

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011161.D
 Acq On : 28 Oct 2022 16:56
 Operator : KP/MD
 Sample : N5316-06
 Misc : 11.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-6-NE-QUARTER

Quant Time: Oct 28 23:46:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	209033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	253312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	158446	73.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.620%
35) Dibromofluoromethane	7.716	113	146713	66.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.620%
50) Toluene-d8	10.179	98	477444	54.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.760%
62) 4-Bromofluorobenzene	12.477	95	96879	34.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.060%

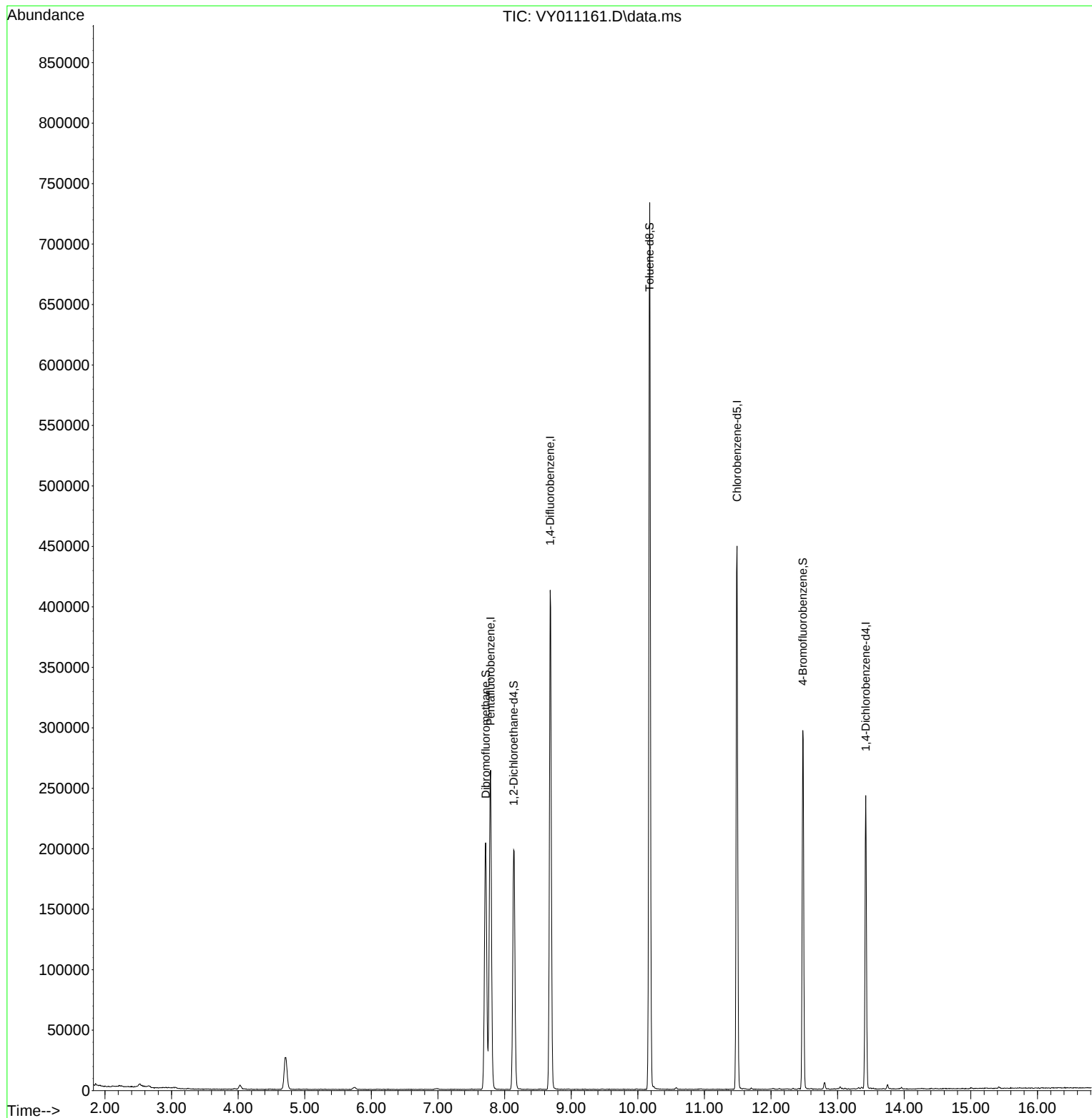
Target Compounds	Qvalue

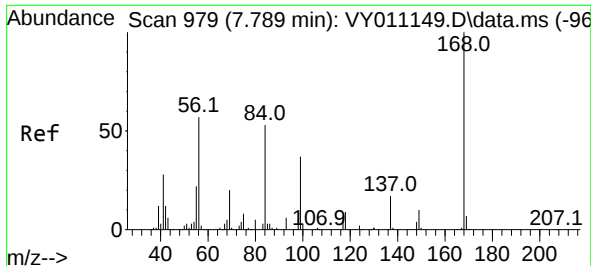
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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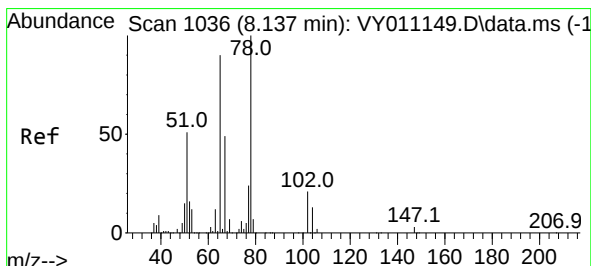
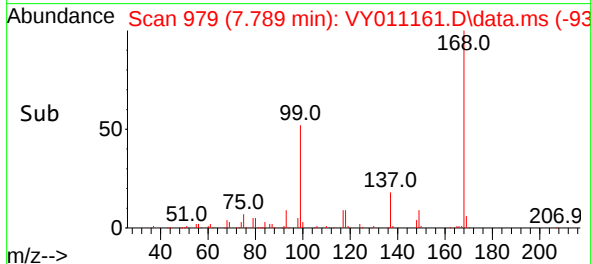
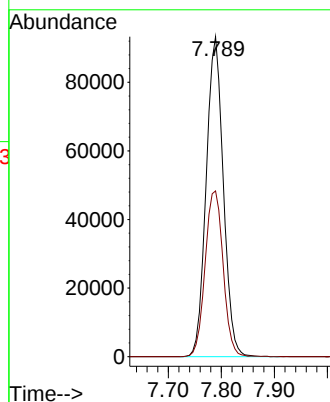
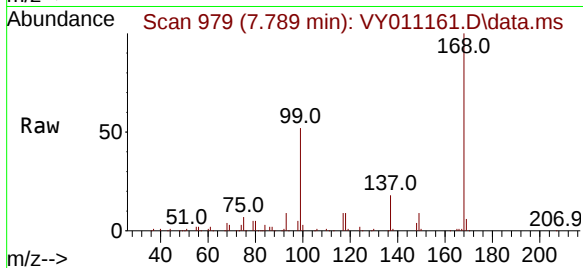




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011161.D
Acq: 28 Oct 2022 16:56

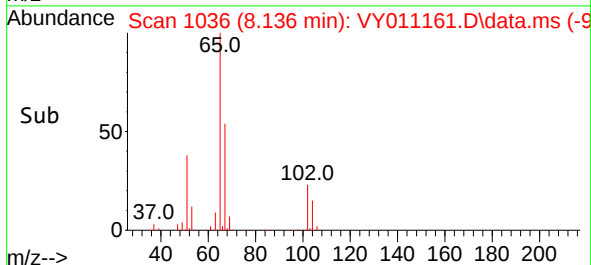
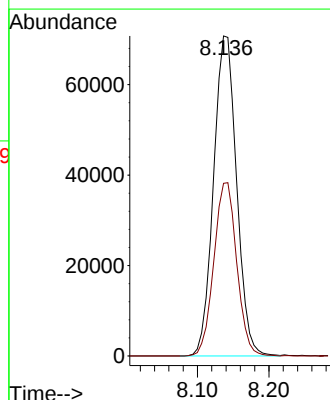
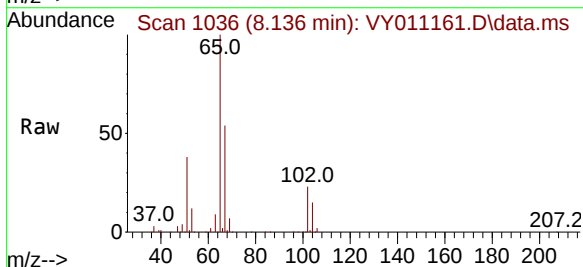
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-6-NE-QUARTER

