

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011097.D
 Acq On : 25 Oct 2022 16:27
 Operator : KP/MD
 Sample : N5256-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-H1-14.5-15.0RE

Quant Time: Oct 26 09:00:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	337309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	598302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	535120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	240410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136766	44.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.040%
35) Dibromofluoromethane	7.716	113	141419	42.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.120%
50) Toluene-d8	10.179	98	470300	37.646	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.300%
62) 4-Bromofluorobenzene	12.477	95	165644	36.609	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.220%

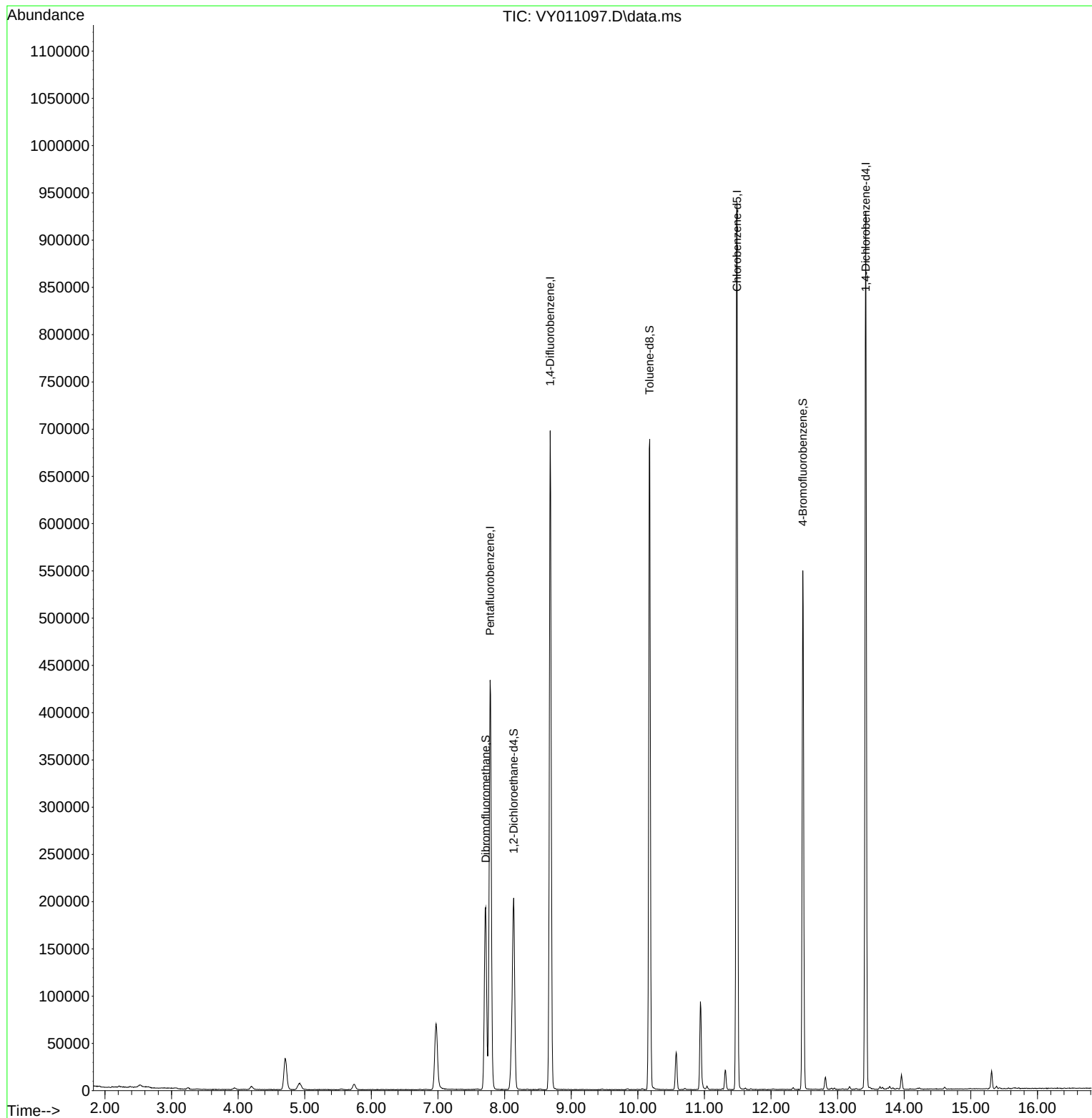
Target Compounds	Qvalue

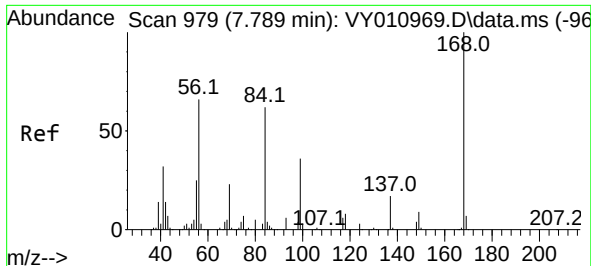
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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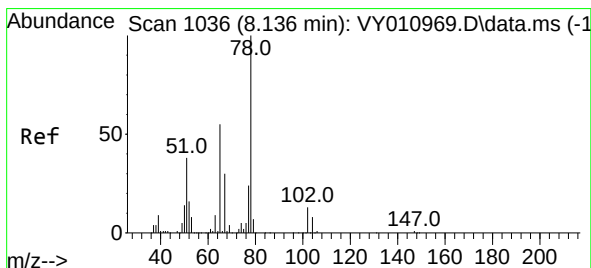
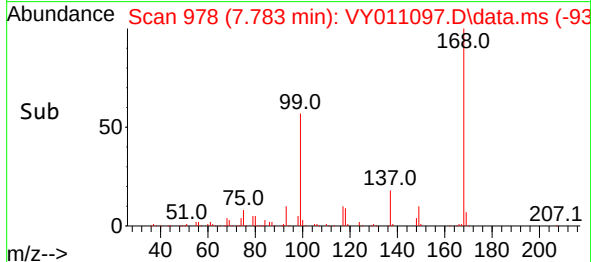
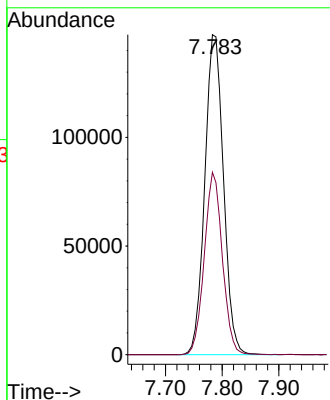
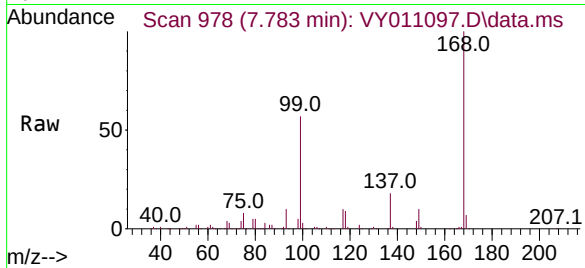




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011097.D
Acq: 25 Oct 2022 16:27

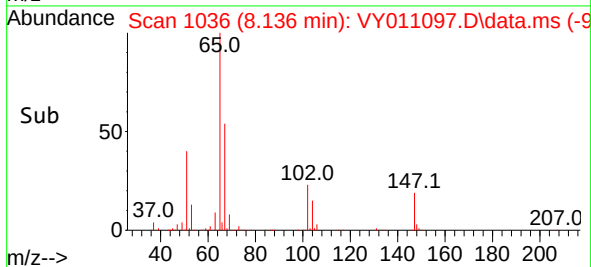
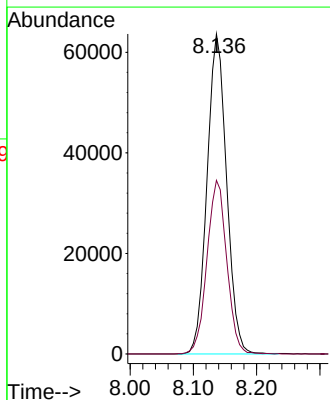
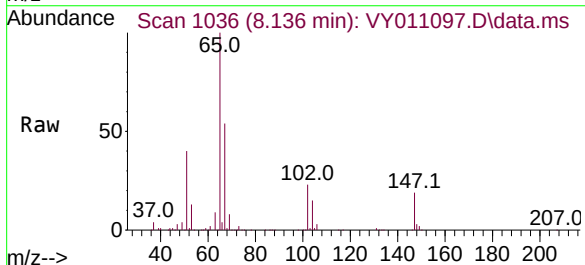
Instrument :
MSVOA_Y
ClientSampleId :
SB-H1-14.5-15.0RE

