

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010869.D
 Acq On : 07 Oct 2022 14:12
 Operator : KP/MD
 Sample : N5046-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-5

Quant Time: Oct 08 04:46:59 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	329804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	575851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	508496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	224354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	171709	51.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.720%
35) Dibromofluoromethane	7.716	113	183128	47.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.820%
50) Toluene-d8	10.179	98	560627	42.885	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.780%
62) 4-Bromofluorobenzene	12.477	95	224330	43.441	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.880%

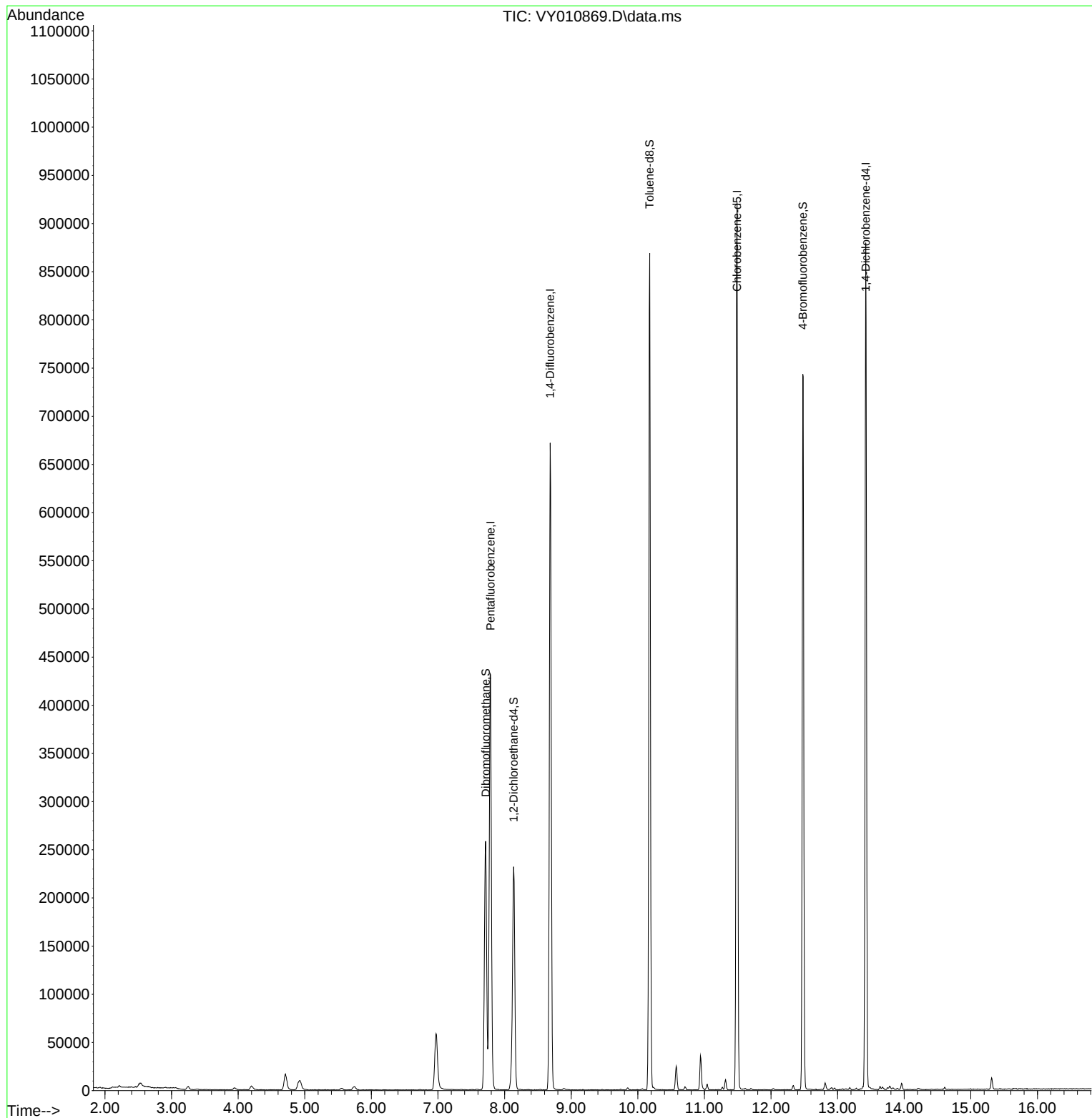
Target Compounds	Qvalue

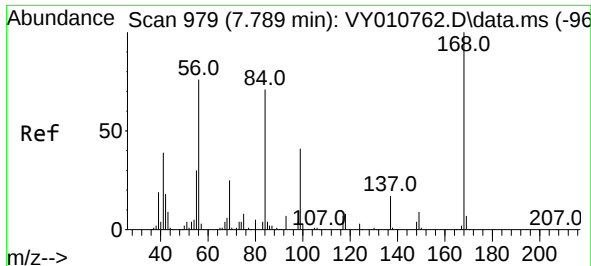
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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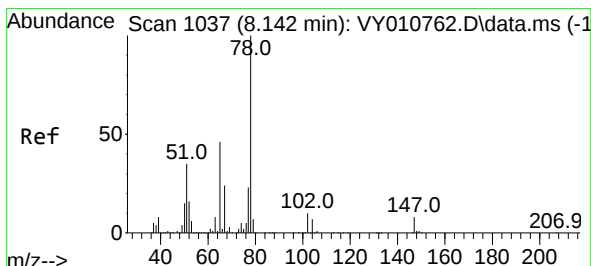
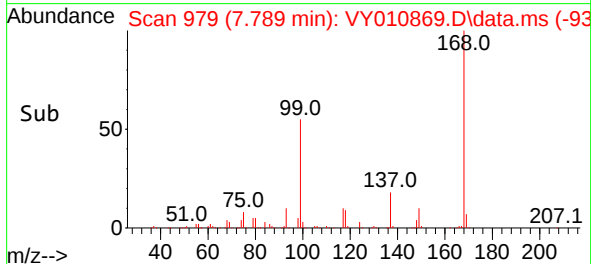
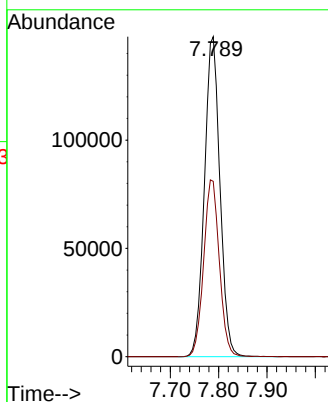
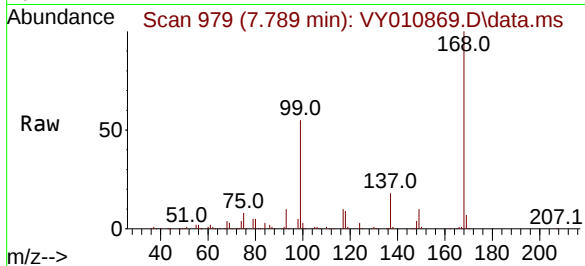




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010869.D
Acq: 07 Oct 2022 14:12

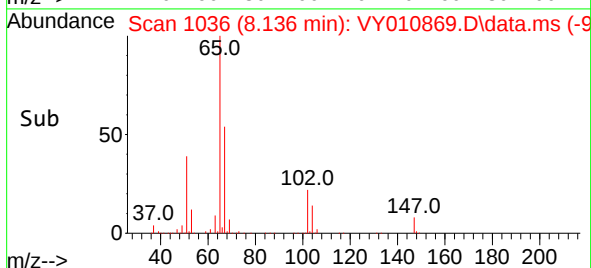
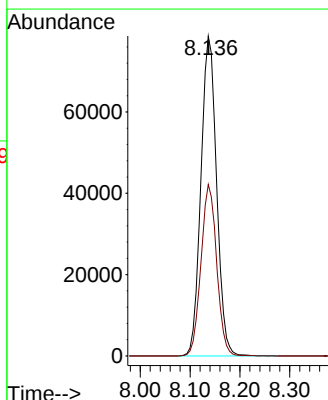
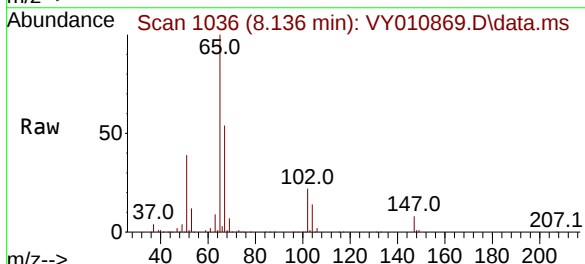
Instrument :
MSVOA_Y
ClientSampleId :
R-5