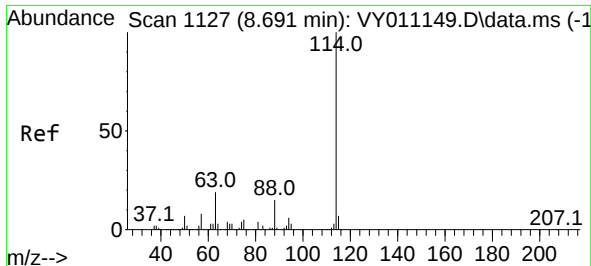
Tgt Ion:168 Resp: 209033
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 73.306 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011161.D
Acq: 28 Oct 2022 16:56

Tgt Ion: 65 Resp: 158446
Ion Ratio Lower Upper
65 100
67 53.7 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: VY011161.D

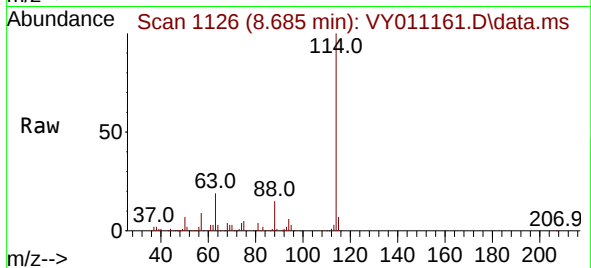
Acq: 28 Oct 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-GRAB-6-NE-QUARTER



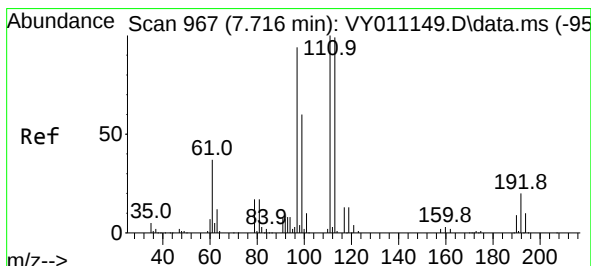
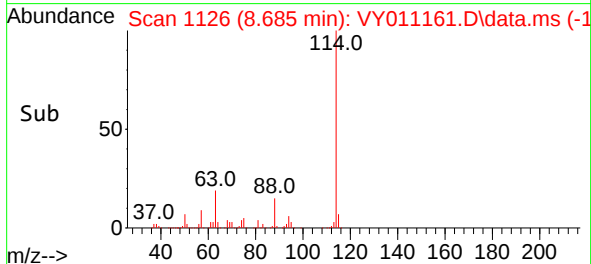
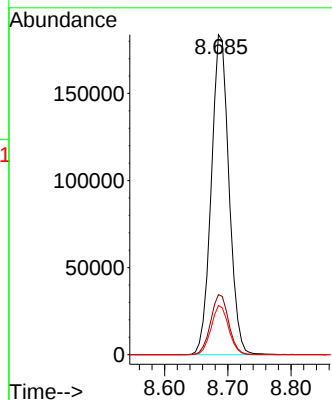
Tgt Ion:114 Resp: 357076

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 66.813 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011161.D

Acq: 28 Oct 2022 16:56

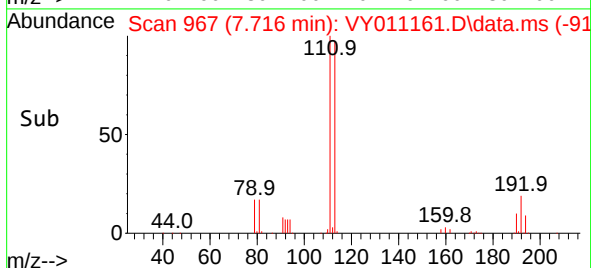
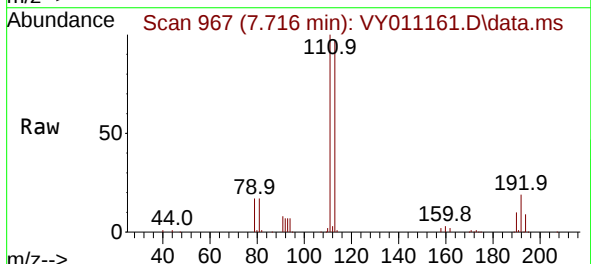
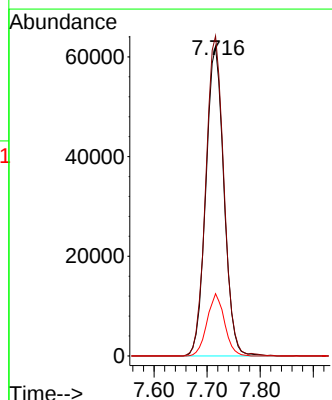
Tgt Ion:113 Resp: 146713

