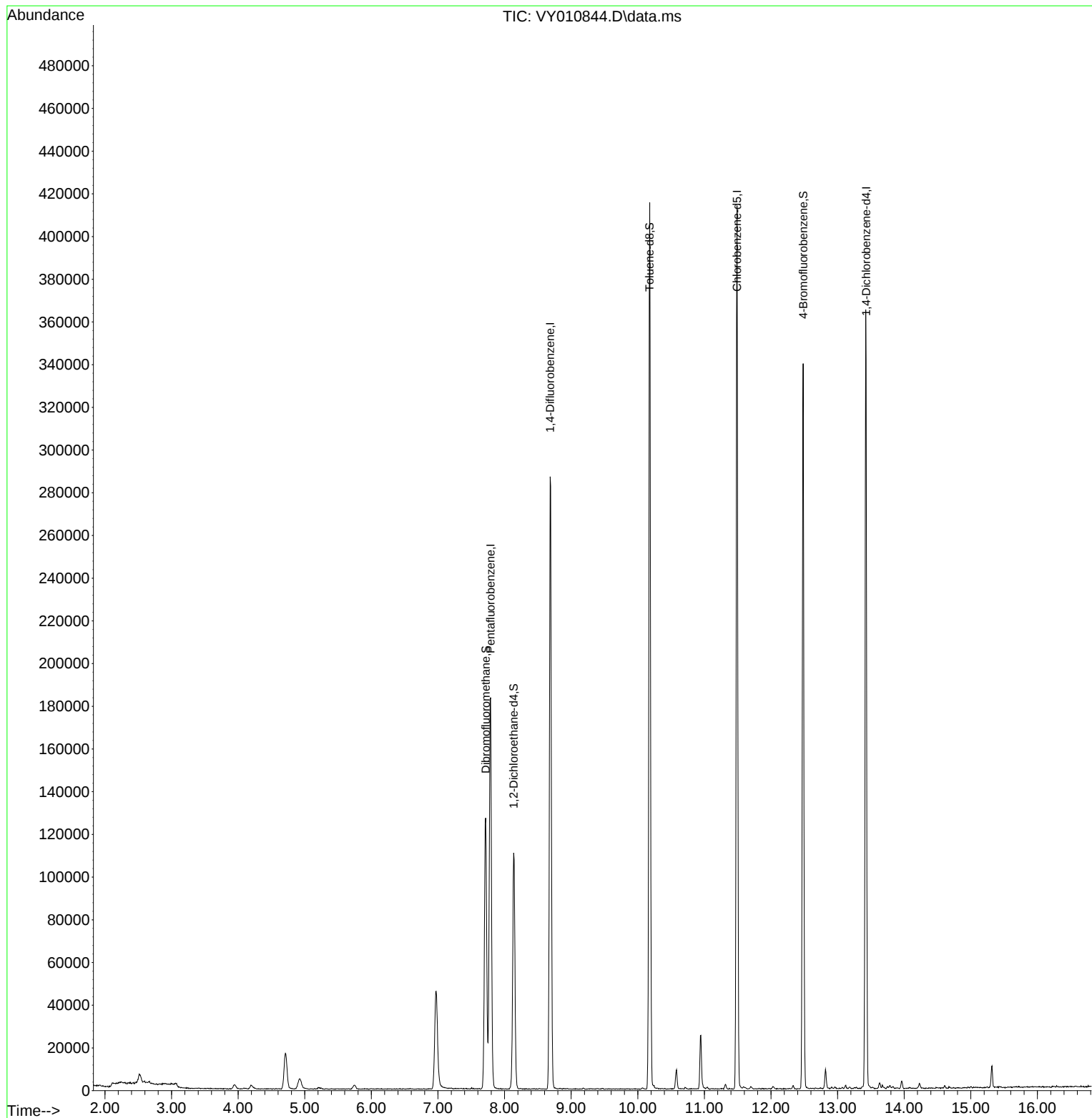
Target Compounds	Qvalue

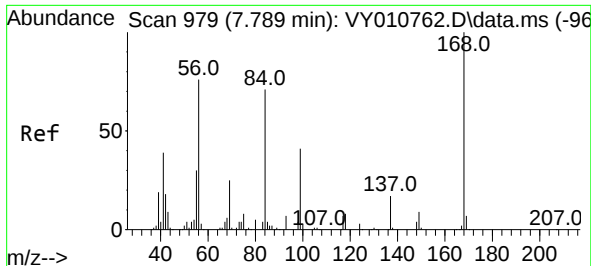
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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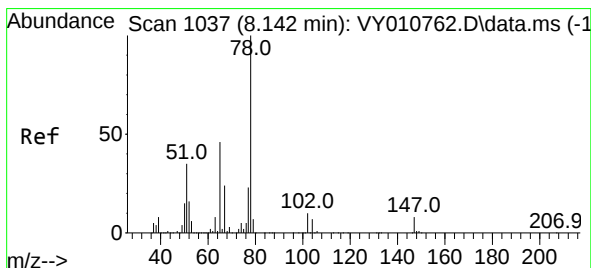
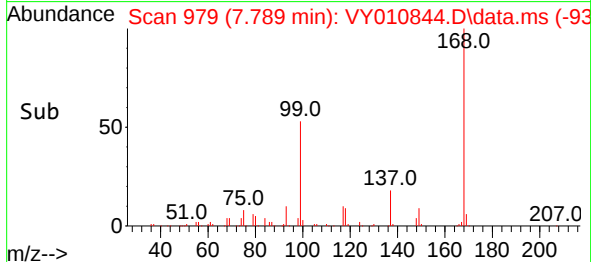
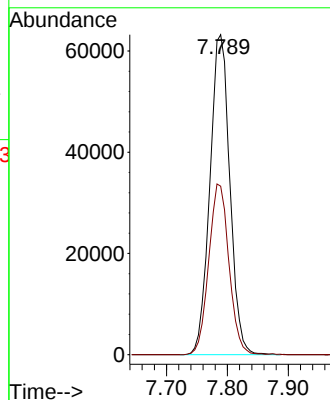
