

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010659.D
 Acq On : 23 Sep 2022 19:17
 Operator : KP/MD
 Sample : N4780-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Sep 24 01:24:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	150557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	324478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76322	53.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.000%
35) Dibromofluoromethane	7.716	113	69964	36.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.520%
50) Toluene-d8	10.179	98	261830	38.022	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.040%
62) 4-Bromofluorobenzene	12.483	95	86352	32.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.220%

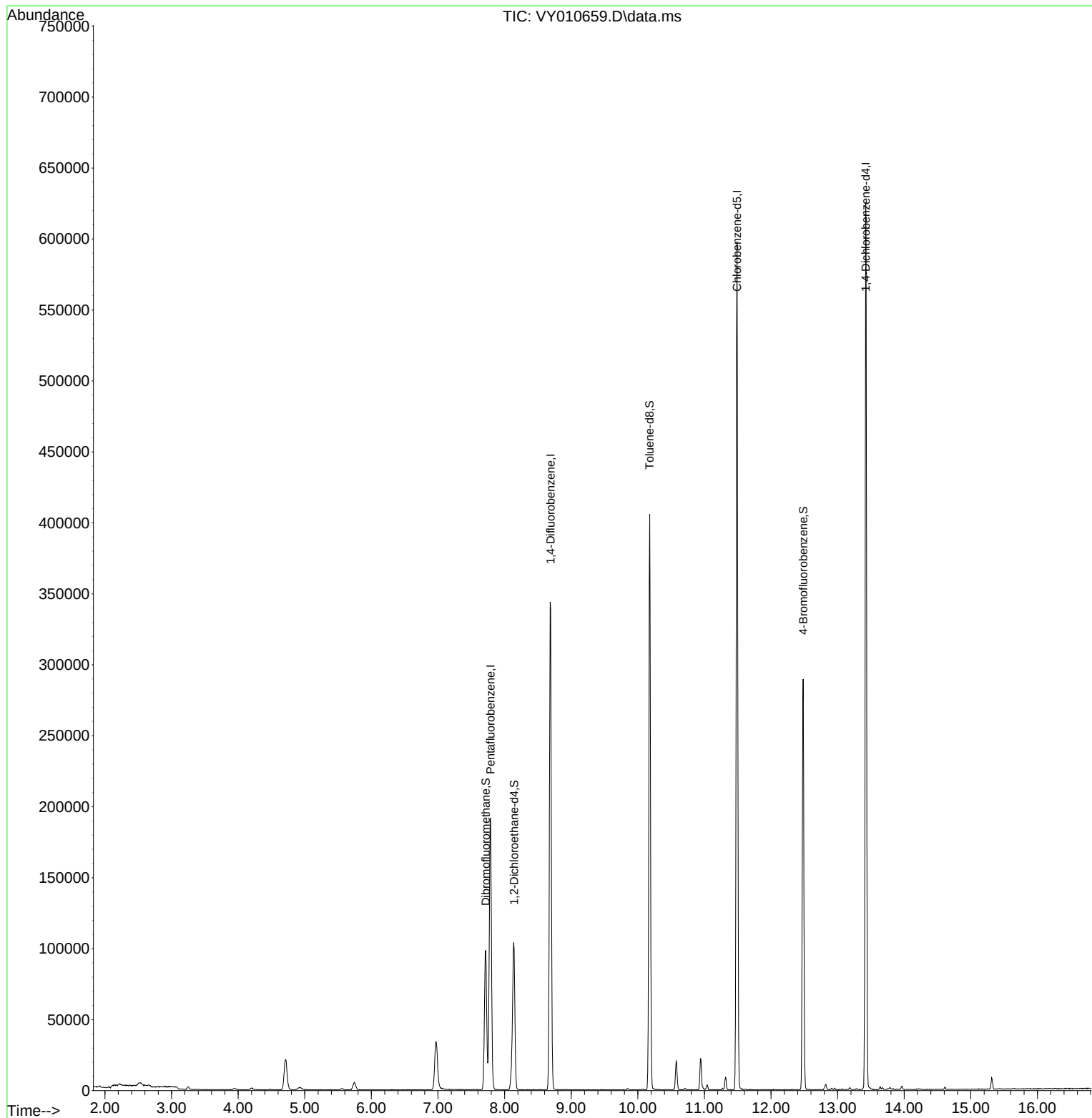
Target Compounds	Qvalue

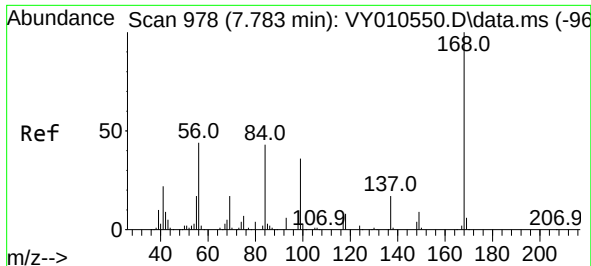
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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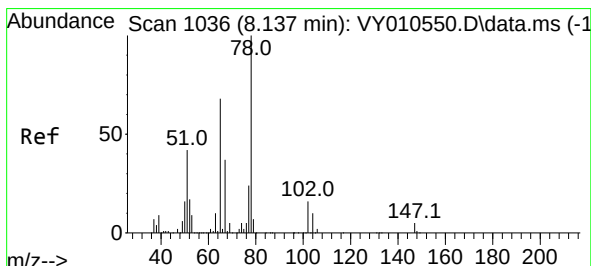
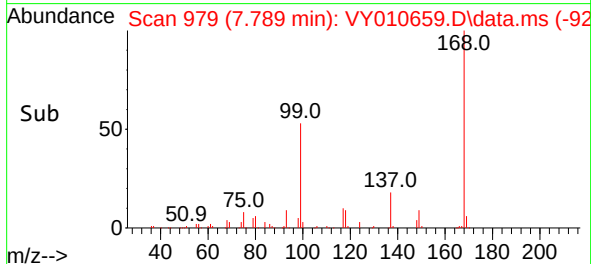
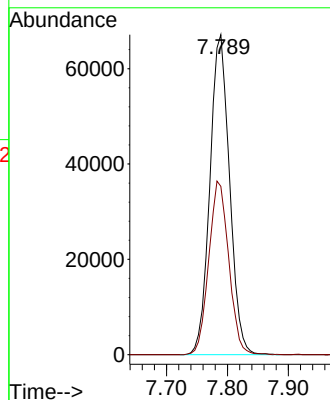
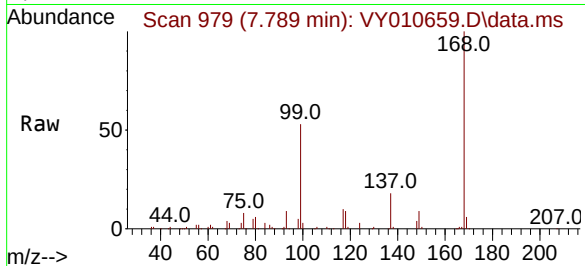




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010659.D
Acq: 23 Sep 2022 19:17

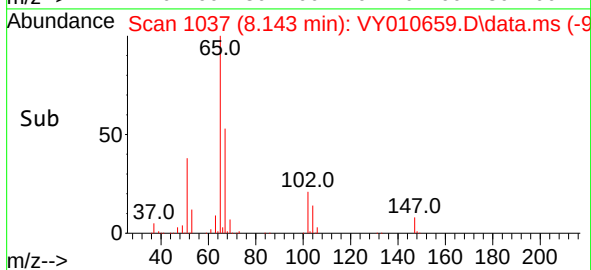
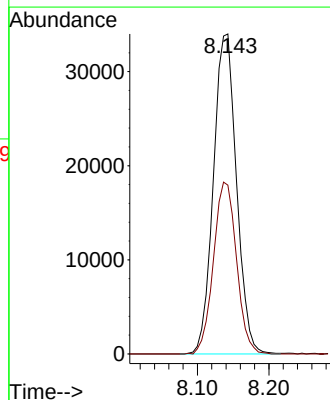
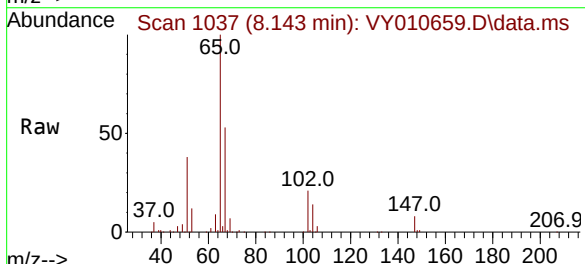
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

