

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011921.D
 Acq On : 20 Dec 2022 14:51
 Operator : KP/MD
 Sample : N6086-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-141522

Quant Time: Dec 20 15:35:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	255235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	416047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	149118	57.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.716	113	134580	53.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.460%
50) Toluene-d8	10.179	98	521696	51.337	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.483	95	164166	48.033	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.060%

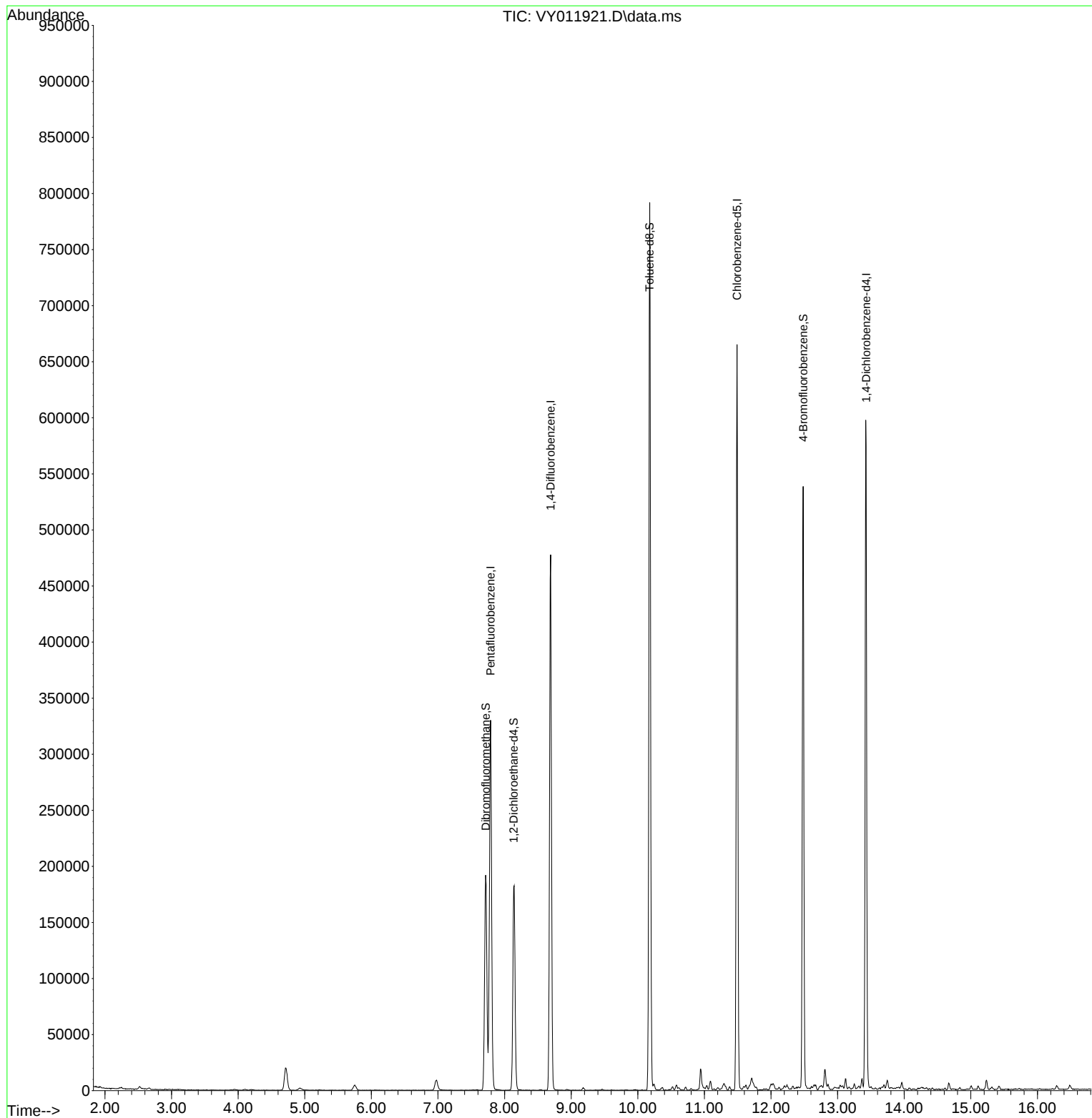
