

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011183.D
 Acq On : 29 Oct 2022 02:45
 Operator : KP/MD
 Sample : N5310-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-3

Quant Time: Oct 29 06:47:26 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	290845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	526166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	464290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	183583	61.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.080%
35) Dibromofluoromethane	7.716	113	183051	56.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.140%
50) Toluene-d8	10.179	98	685211	53.453	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.477	95	204493	48.753	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.500%

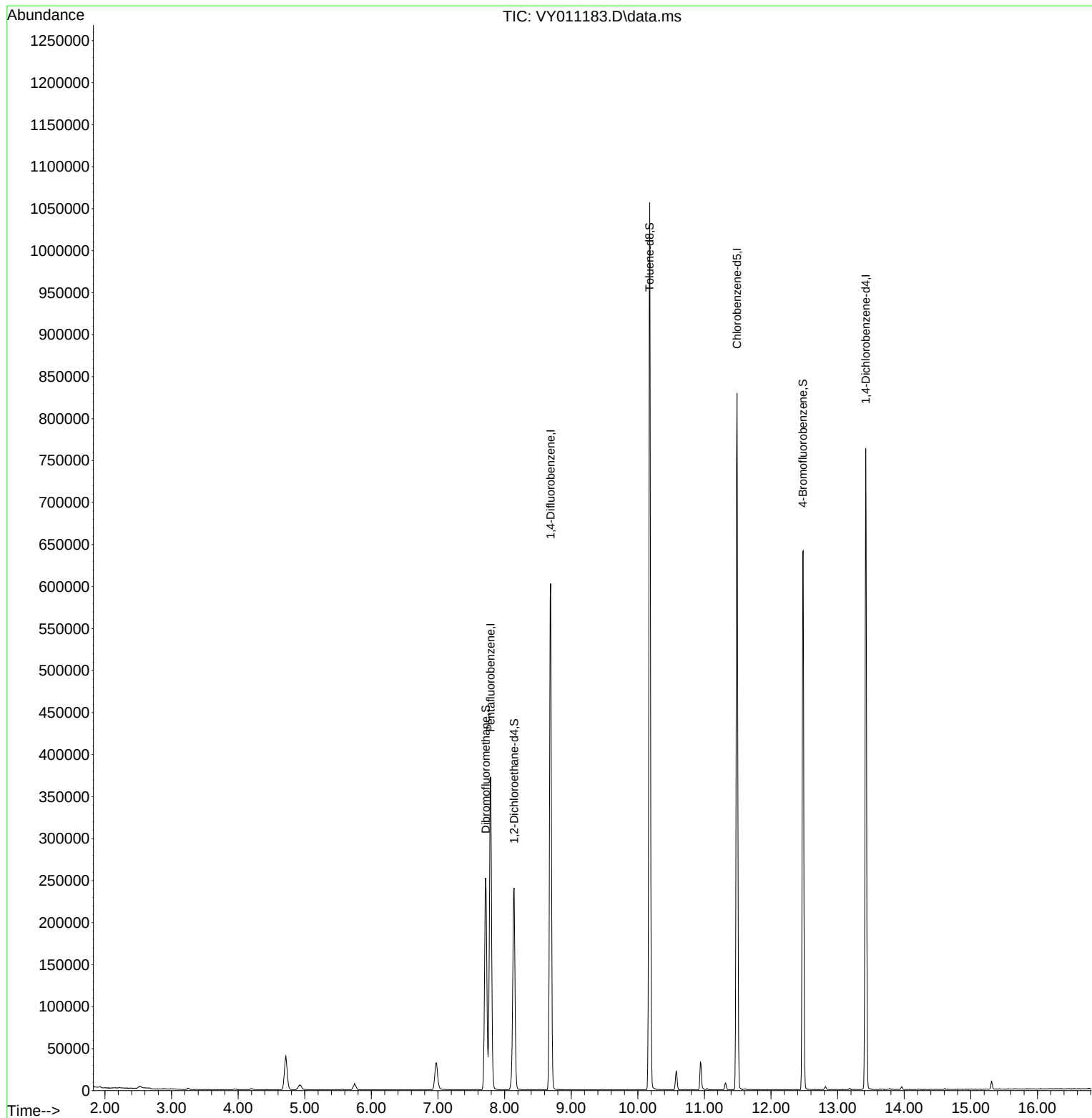
Target Compounds	Qvalue

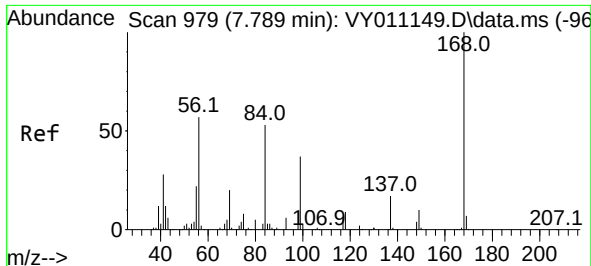
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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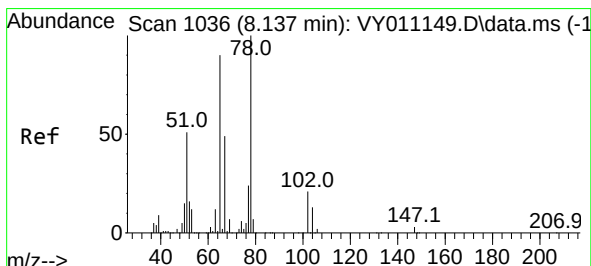
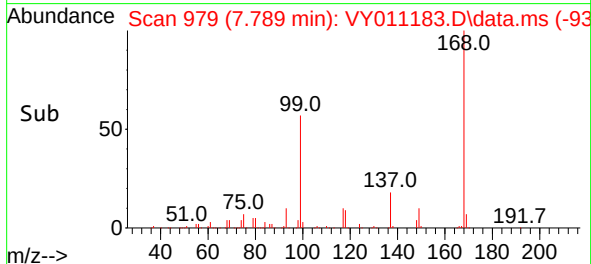
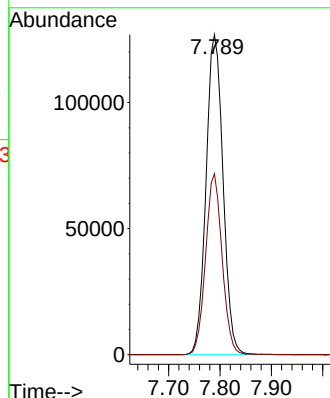
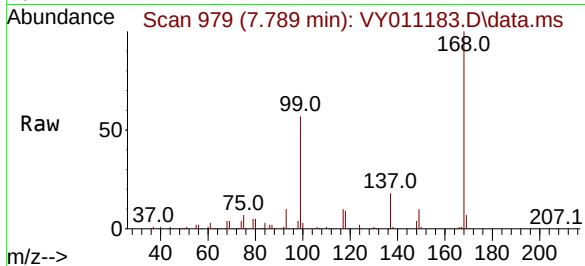




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011183.D
Acq: 29 Oct 2022 02:45

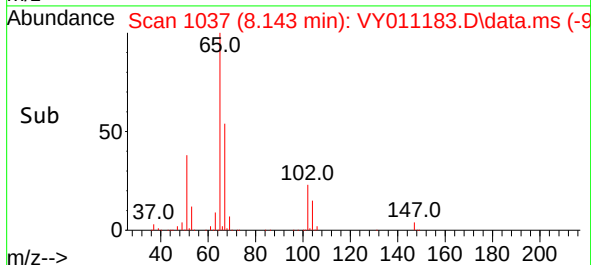
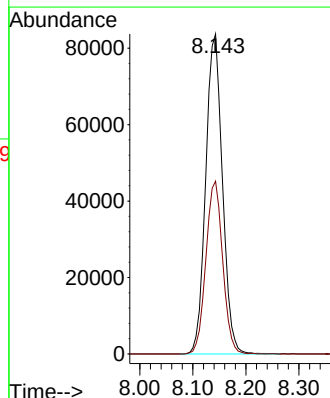
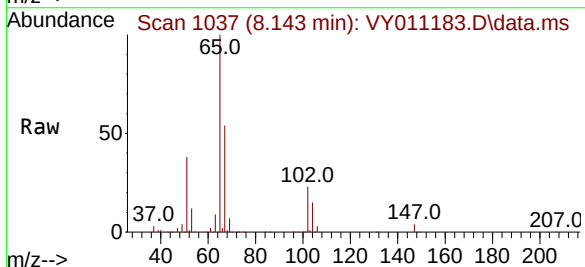
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-3