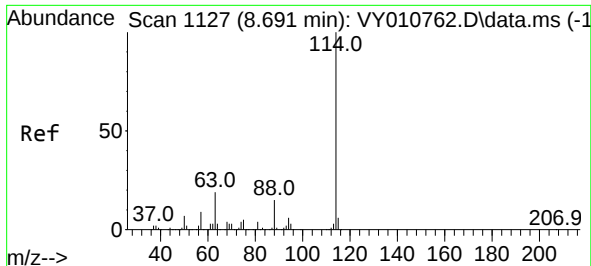
Tgt Ion:168 Resp: 329804
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.364 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010869.D
Acq: 07 Oct 2022 14:12

Tgt Ion: 65 Resp: 171709
Ion Ratio Lower Upper
65 100
67 53.6 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: VY010869.D

Acq: 07 Oct 2022 14:12

Instrument :

MSVOA_Y

ClientSampleId :

R-5

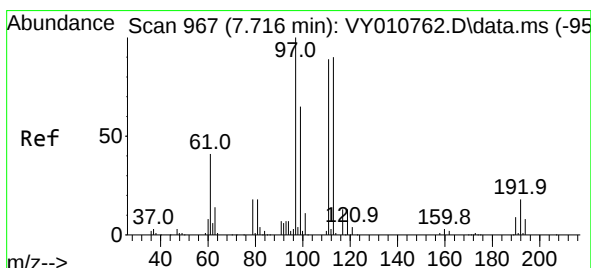
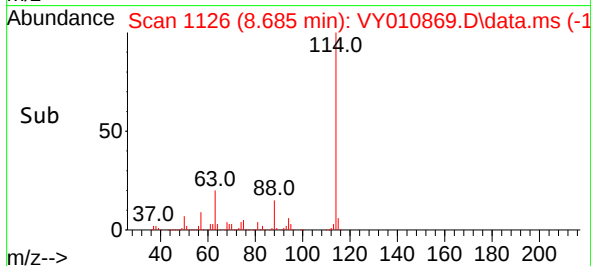
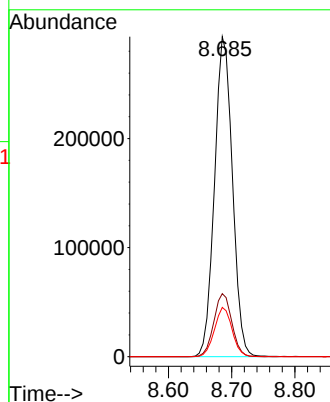
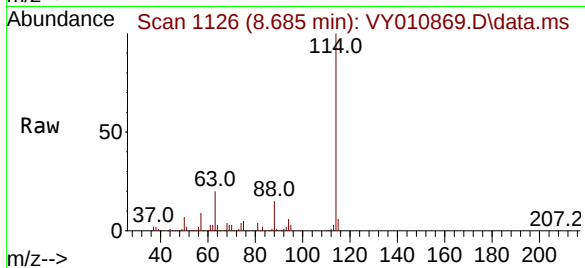
Tgt Ion:114 Resp: 575851

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.907 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010869.D

