

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011232.D
 Acq On : 01 Nov 2022 19:06
 Operator : KP/MD
 Sample : N5341-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Nov 02 01:43:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	244954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	426392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	168723	64.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.800%
35) Dibromofluoromethane	7.716	113	175301	63.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.980%
50) Toluene-d8	10.179	98	631420	59.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.720%
62) 4-Bromofluorobenzene	12.477	95	212431	57.529	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.060%

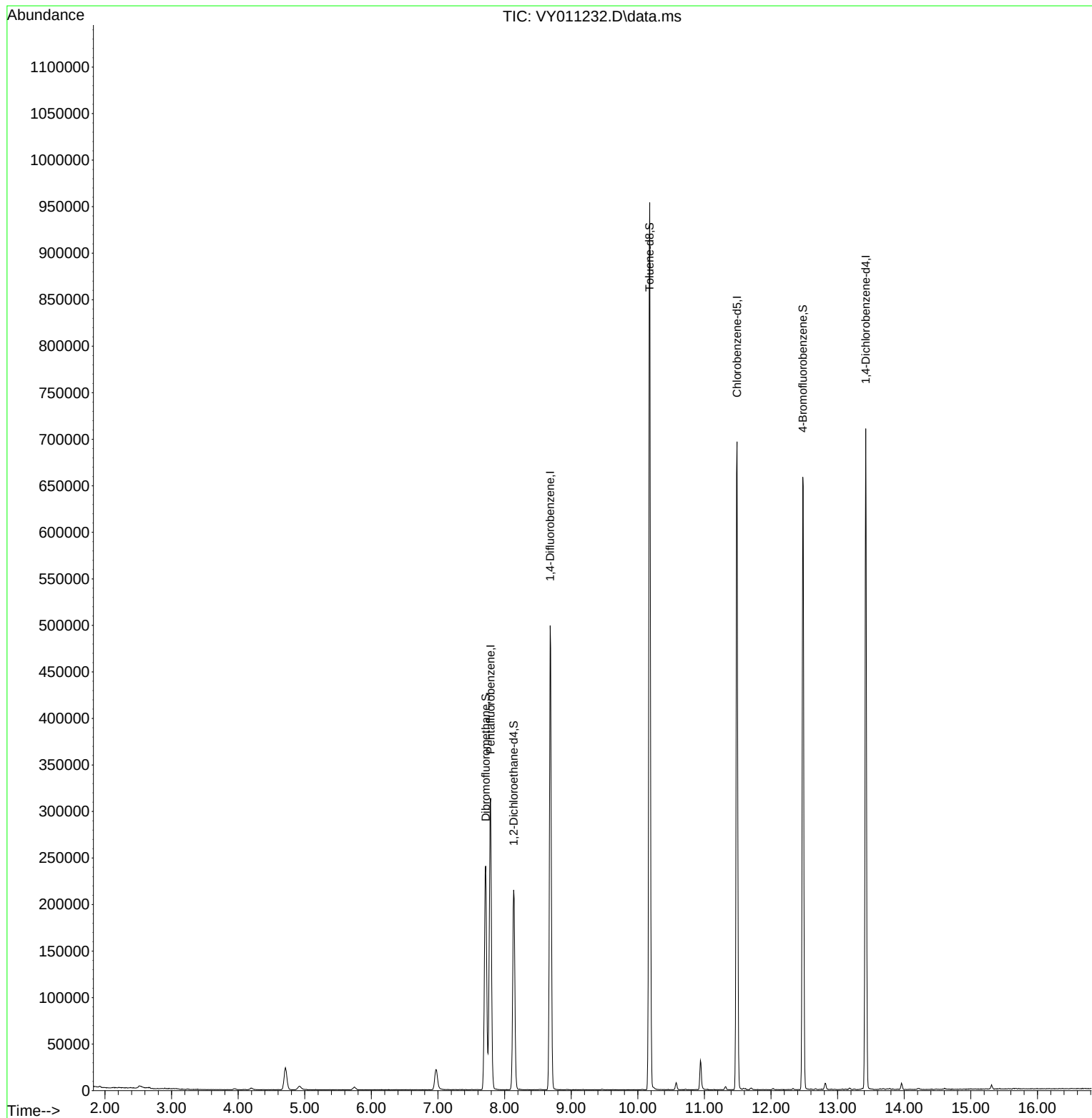
Target Compounds	Qvalue

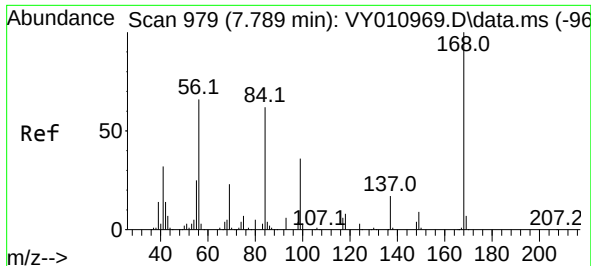
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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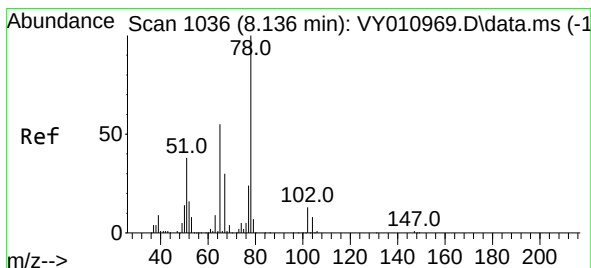
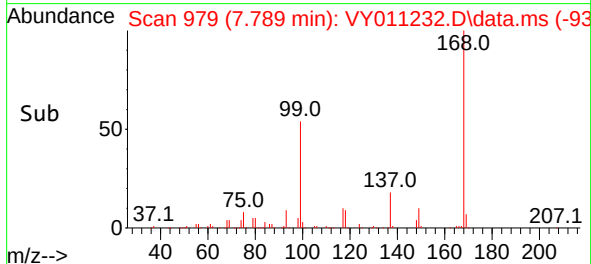
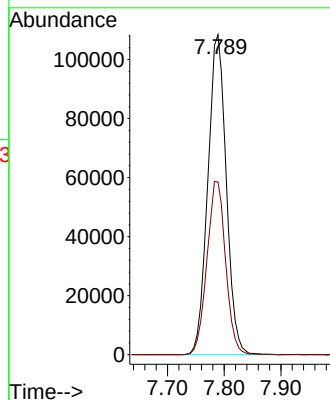
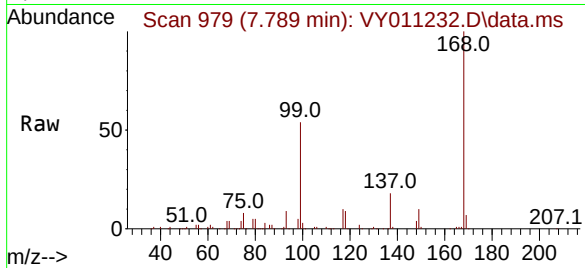




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

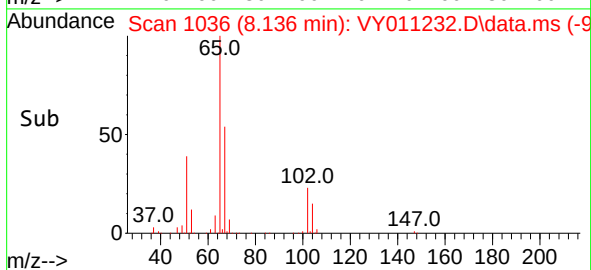
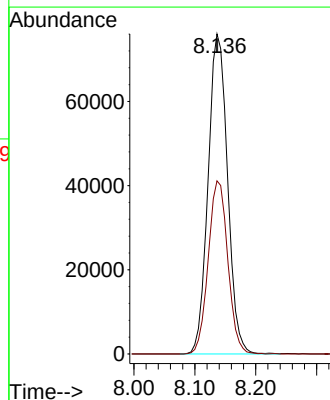
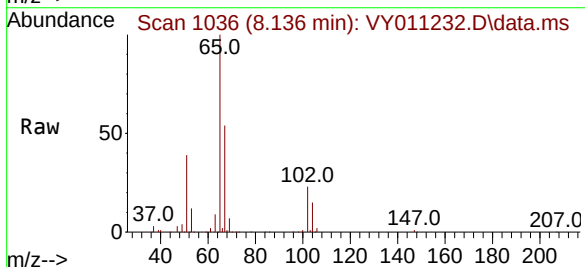
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