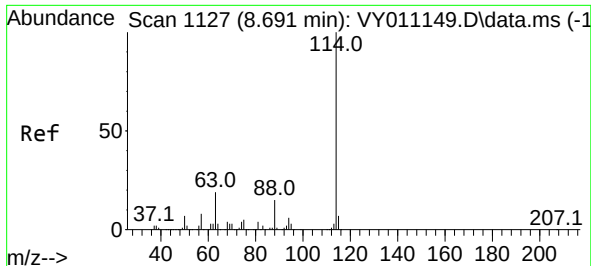
Tgt Ion:168 Resp: 290845
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.044 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011183.D
Acq: 29 Oct 2022 02:45

Tgt Ion: 65 Resp: 183583
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011183.D

Acq: 29 Oct 2022 02:45

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-3

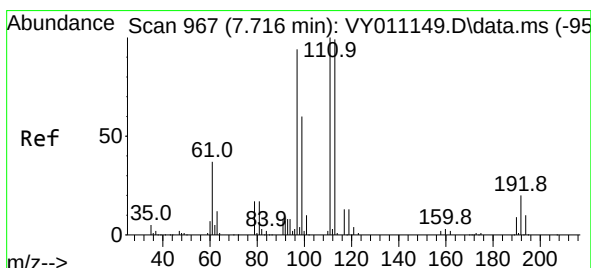
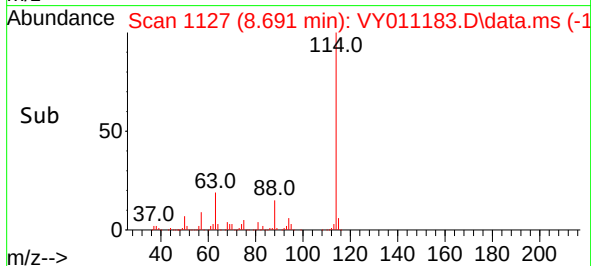
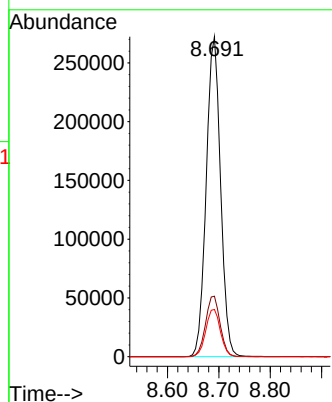
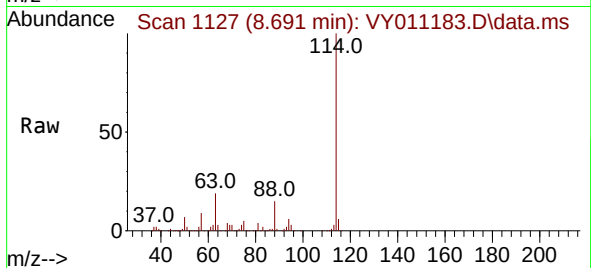
Tgt Ion:114 Resp: 526166

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.572 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011183.D

Acq: 29 Oct 2022 02:45

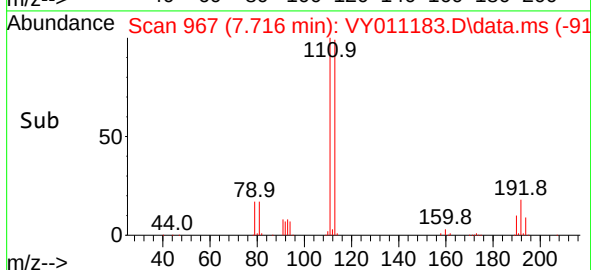
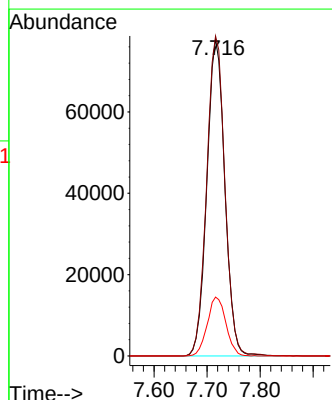
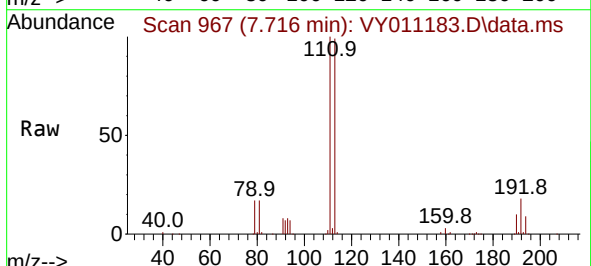
Tgt Ion:113 Resp: 183051

