

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011220.D
 Acq On : 01 Nov 2022 14:34
 Operator : KP/MD
 Sample : N5316-18
 Misc : 1.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 01 14:47:50 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	227031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	383464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154294	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108922	44.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.720%
35) Dibromofluoromethane	7.716	113	117689	47.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.179	98	440858	46.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.180%
62) 4-Bromofluorobenzene	12.477	95	142722	42.978	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.960%

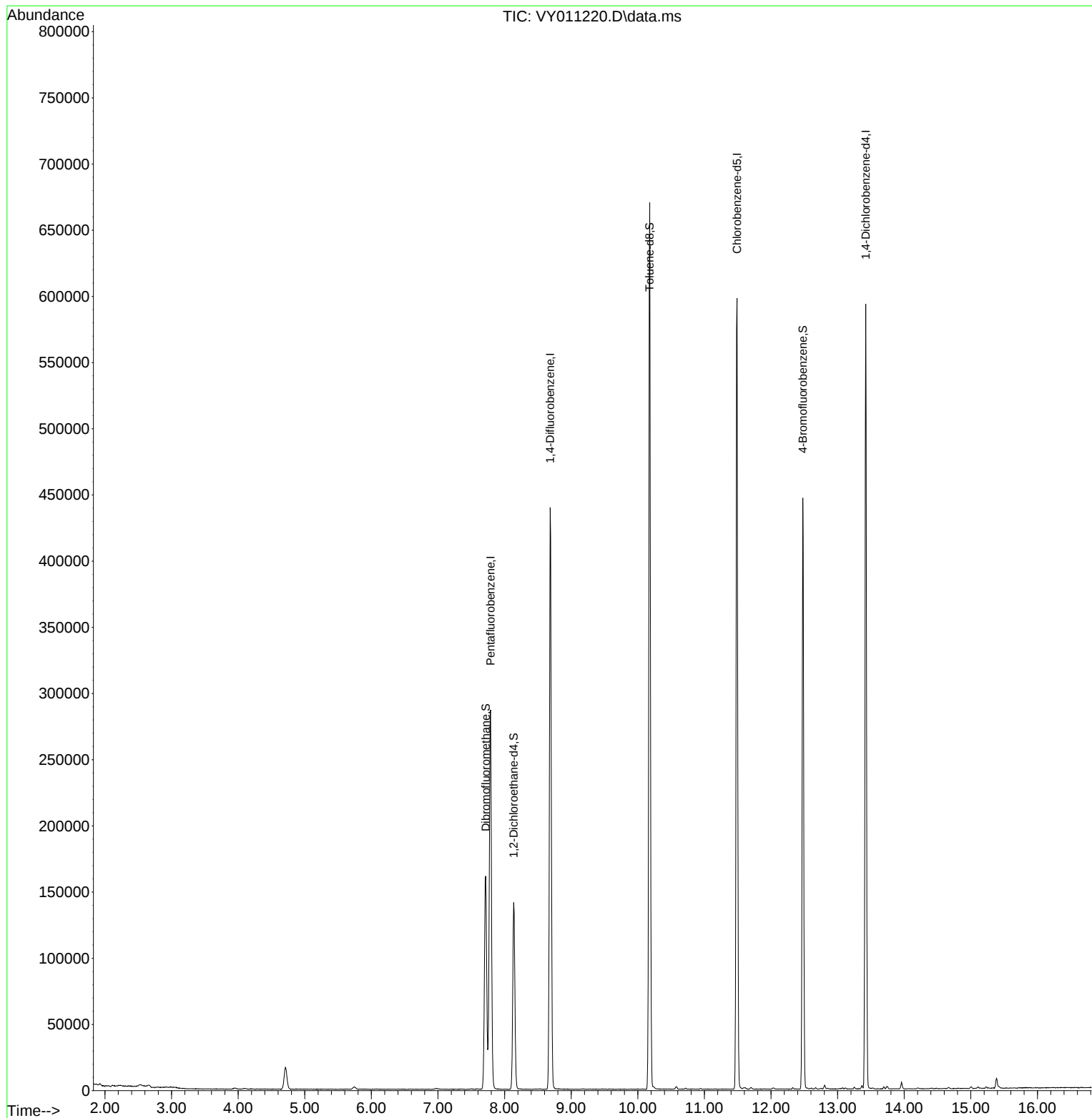
Target Compounds	Qvalue

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

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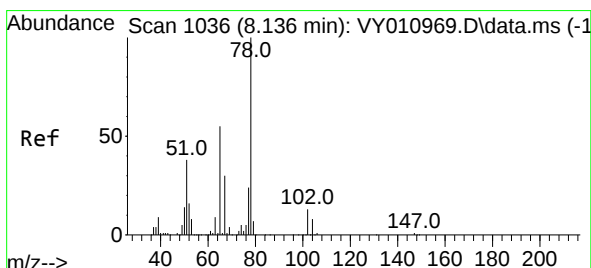
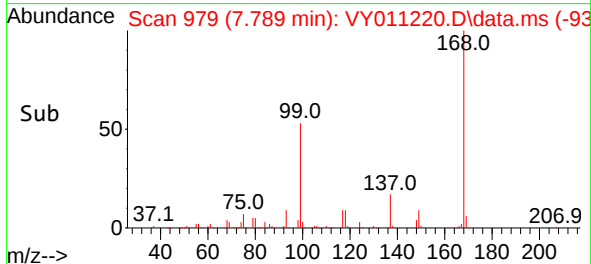
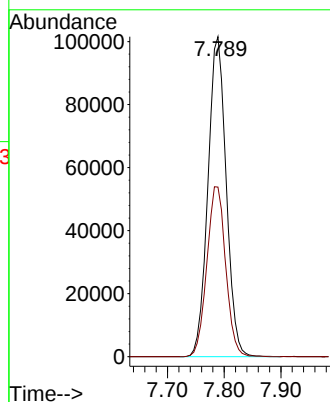
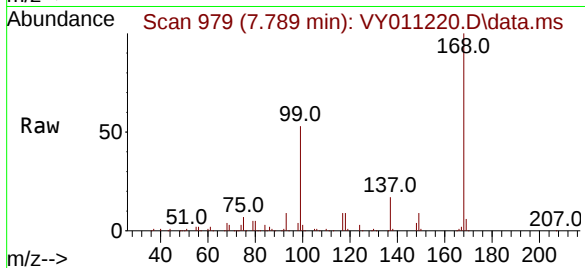




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

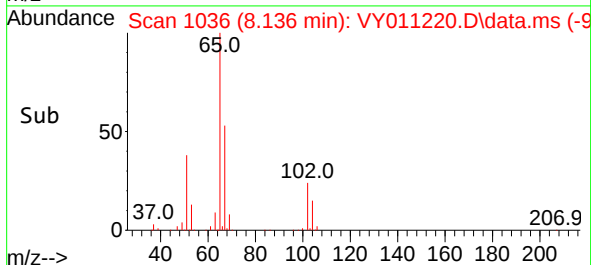
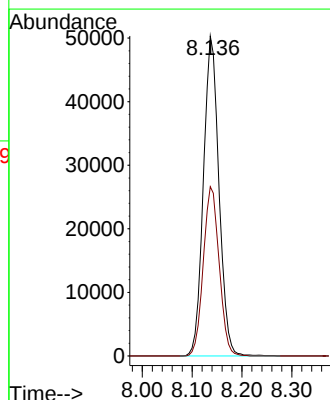
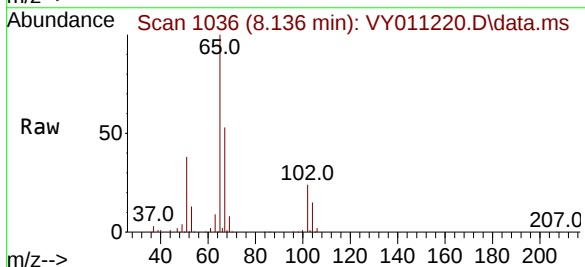
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