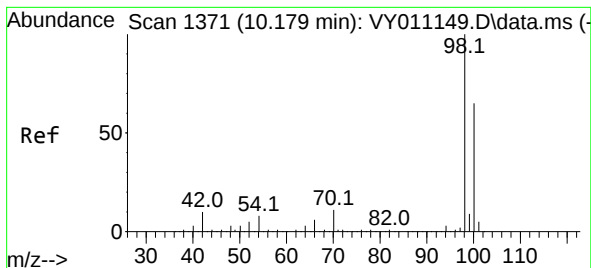
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.5 17.6 26.4





#50

Toluene-d8

Concen: 54.882 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011161.D

Acq: 28 Oct 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

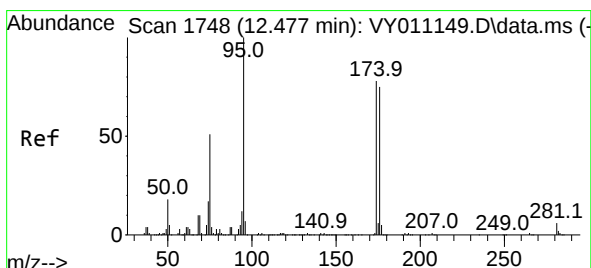
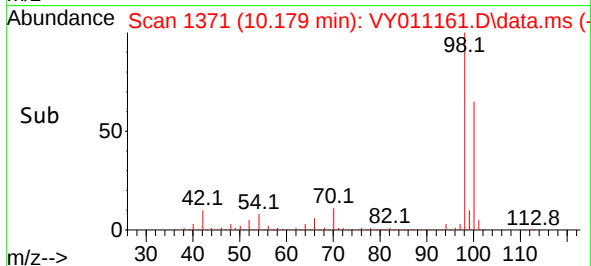
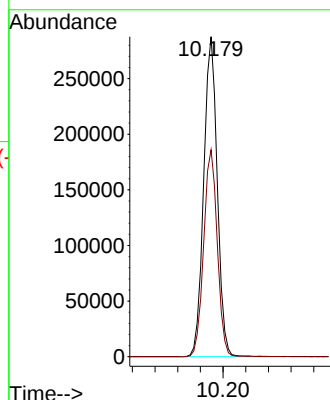
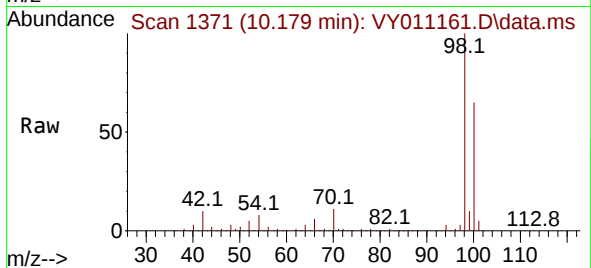
TOTAL-VOC-GRAB-6-NE-QUARTER

Tgt Ion: 98 Resp: 477444

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 34.034 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY011161.D