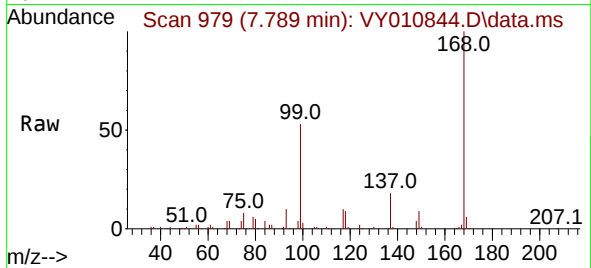




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010844.D
Acq: 06 Oct 2022 14:59

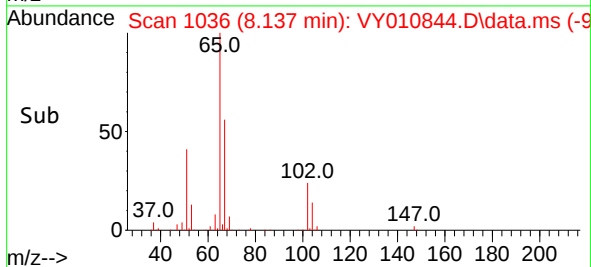
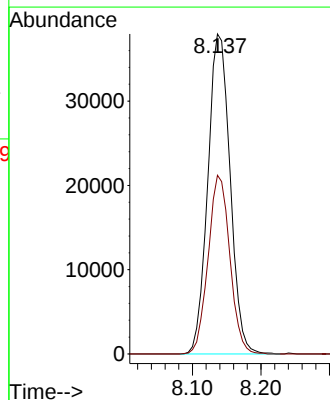
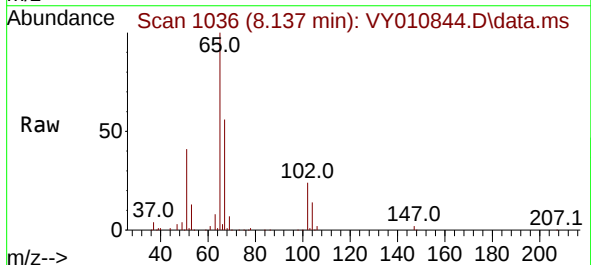
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-100422