Acq: 07 Oct 2022 14:12

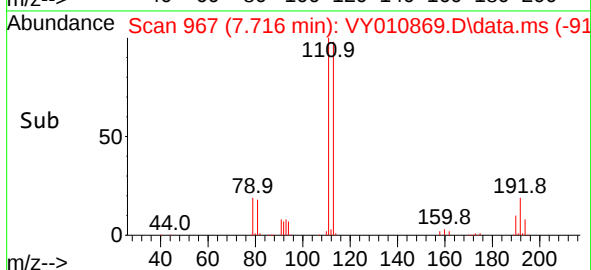
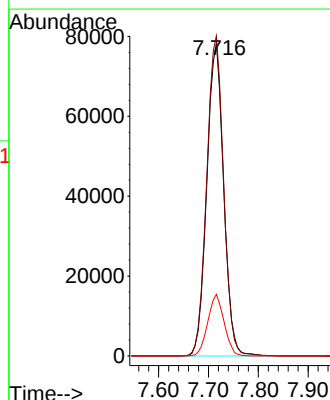
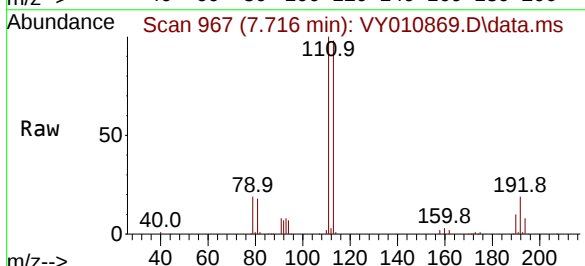
Tgt Ion:113 Resp: 183128

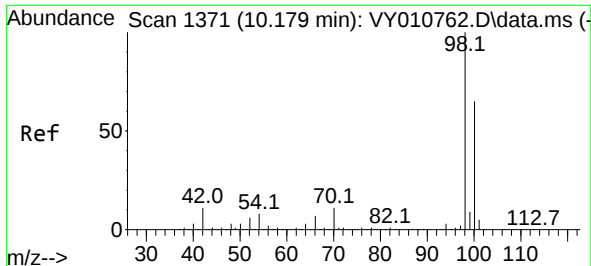
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.2 17.6 26.4

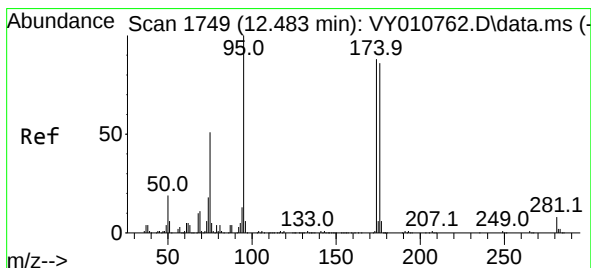
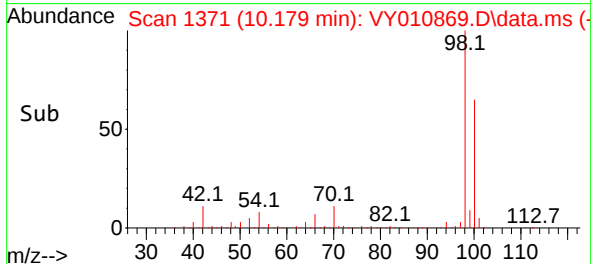
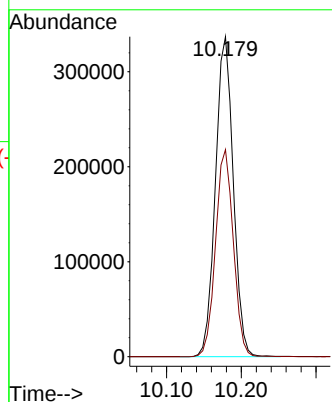
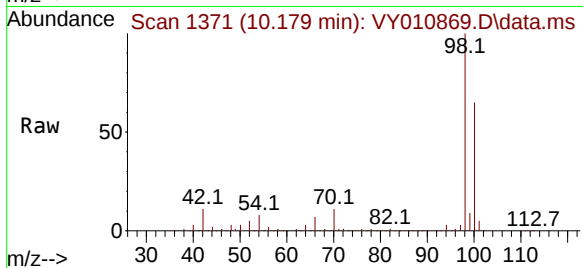




#50
Toluene-d8
Concen: 42.885 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010869.D
Acq: 07 Oct 2022 14:12