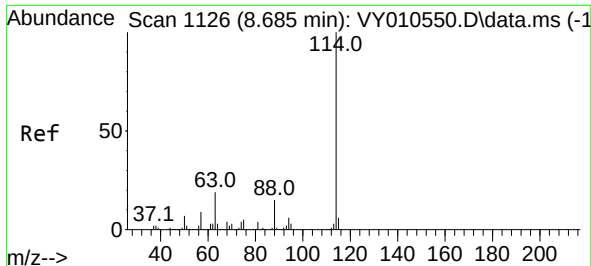
Tgt Ion:168 Resp: 150557
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.000 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010659.D
Acq: 23 Sep 2022 19:17

Tgt Ion: 65 Resp: 76322
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010659.D

Acq: 23 Sep 2022 19:17

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

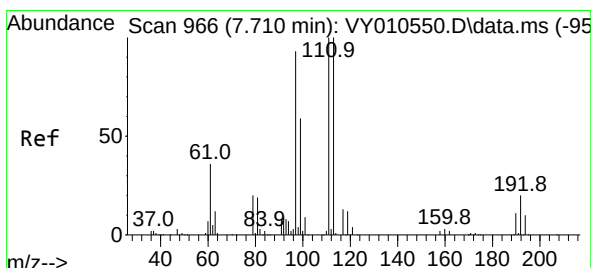
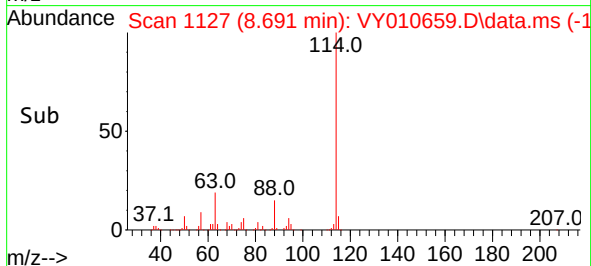
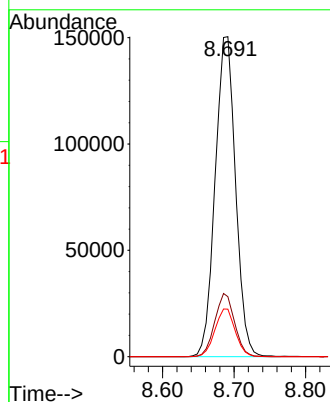
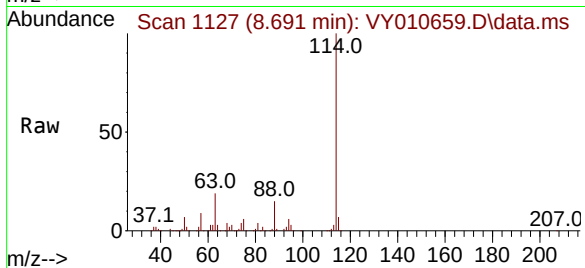
Tgt Ion:114 Resp: 298215

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.761 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010659.D

Acq: 23 Sep 2022 19:17

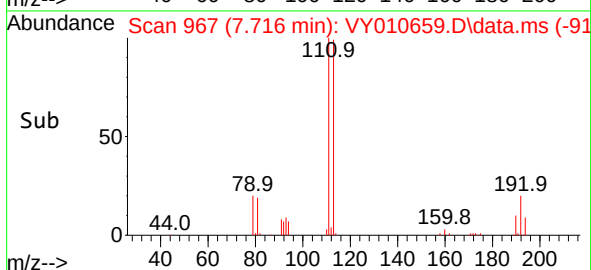
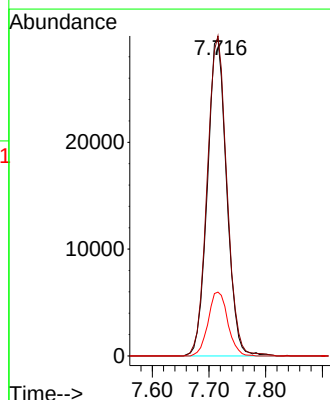
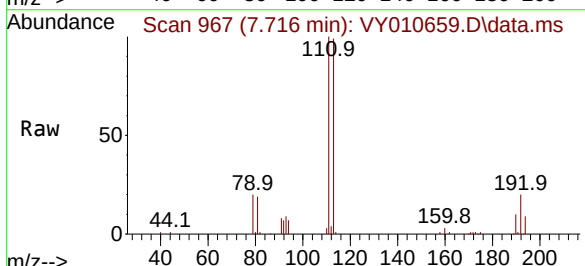
Tgt Ion:113 Resp: 69964