Target Compounds	Qvalue

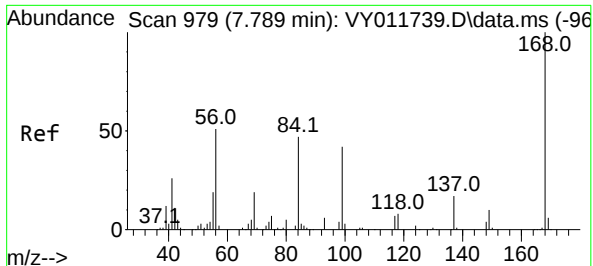
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
Data File : VY011921.D
Acq On : 20 Dec 2022 14:51
Operator : KP/MD
Sample : N6086-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

Quant Time: Dec 20 15:35:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

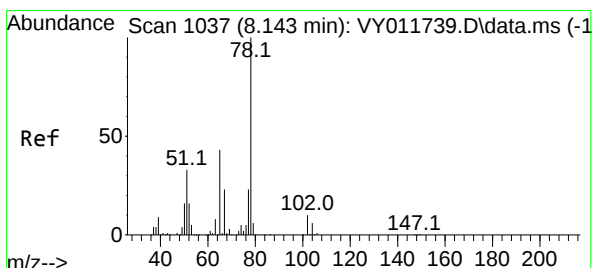
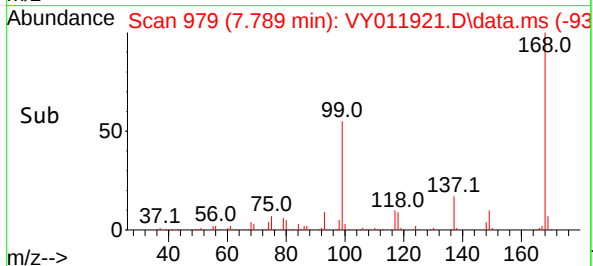
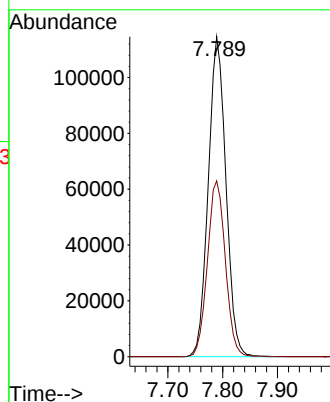
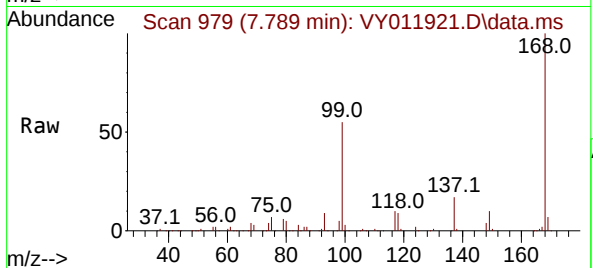




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

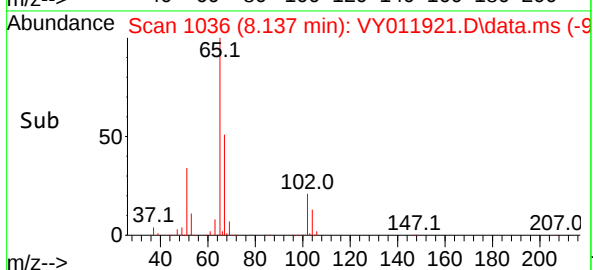
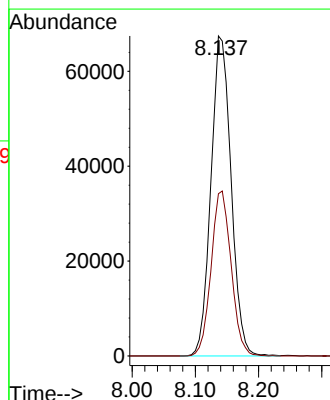
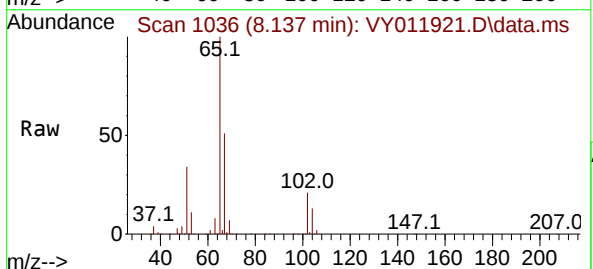
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

