

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010958.D
 Acq On : 13 Oct 2022 14:57
 Operator : KP/MD
 Sample : N5105-05
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5

Quant Time: Oct 14 02:11:29 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	203524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143054	69.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.680%
35) Dibromofluoromethane	7.716	113	138889	59.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.060%
50) Toluene-d8	10.179	98	491119	61.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.120%
62) 4-Bromofluorobenzene	12.477	95	158915	51.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.120%

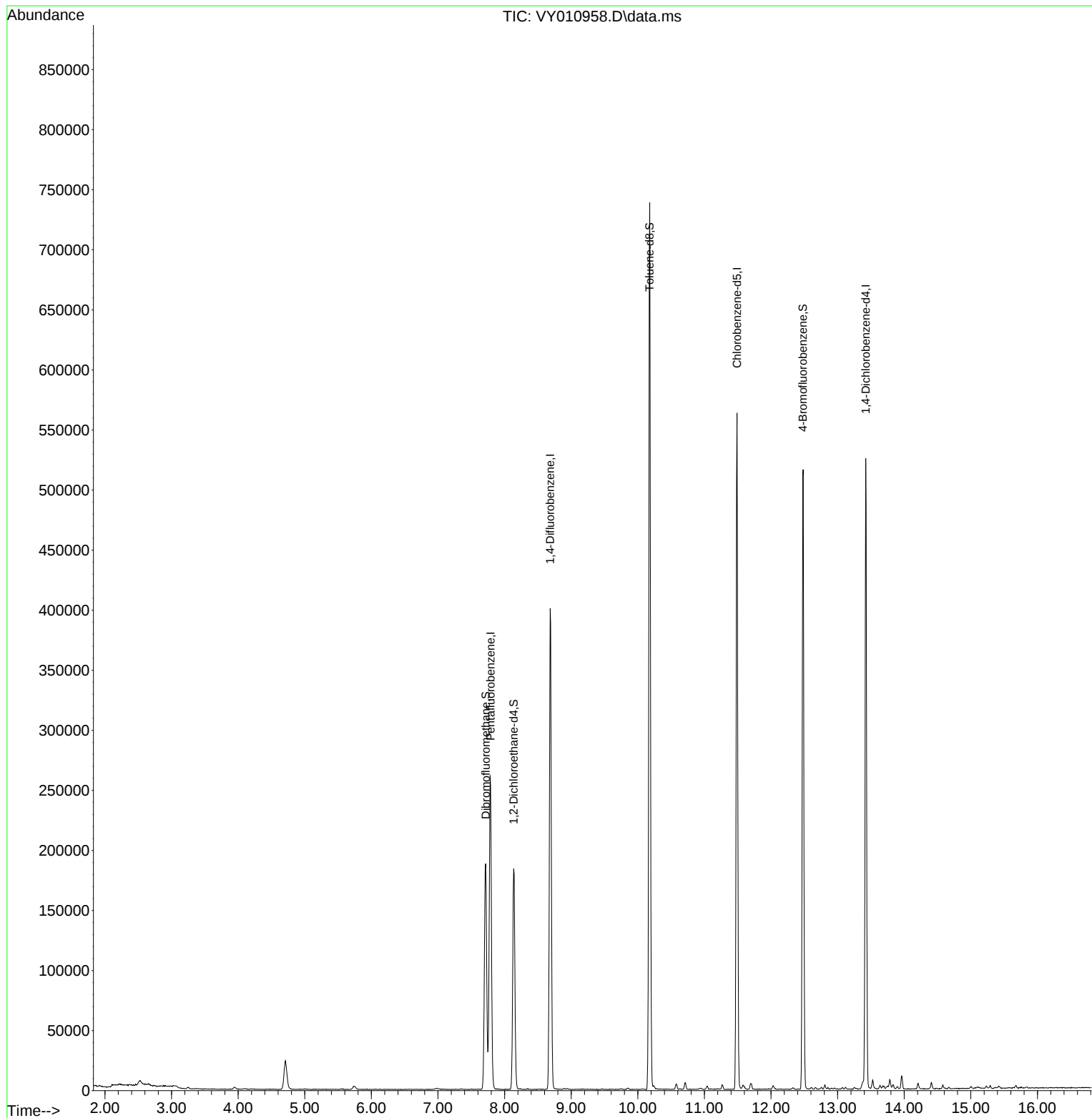
Target Compounds	Qvalue

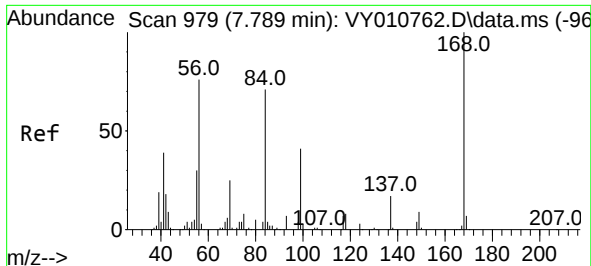
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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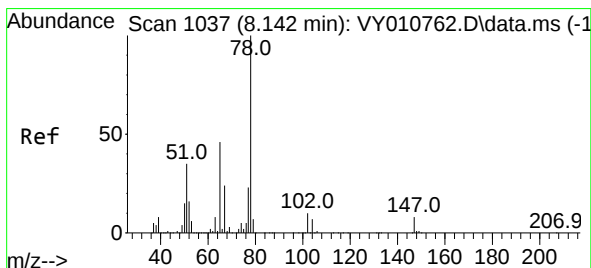
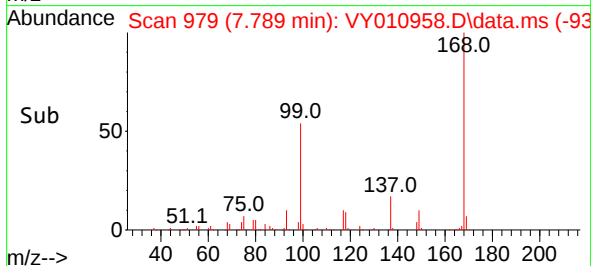
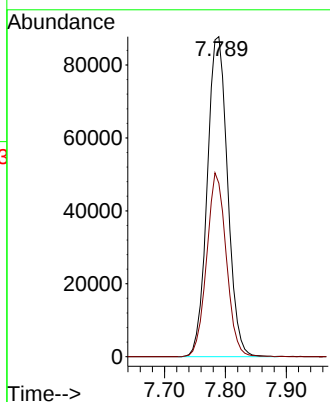
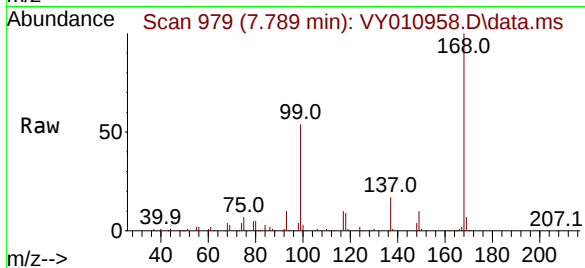




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

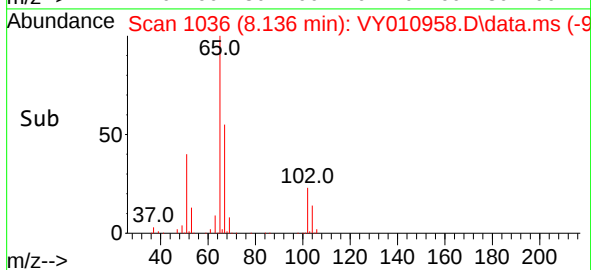
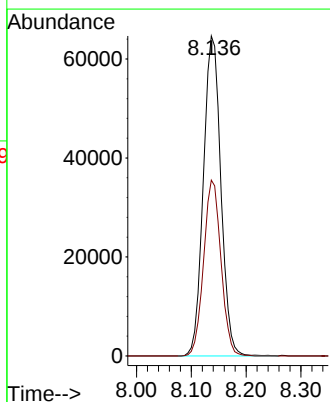
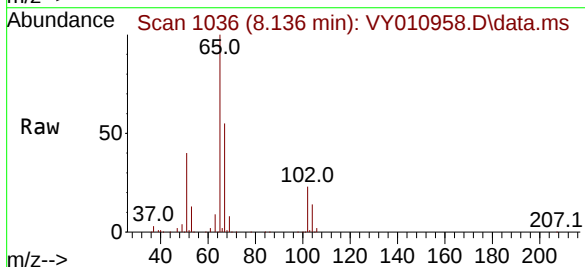
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