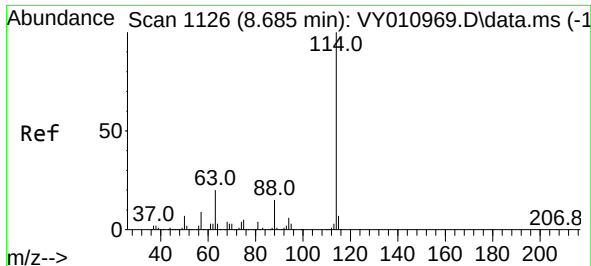
Tgt Ion:168 Resp: 337309
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.017 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011097.D
Acq: 25 Oct 2022 16:27

Tgt Ion: 65 Resp: 136766
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011097.D

Acq: 25 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-H1-14.5-15.0RE

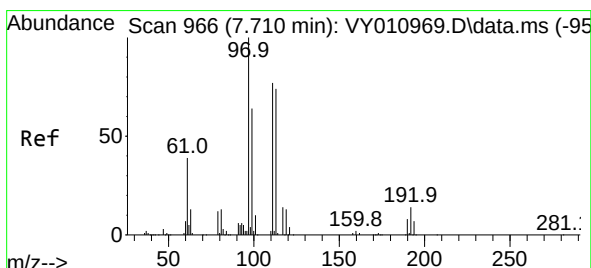
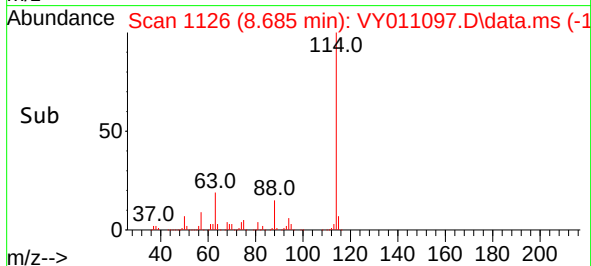
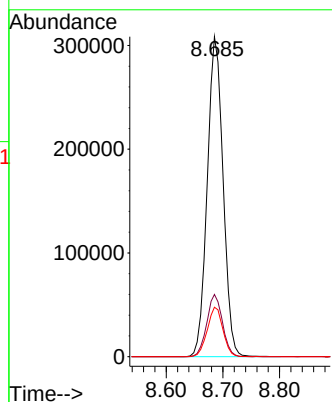
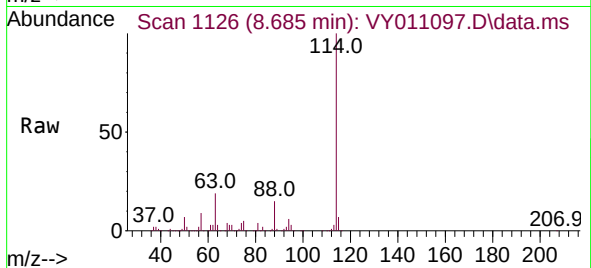
Tgt Ion:114 Resp: 598302

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.061 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011097.D

Acq: 25 Oct 2022 16:27

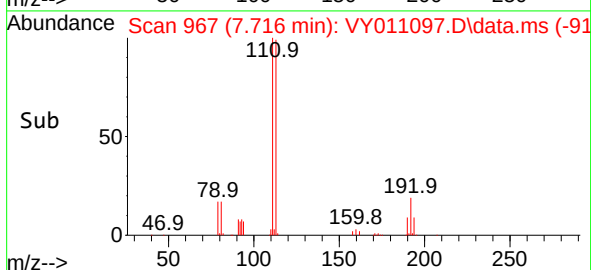
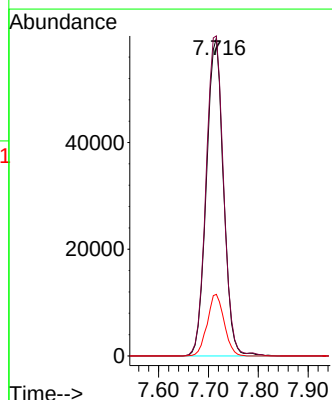
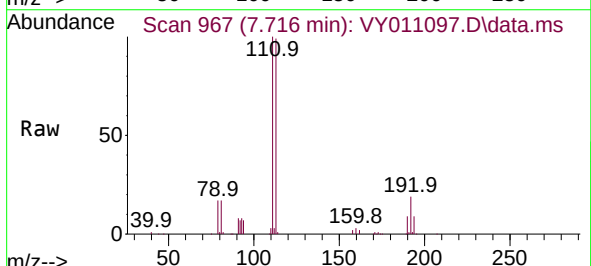
Tgt Ion:113 Resp: 141419