Tgt Ion:168 Resp: 255235
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 57.990 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Tgt Ion: 65 Resp: 149118
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011921.D

Acq: 20 Dec 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-141522

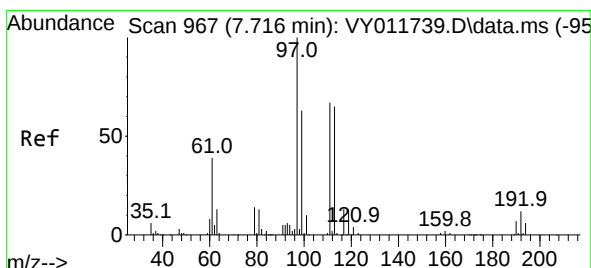
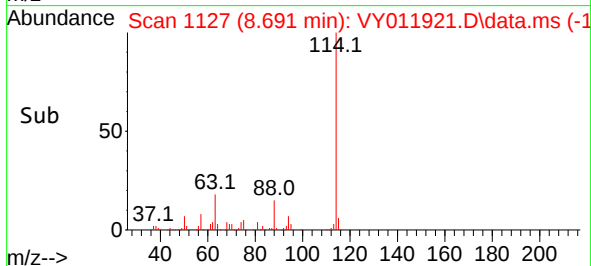
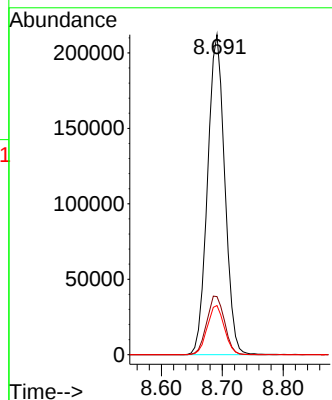
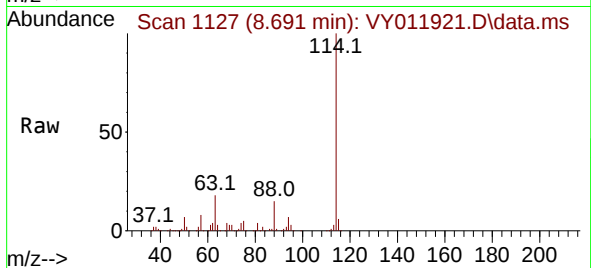
Tgt Ion:114 Resp: 416047

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.731 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011921.D

Acq: 20 Dec 2022 14:51

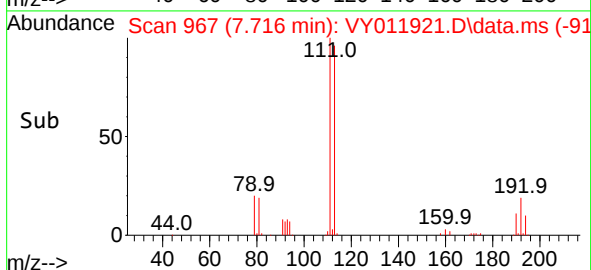
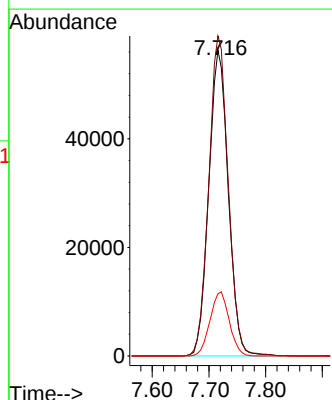
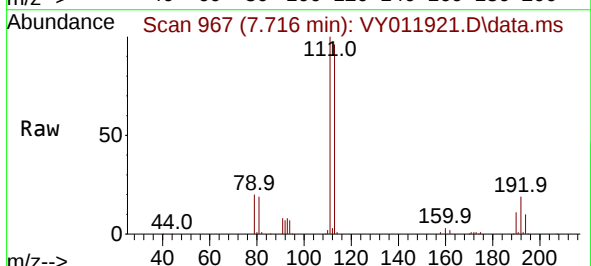
Tgt Ion:113 Resp: 134580