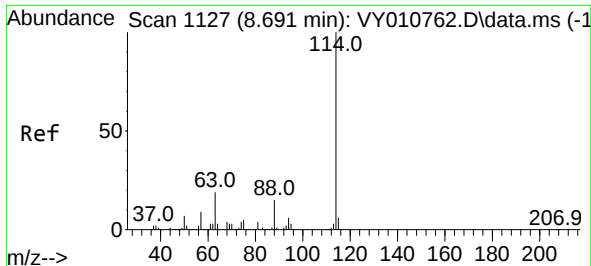
Tgt Ion:168 Resp: 203524
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.344 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 65 Resp: 143054
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: VY010958.D

Acq: 13 Oct 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

WC-5

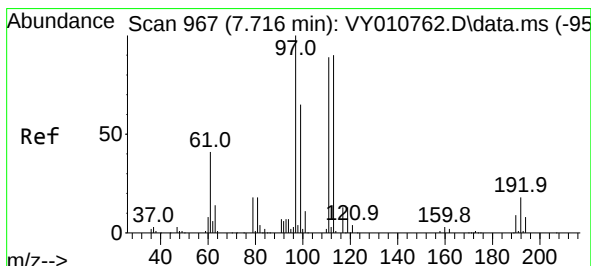
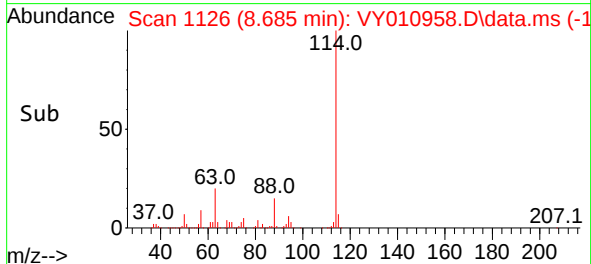
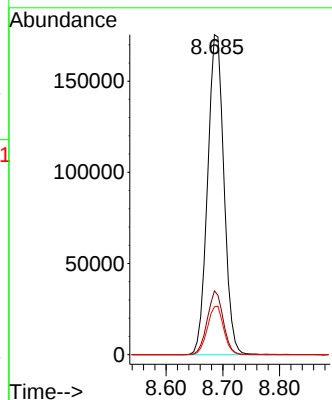
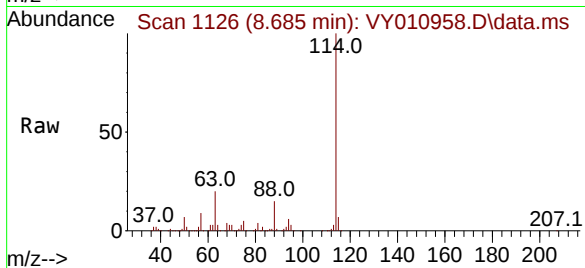
Tgt Ion:114 Resp: 351445

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.535 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010958.D