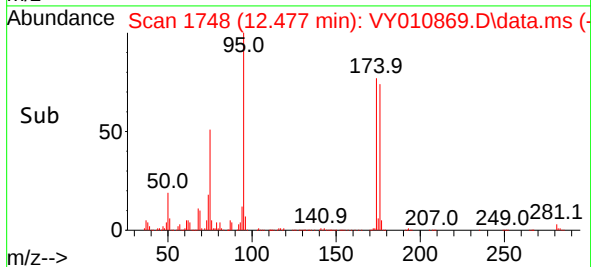
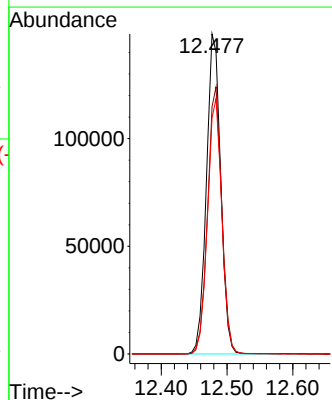
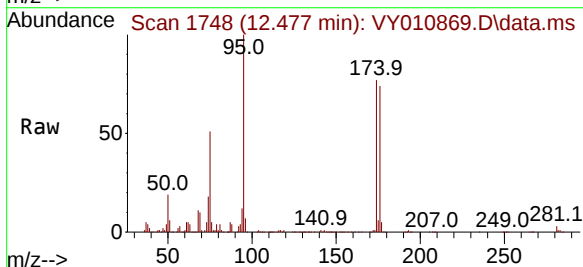
Instrument :
MSVOA_Y
ClientSampleId :
R-5

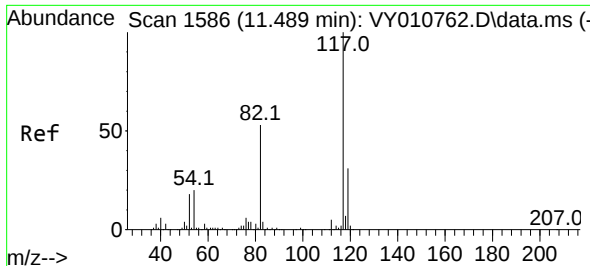
Tgt Ion: 98 Resp: 560627
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.441 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010869.D
Acq: 07 Oct 2022 14:12

Tgt Ion: 95 Resp: 224330
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 79.6 0.0 175.8

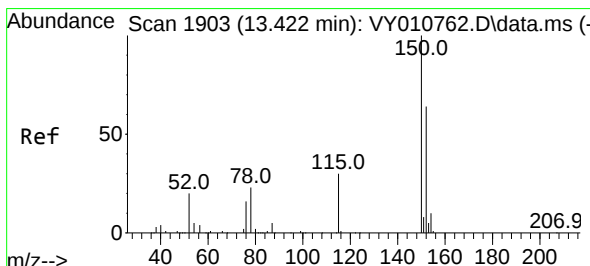
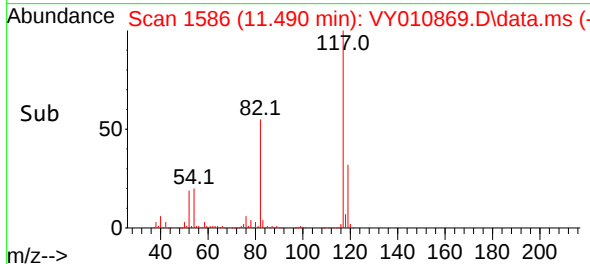
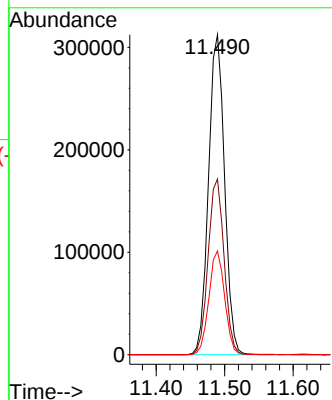
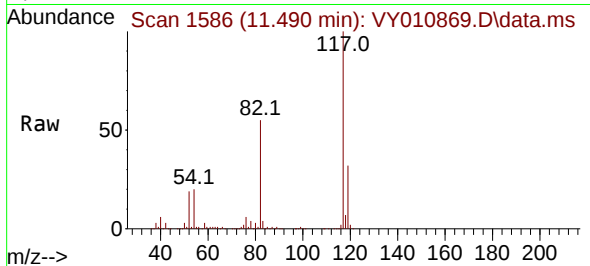




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010869.D
Acq: 07 Oct 2022 14:12

Instrument :
MSVOA_Y
ClientSampleId :
R-5

Tgt Ion:117 Resp: 508496
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.4 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: VY010869.D
Acq: 07 Oct 2022 14:12

Tgt Ion:152 Resp: 224354
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 156.7 0.0 347.6