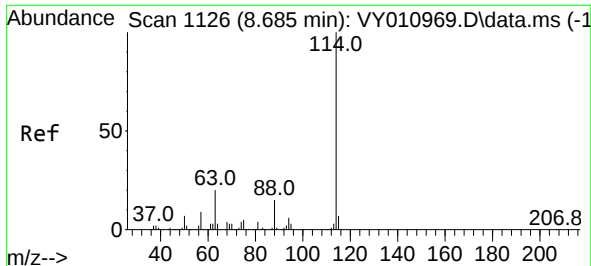
Tgt Ion:168 Resp: 227031
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.859 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion: 65 Resp: 108922
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

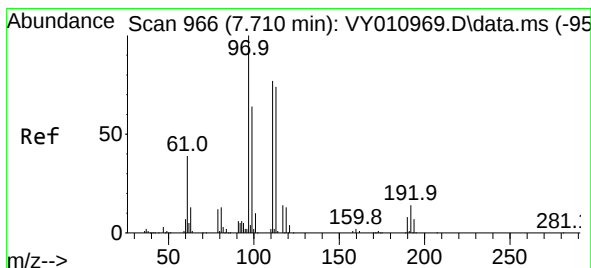
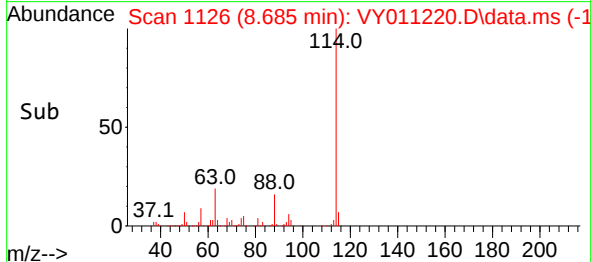
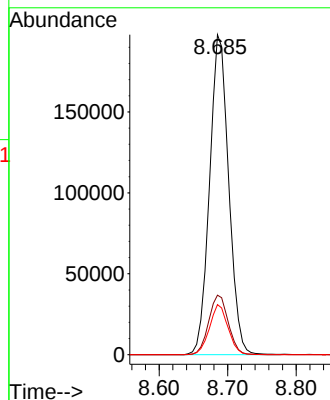
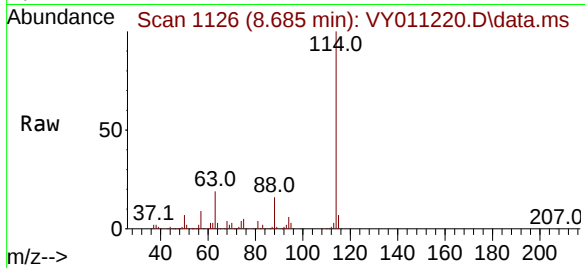




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

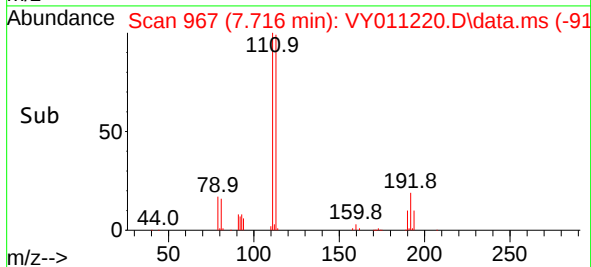
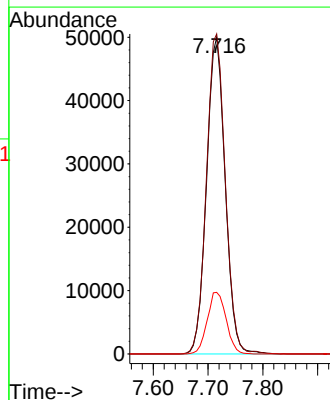
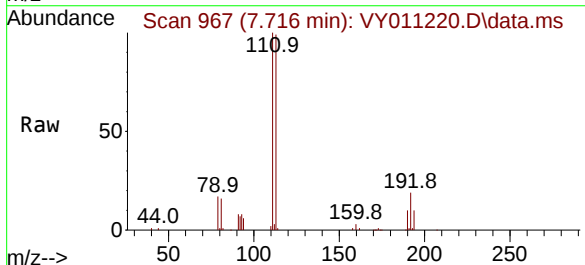
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