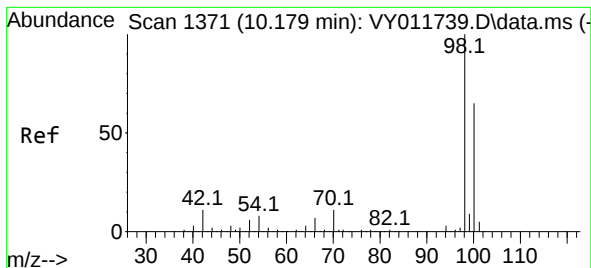
Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.4

192 20.7 16.0 24.0

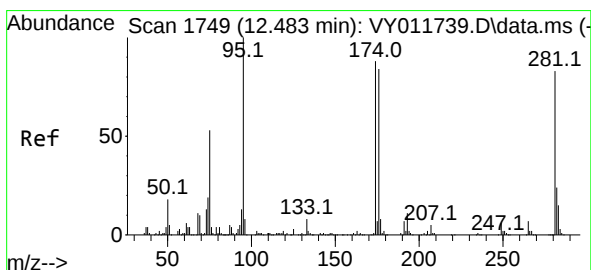
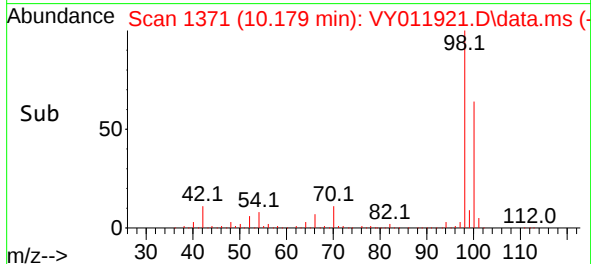
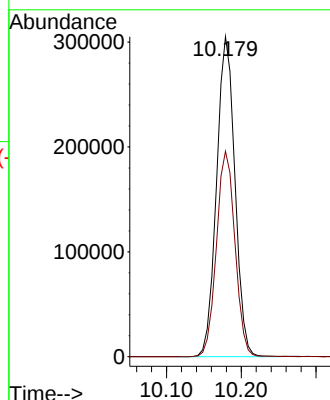
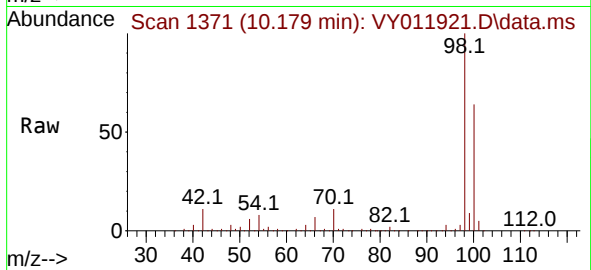