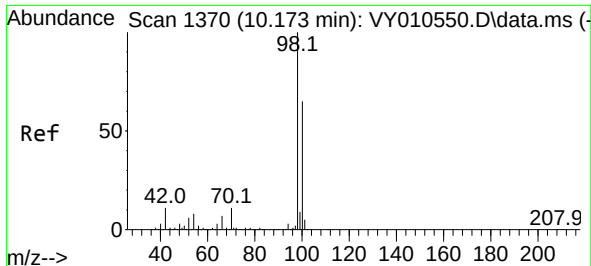
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.5 17.6 26.4

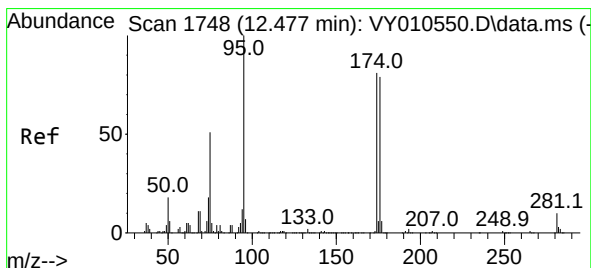
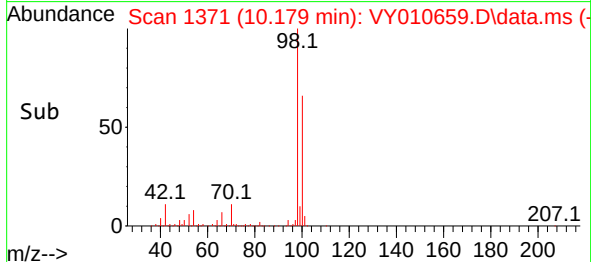
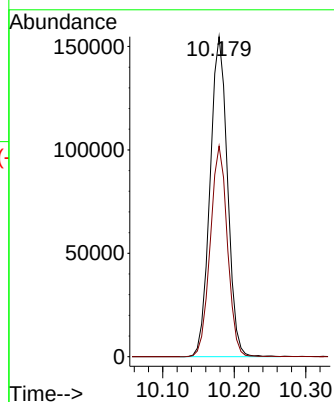
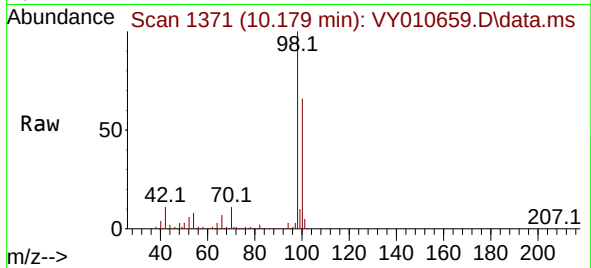




#50
Toluene-d8
Concen: 38.022 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010659.D
Acq: 23 Sep 2022 19:17