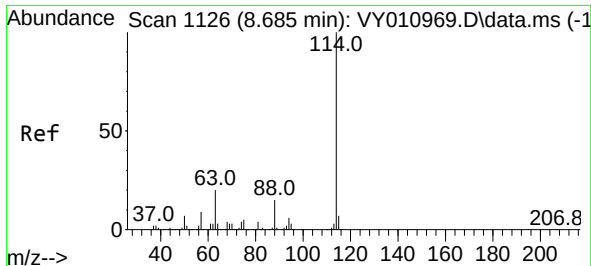
Tgt Ion:168 Resp: 244954
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.403 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

Tgt Ion: 65 Resp: 168723
Ion Ratio Lower Upper
65 100
67 54.3 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: VY011232.D

Acq: 01 Nov 2022 19:06

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

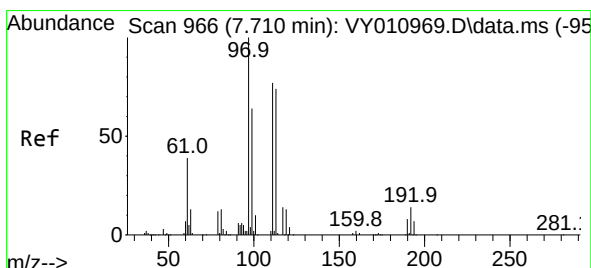
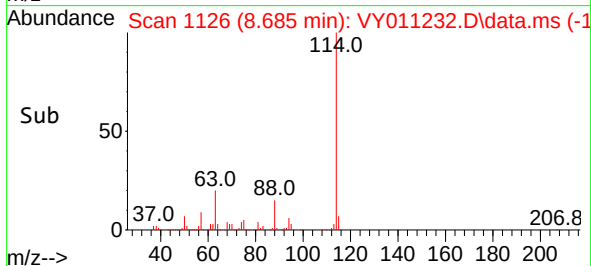
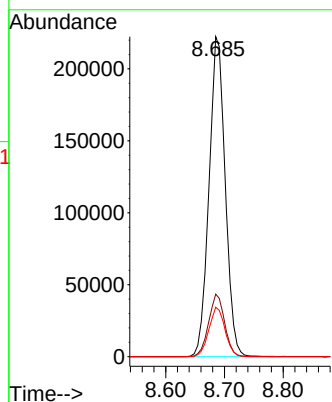
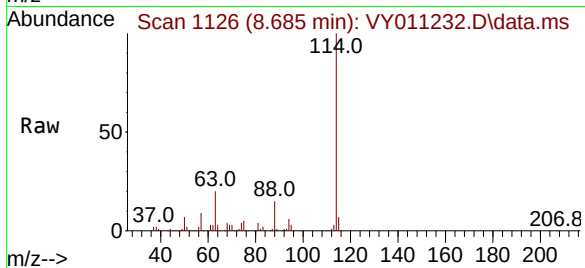
Tgt Ion:114 Resp: 426392

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 63.989 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011232.D

Acq: 01 Nov 2022 19:06

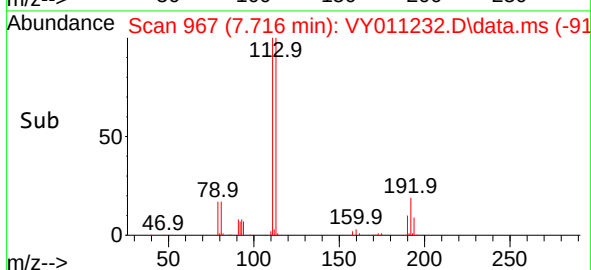
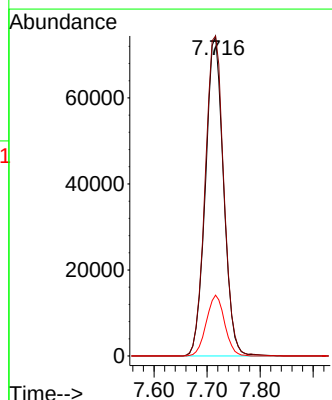
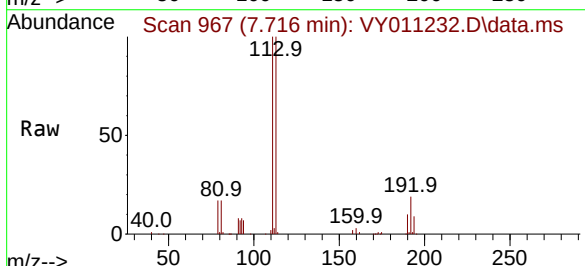
Tgt Ion:113 Resp: 175301