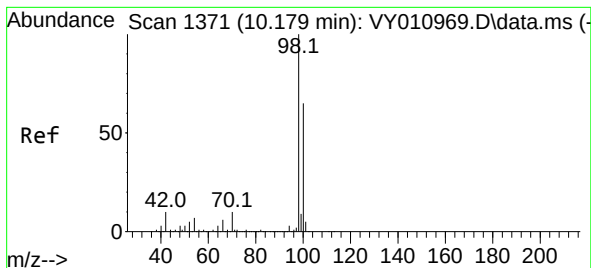
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.3 17.6 26.4





#50

Toluene-d8

Concen: 37.646 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011097.D

Acq: 25 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

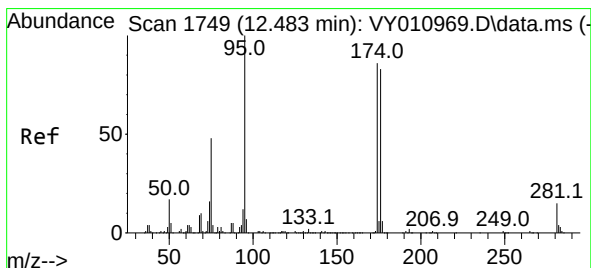
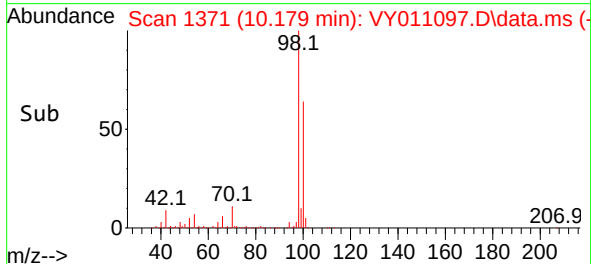
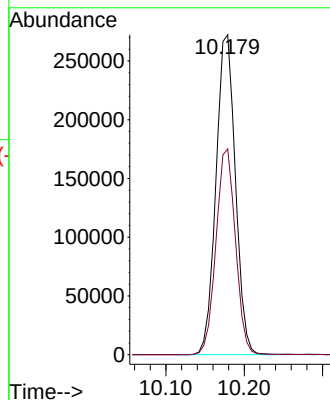
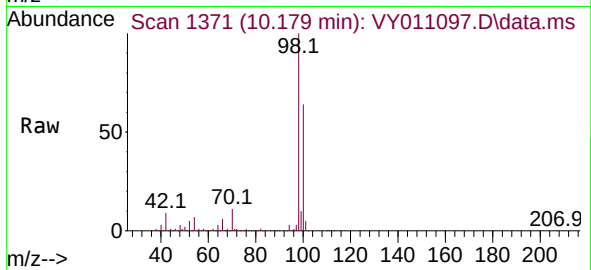
SB-H1-14.5-15.0RE

Tgt Ion: 98 Resp: 470300

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 36.609 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011097.D