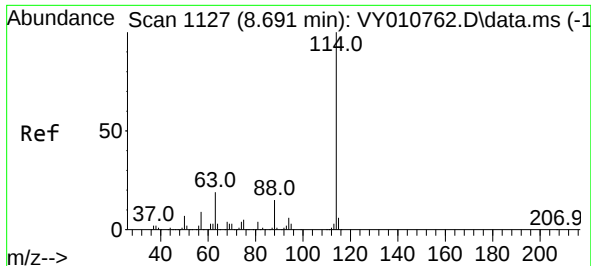
Tgt Ion:168 Resp: 143640
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.935 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010844.D
Acq: 06 Oct 2022 14:59

Tgt Ion: 65 Resp: 85807
Ion Ratio Lower Upper
65 100
67 54.4 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: VY010844.D

Acq: 06 Oct 2022 14:59

Instrument :

MSVOA_Y

ClientSampleId :

AU-5-100422

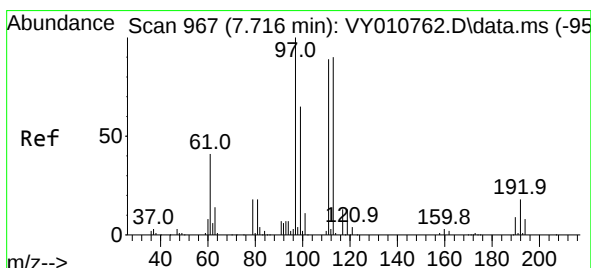
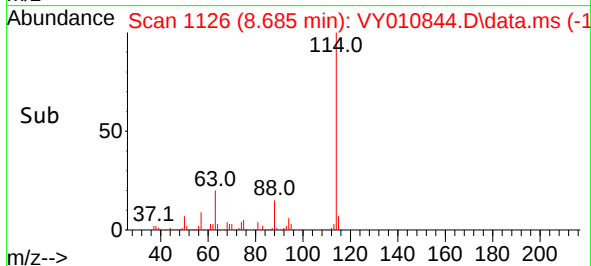
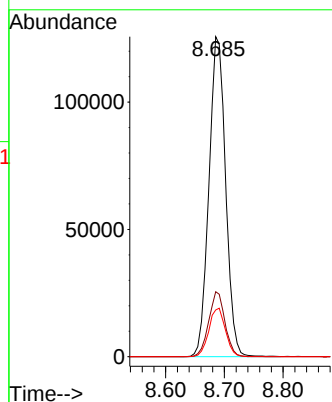
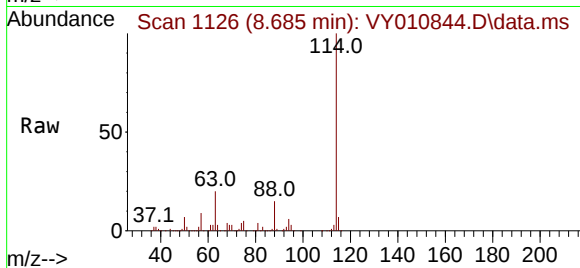
Tgt Ion:114 Resp: 247820

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.272 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010844.D

Acq: 06 Oct 2022 14:59

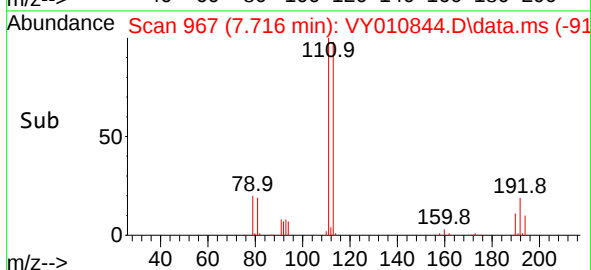
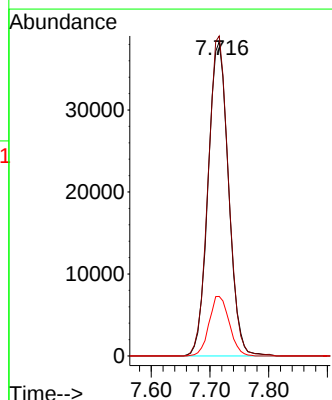
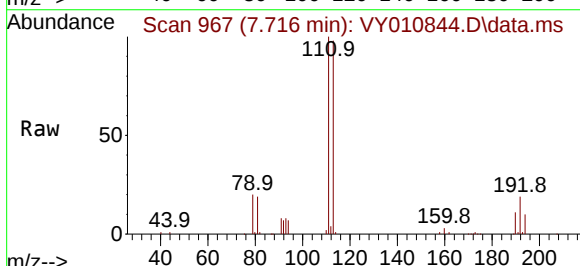
Tgt Ion:113 Resp: 92570