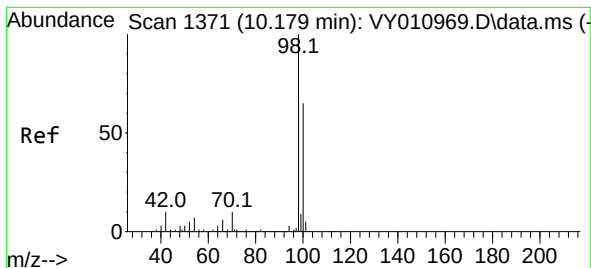
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.3 17.6 26.4





#50

Toluene-d8

Concen: 59.363 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011232.D

Acq: 01 Nov 2022 19:06

Instrument :

MSVOA_Y

ClientSampleId :

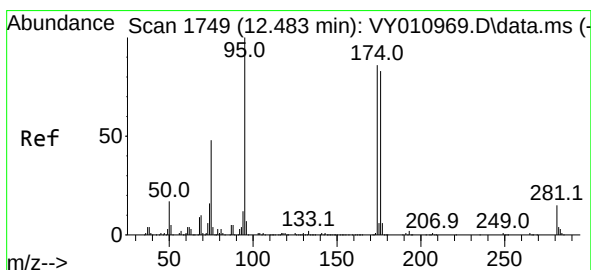
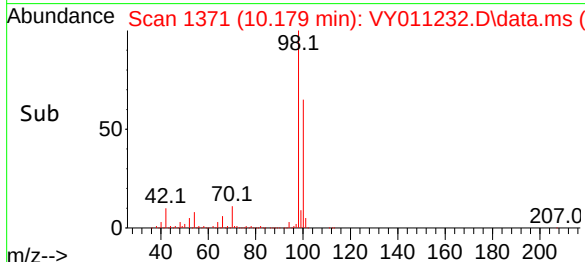
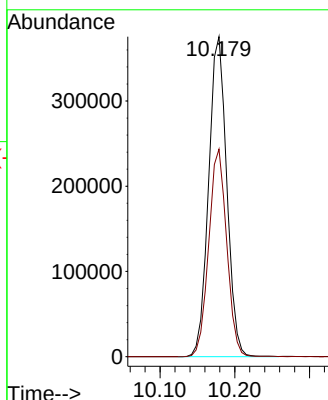
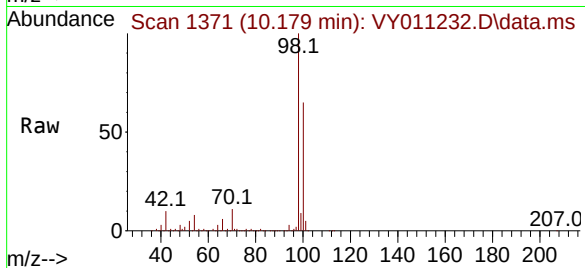
WC-1

Tgt Ion: 98 Resp: 631420

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 57.529 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011232.D