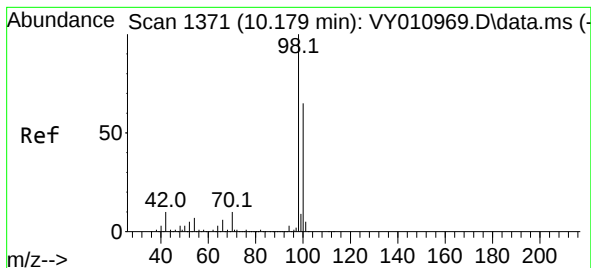
Tgt Ion:114 Resp: 383464
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.768 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion:113 Resp: 117689
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.8 17.6 26.4





#50

Toluene-d8

Concen: 46.087 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011220.D

Acq: 01 Nov 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

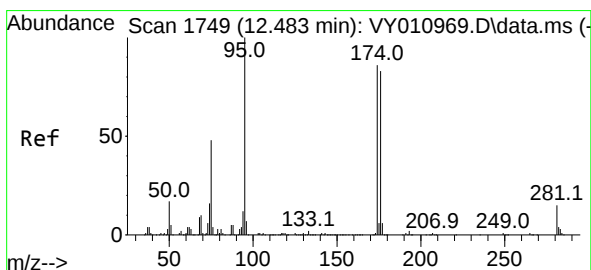
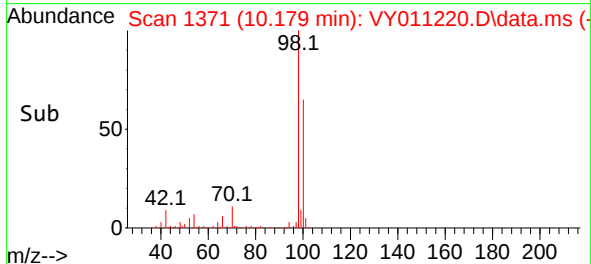
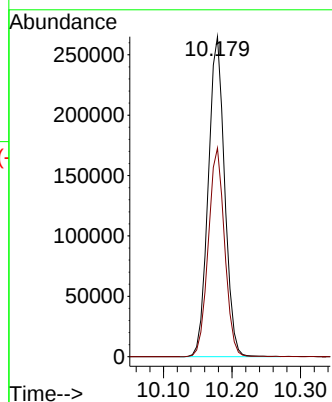
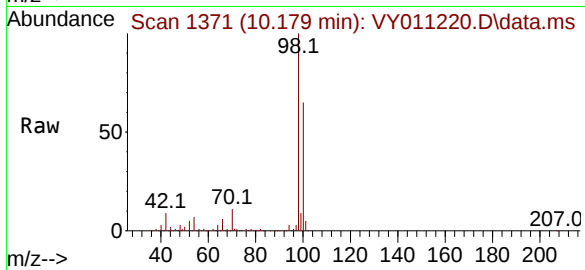
TRIP-BLANK

Tgt Ion: 98 Resp: 440858

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 42.978 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011220.D