Acq: 13 Oct 2022 14:57

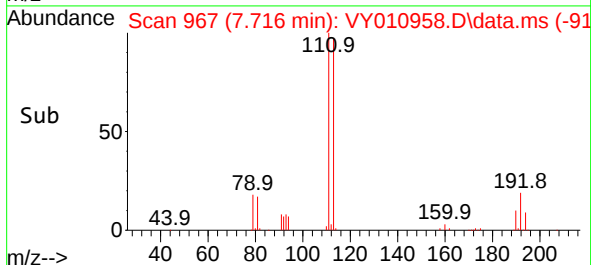
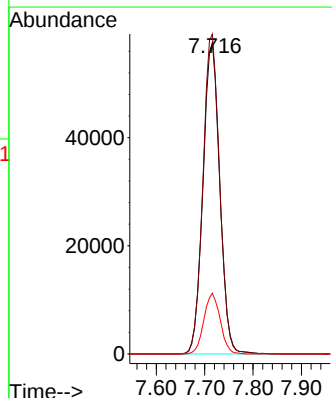
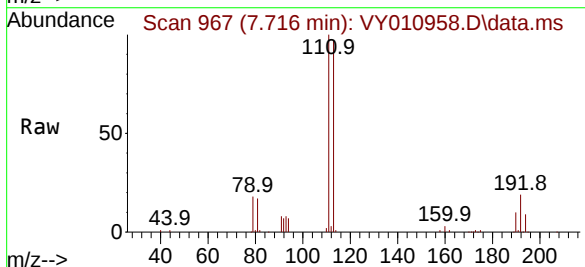
Tgt Ion:113 Resp: 138889

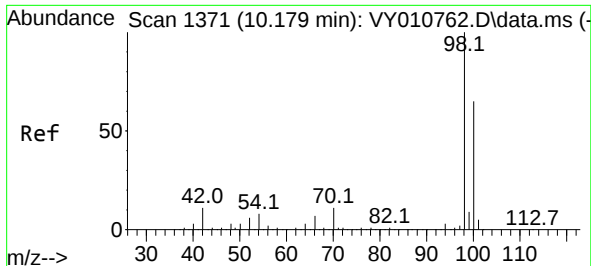
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.0 17.6 26.4

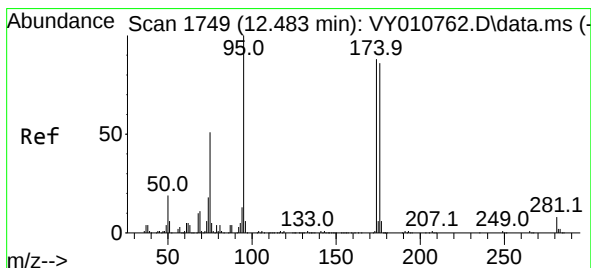
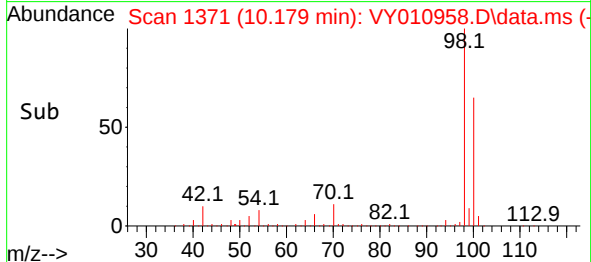
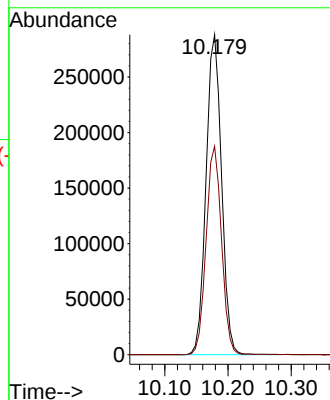
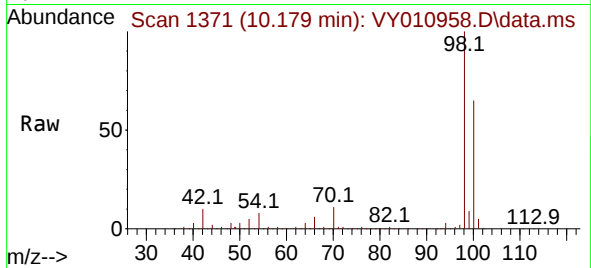




#50
Toluene-d8
Concen: 61.557 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