Acq: 01 Nov 2022 19:06

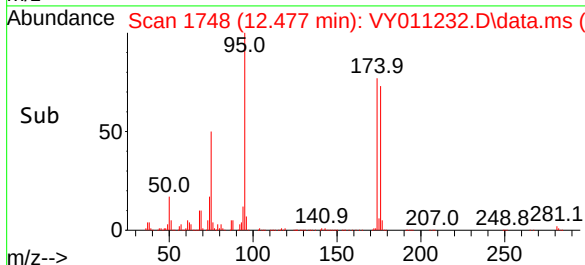
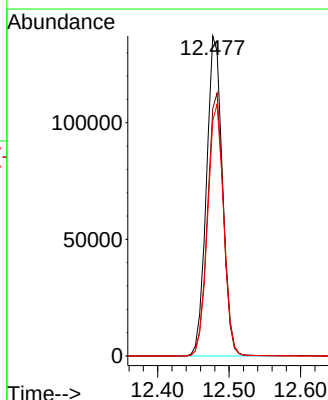
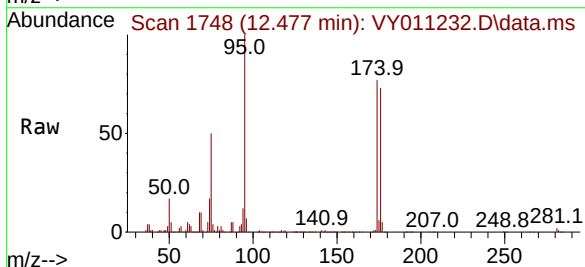
Tgt Ion: 95 Resp: 212431

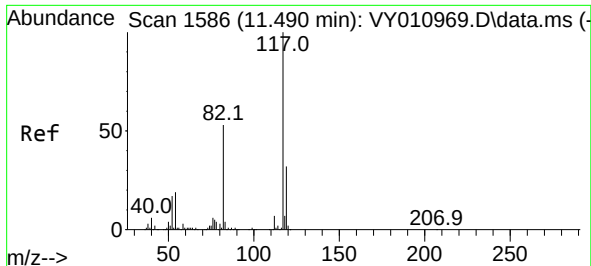
Ion Ratio Lower Upper

95 100

174 82.7 0.0 177.0

176 78.8 0.0 175.8

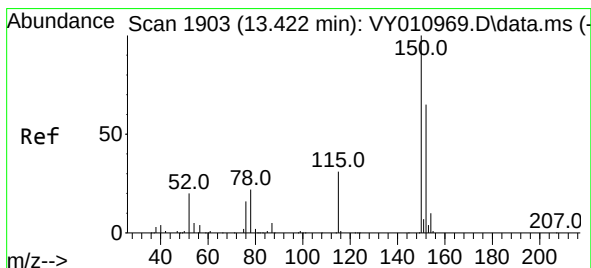
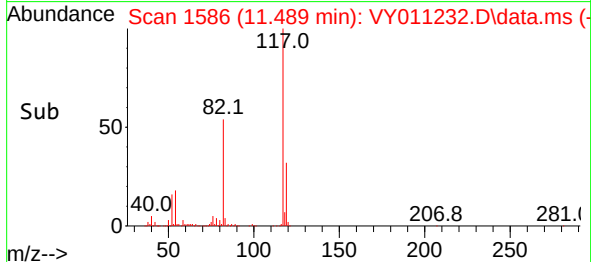
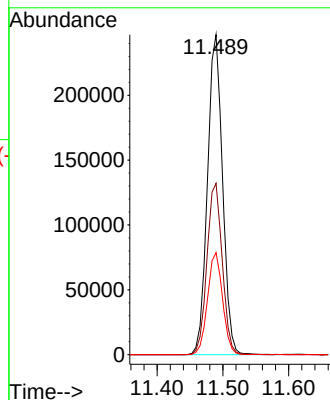
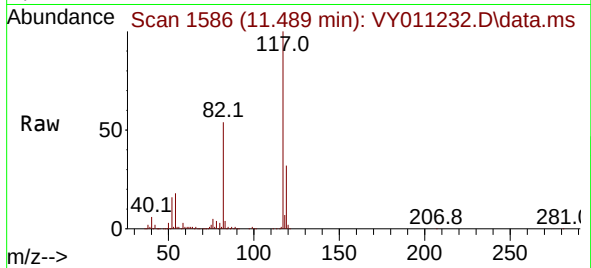




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 393810
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.9 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: VY011232.D
Acq: 01 Nov 2022 19:06

Tgt Ion:152 Resp: 181752
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 156.4 0.0 347.6