#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

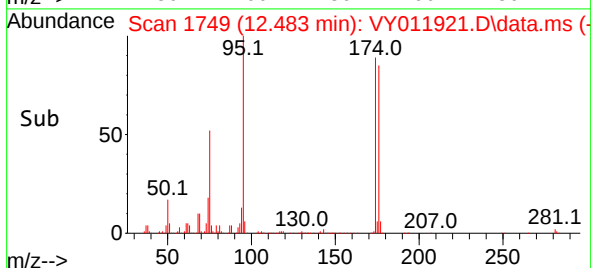
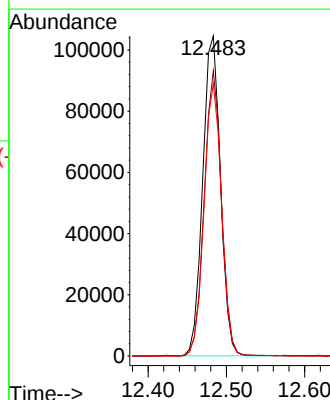
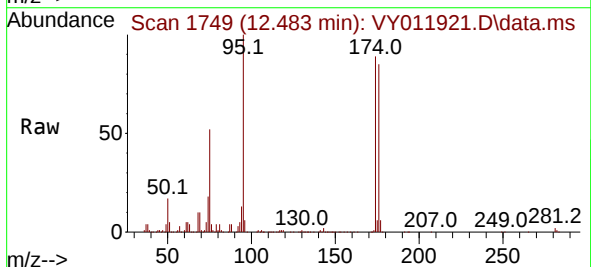
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

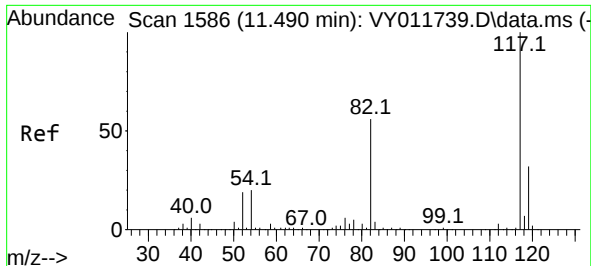
Tgt Ion: 98 Resp: 521696
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.033 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Tgt Ion: 95 Resp: 164166
Ion Ratio Lower Upper
95 100
174 86.9 0.0 172.0
176 84.1 0.0 167.6

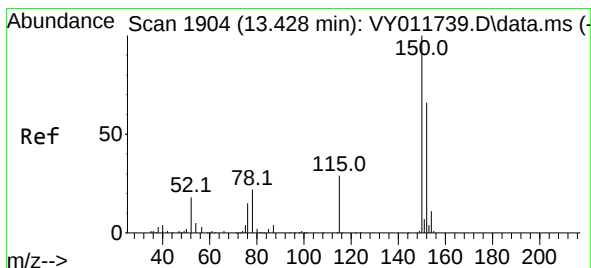
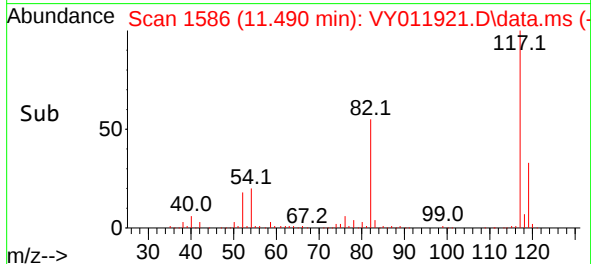
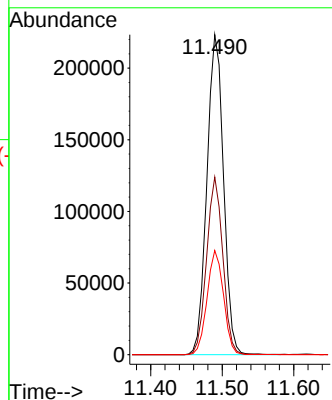
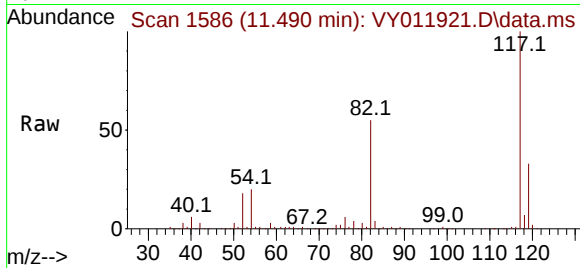




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

Tgt Ion:117 Resp: 360870
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Tgt Ion:152 Resp: 158929
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 155.6 0.0 342.6