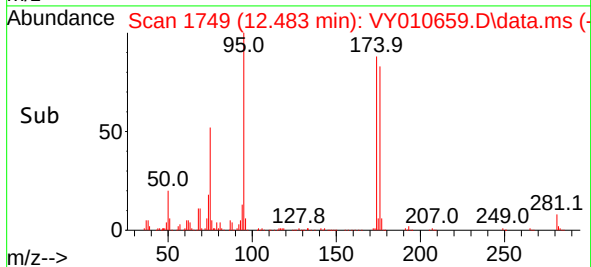
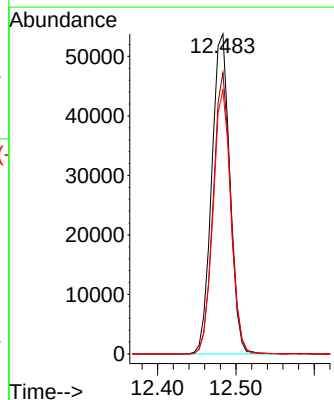
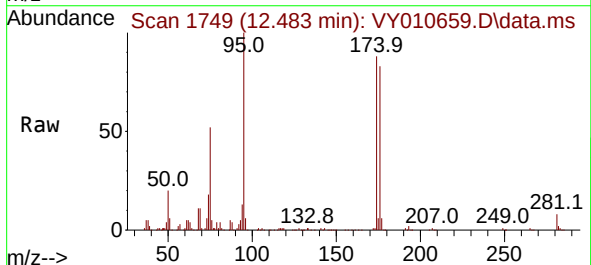
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

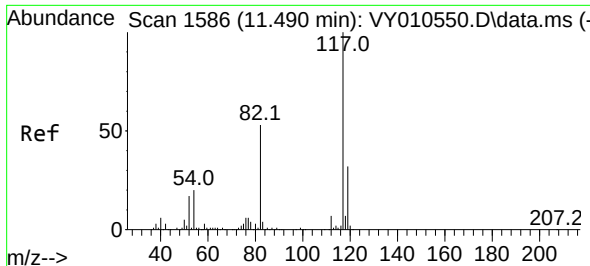
Tgt Ion: 98 Resp: 261830
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.113 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010659.D
Acq: 23 Sep 2022 19:17

Tgt Ion: 95 Resp: 86352
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 81.3 0.0 175.8

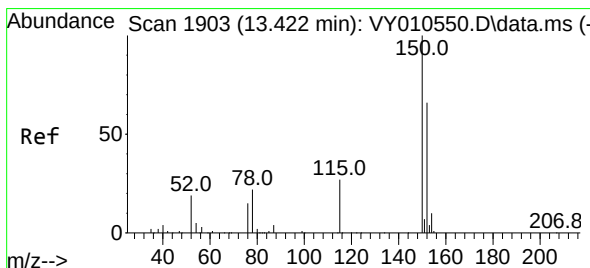
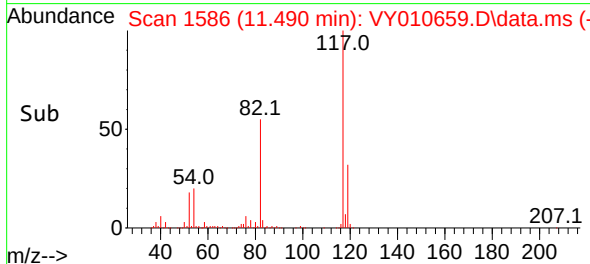
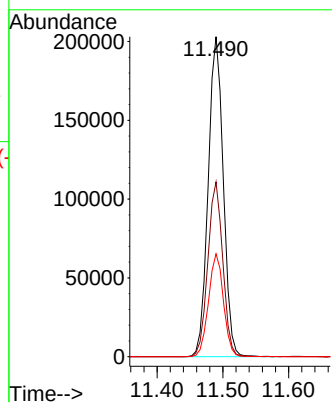
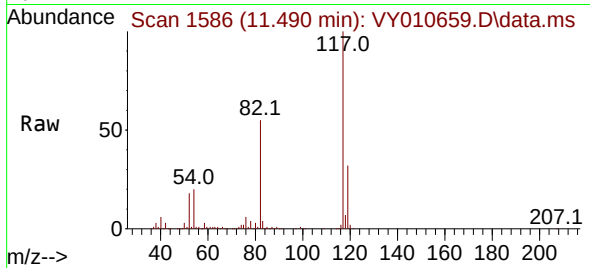




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010659.D
Acq: 23 Sep 2022 19:17

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tgt Ion:117 Resp: 324478
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.2 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: VY010659.D
Acq: 23 Sep 2022 19:17

Tgt Ion:152 Resp: 154804
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.1 0.0 347.6