Acq: 01 Nov 2022 14:34

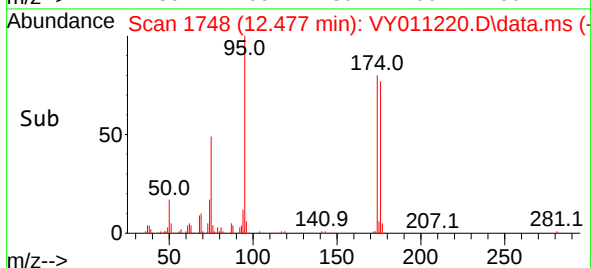
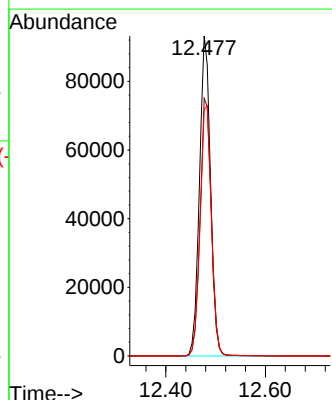
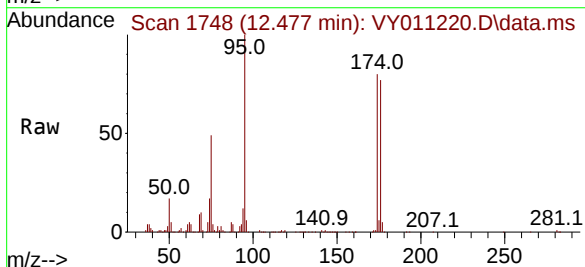
Tgt Ion: 95 Resp: 142722

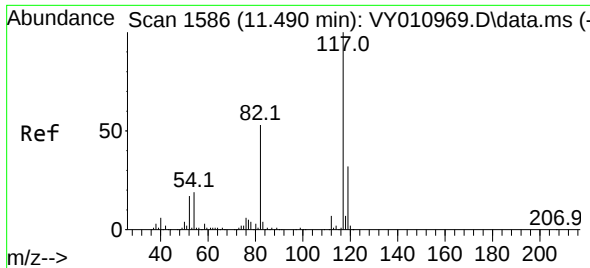
Ion Ratio Lower Upper

95 100

174 82.2 0.0 177.0

176 79.8 0.0 175.8

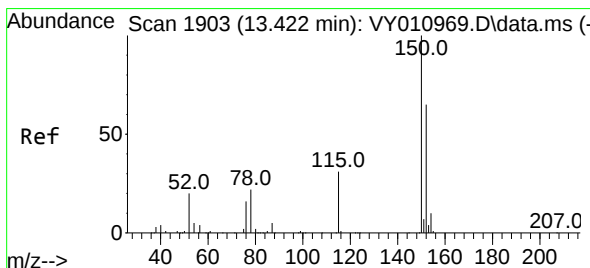
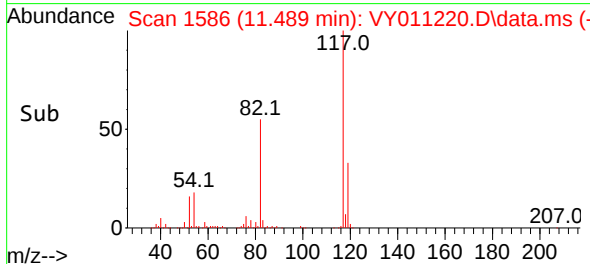
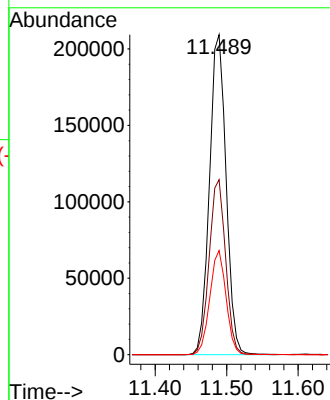
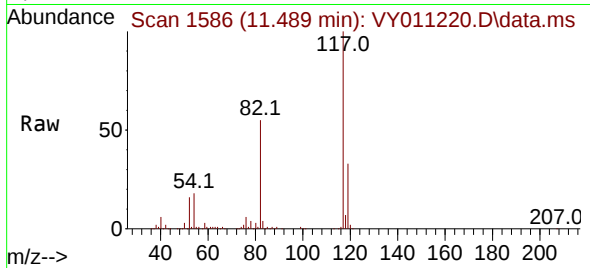




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 338167
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.5 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: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion:152 Resp: 154294
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 157.8 0.0 347.6