Acq: 25 Oct 2022 16:27

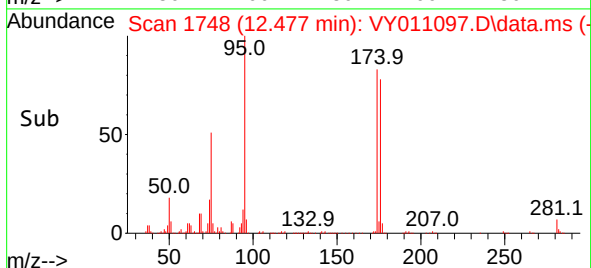
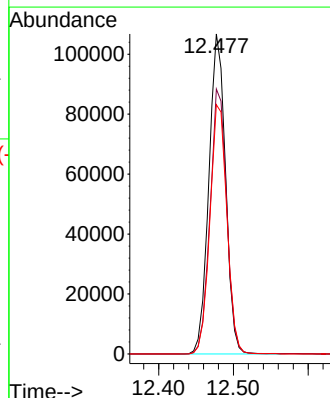
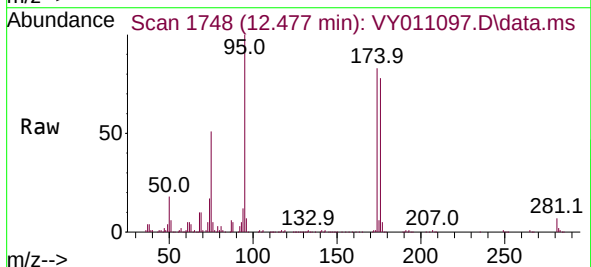
Tgt Ion: 95 Resp: 165644

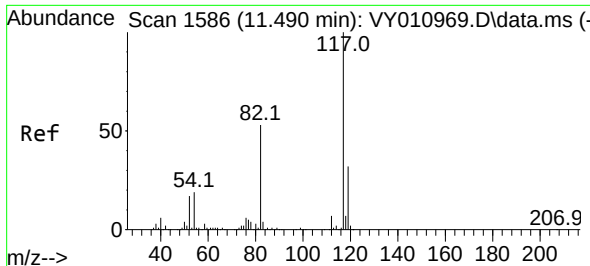
Ion Ratio Lower Upper

95 100

174 82.8 0.0 177.0

176 79.5 0.0 175.8

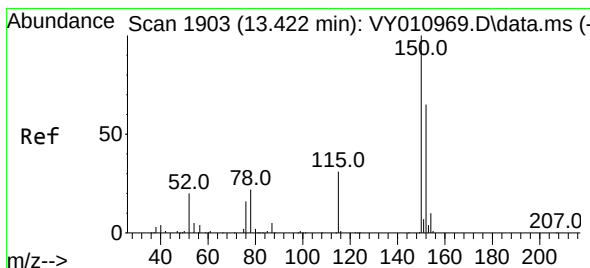
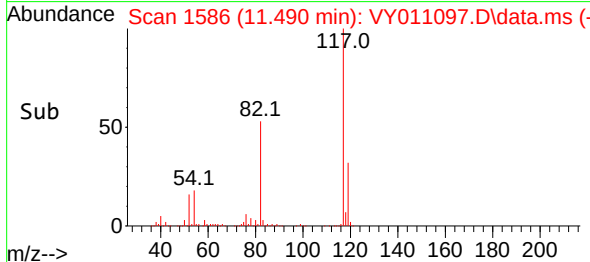
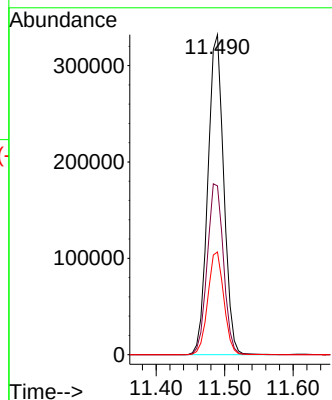
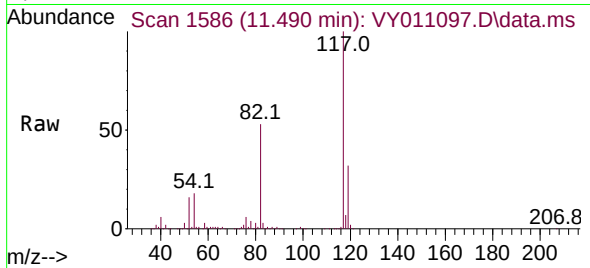




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011097.D
Acq: 25 Oct 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-H1-14.5-15.0RE

Tgt Ion:117 Resp: 535120
Ion Ratio Lower Upper
117 100
82 52.8 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: VY011097.D
Acq: 25 Oct 2022 16:27

Tgt Ion:152 Resp: 240410
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.2 0.0 347.6