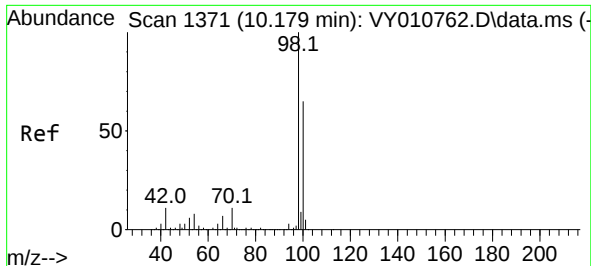
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 18.7 17.6 26.4

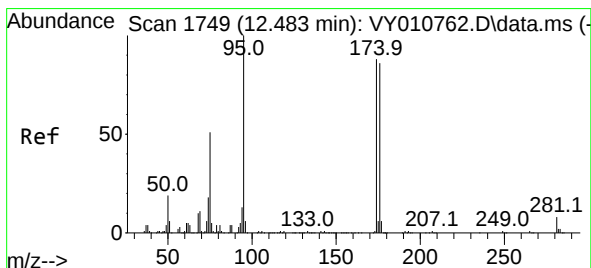
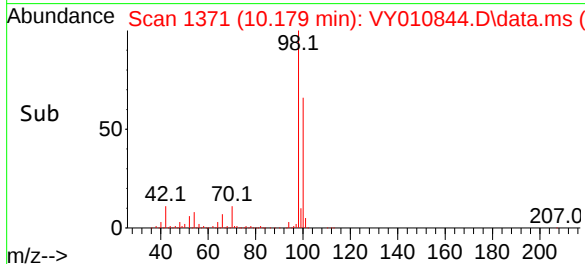
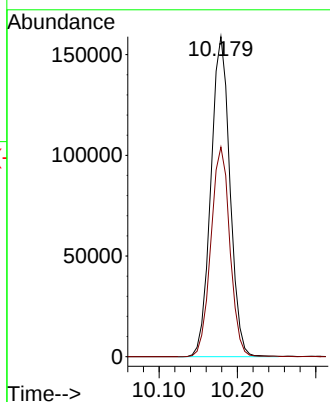
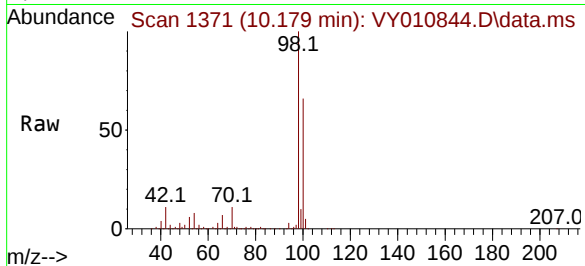




#50
Toluene-d8
Concen: 47.716 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010844.D
Acq: 06 Oct 2022 14:59