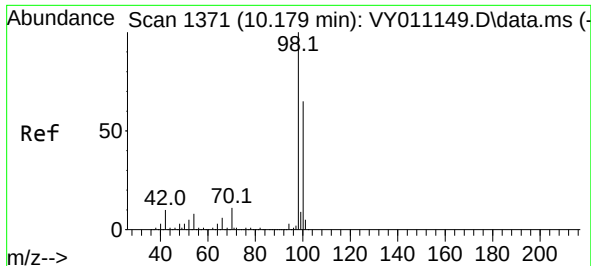
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.3 17.6 26.4

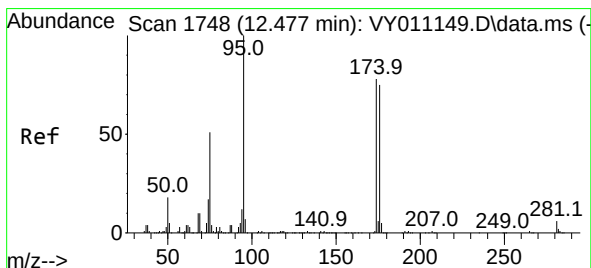
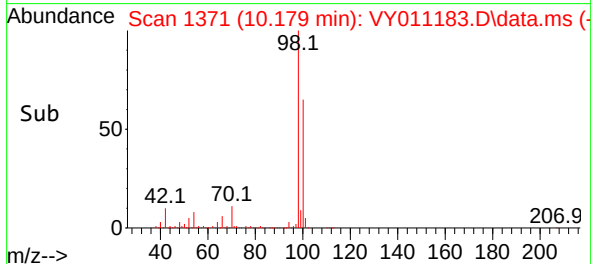
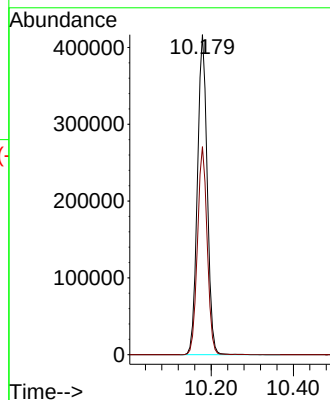
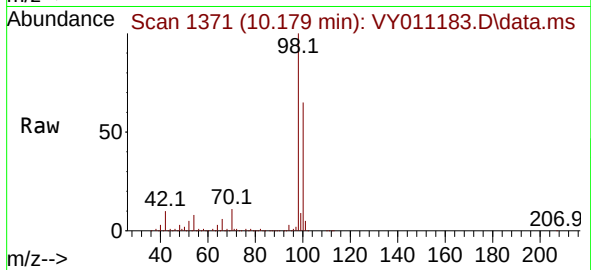




#50
Toluene-d8
Concen: 53.453 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011183.D
Acq: 29 Oct 2022 02:45