Acq: 28 Oct 2022 16:56

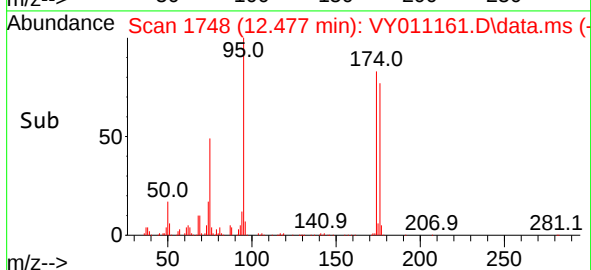
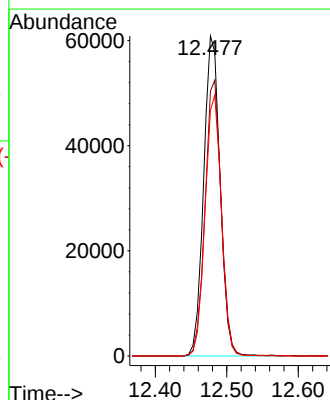
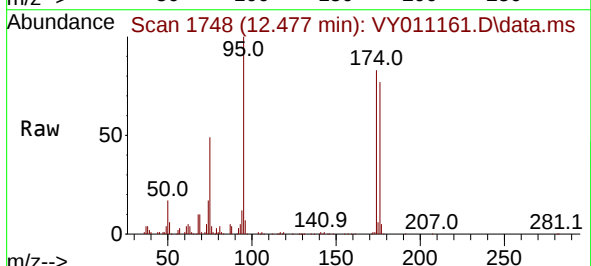
Tgt Ion: 95 Resp: 96879

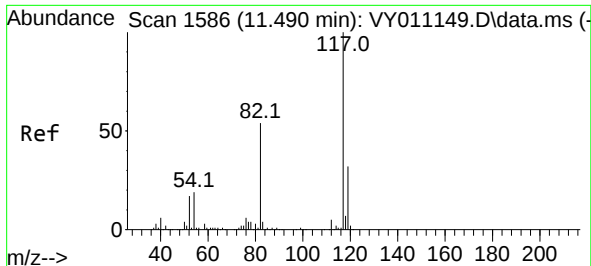
Ion Ratio Lower Upper

95 100

174 85.4 0.0 177.0

176 81.1 0.0 175.8

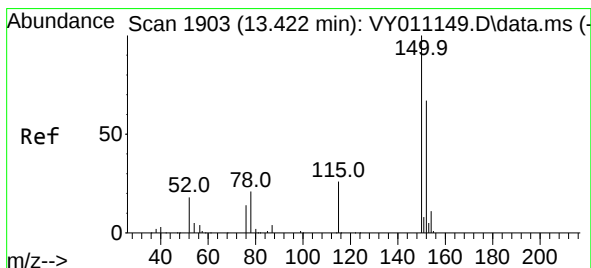
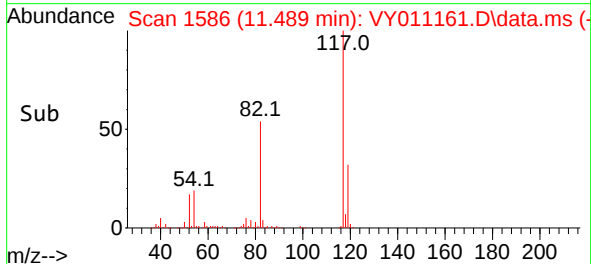
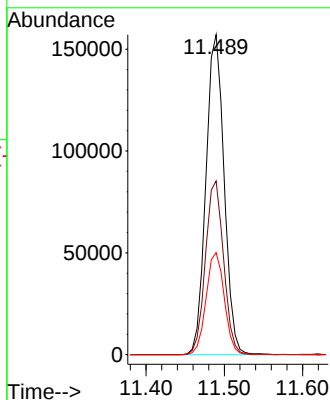
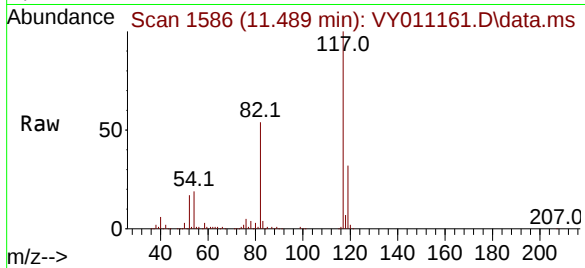




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011161.D
Acq: 28 Oct 2022 16:56

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Tgt Ion:117 Resp: 253312
Ion Ratio Lower Upper
117 100
82 54.3 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: VY011161.D
Acq: 28 Oct 2022 16:56

Tgt Ion:152 Resp: 63923
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 157.4 0.0 347.6