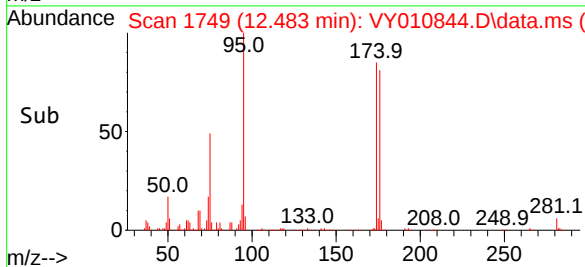
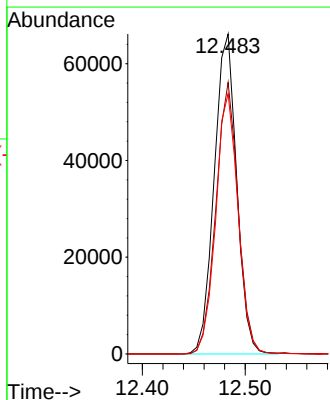
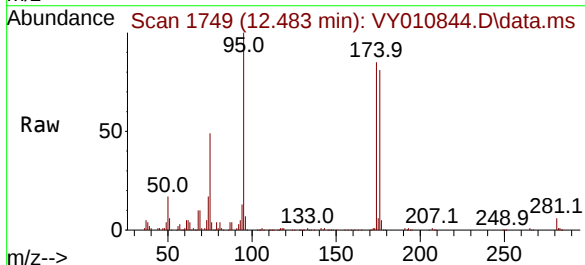
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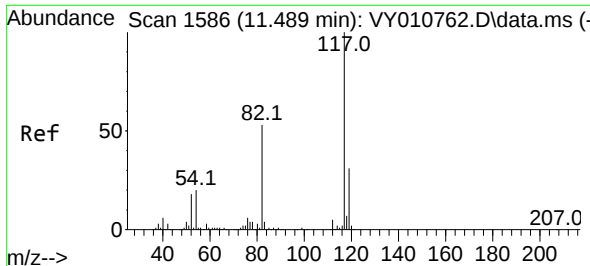
Tgt Ion: 98 Resp: 268444
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.261 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010844.D
Acq: 06 Oct 2022 14:59

Tgt Ion: 95 Resp: 100247
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.9 0.0 175.8

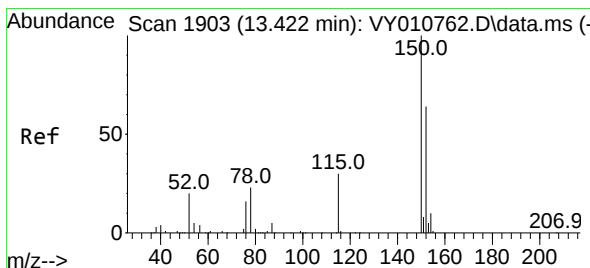
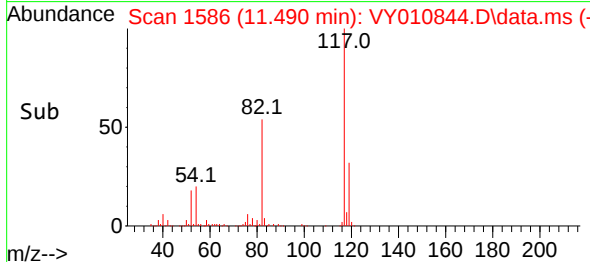
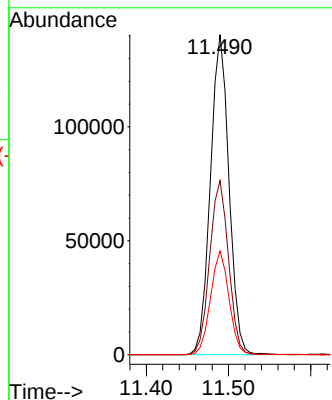
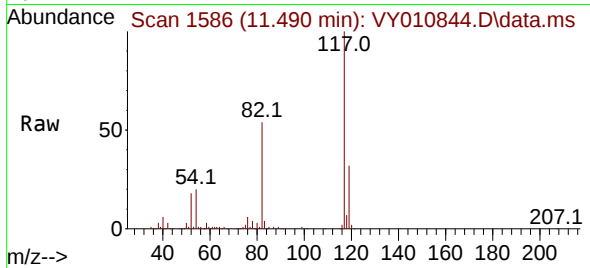




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010844.D
Acq: 06 Oct 2022 14:59

Instrument :
MSVOA_Y
ClientSampleId :
AU-5-100422

Tgt Ion:117 Resp: 220311
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.4 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: VY010844.D
Acq: 06 Oct 2022 14:59

Tgt Ion:152 Resp: 94972
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 156.6 0.0 347.6