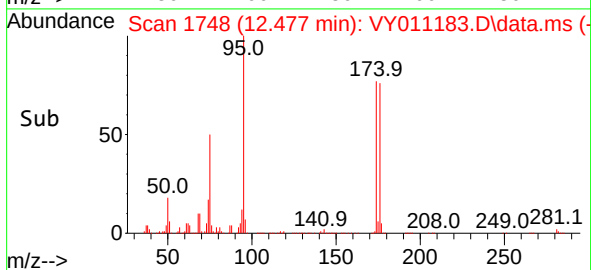
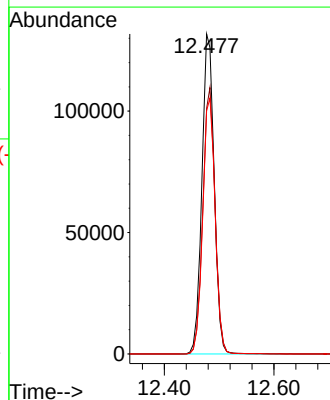
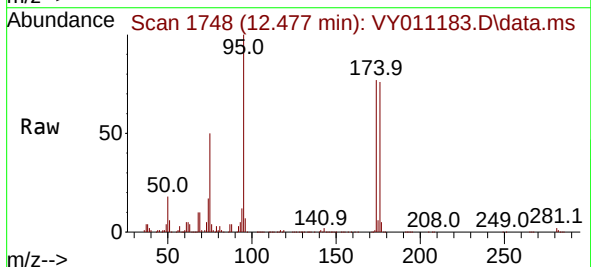
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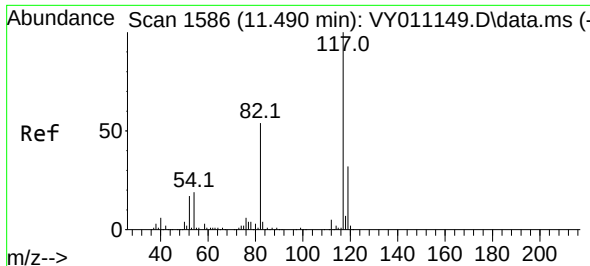
Tgt Ion: 98 Resp: 685211
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.753 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011183.D
Acq: 29 Oct 2022 02:45

Tgt Ion: 95 Resp: 204493
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.7 0.0 175.8

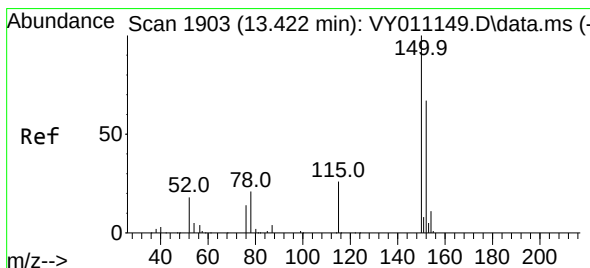
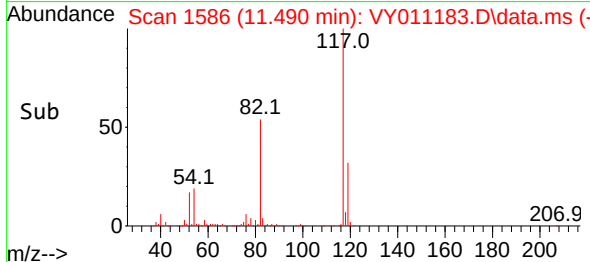
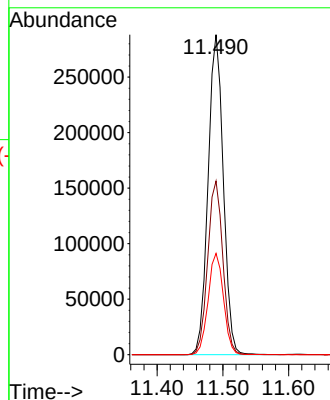
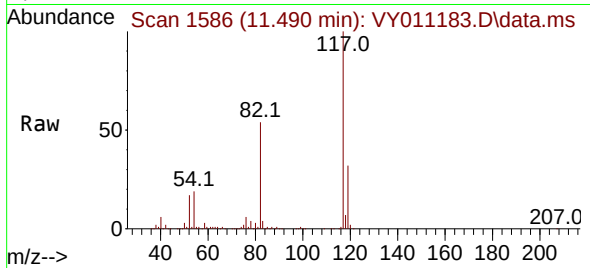




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011183.D
Acq: 29 Oct 2022 02:45

Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-3

Tgt Ion:117 Resp: 464290
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.6 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: VY011183.D
Acq: 29 Oct 2022 02:45

Tgt Ion:152 Resp: 197572
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 156.4 0.0 347.6