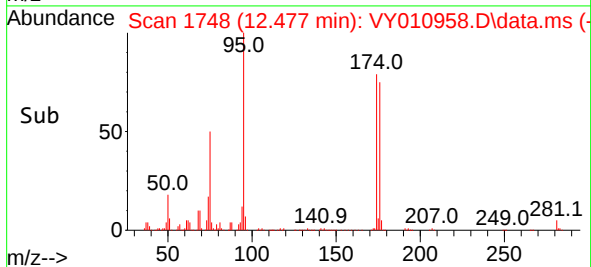
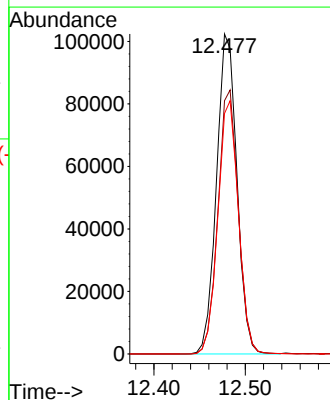
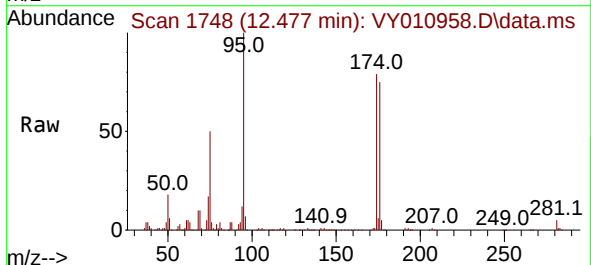
Instrument :
MSVOA_Y
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WC-5

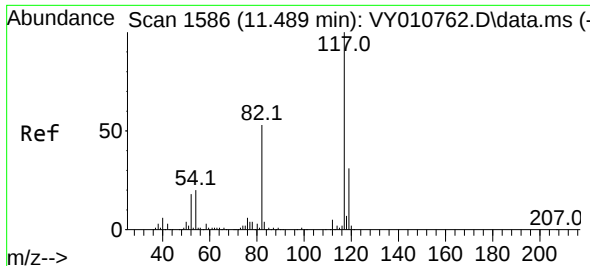
Tgt Ion: 98 Resp: 491119
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.061 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 95 Resp: 158915
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.7 0.0 175.8

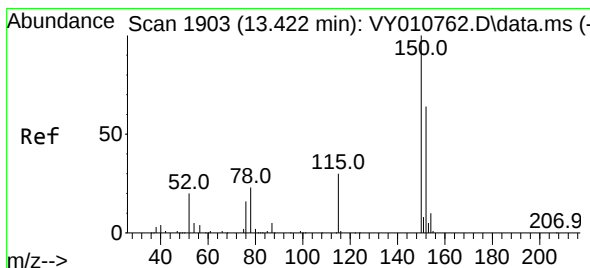
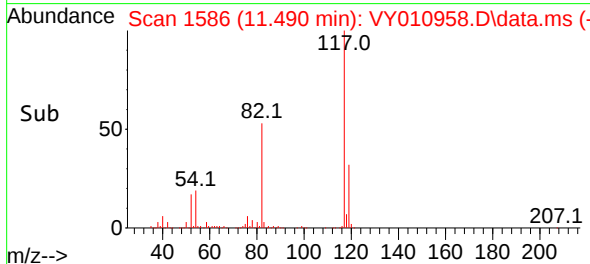
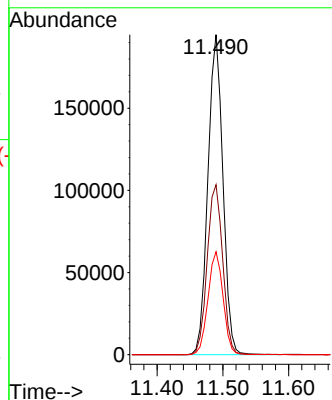
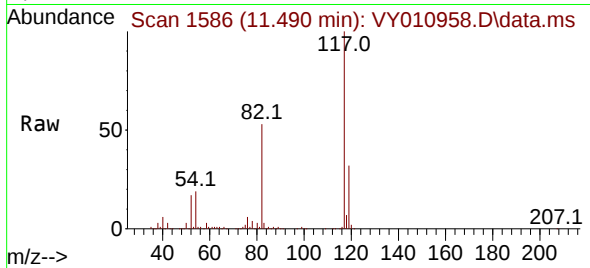




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :
WC-5

Tgt Ion:117 Resp: 308901
Ion Ratio Lower Upper
117 100
82 53.1 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: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion:152 Resp: 135793
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.4 0.0 347.6

