

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016755.D
 Acq On : 21 Dec 2023 14:22
 Operator : SY/MD
 Sample : VY1221SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBL01

Quant Time: Dec 22 00:42:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	99876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	213576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	207175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	78140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	64447	70.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.360%
35) Dibromofluoromethane	7.734	113	66013	53.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.920%
50) Toluene-d8	10.191	98	238229	54.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.495	95	73811	51.586	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.180%

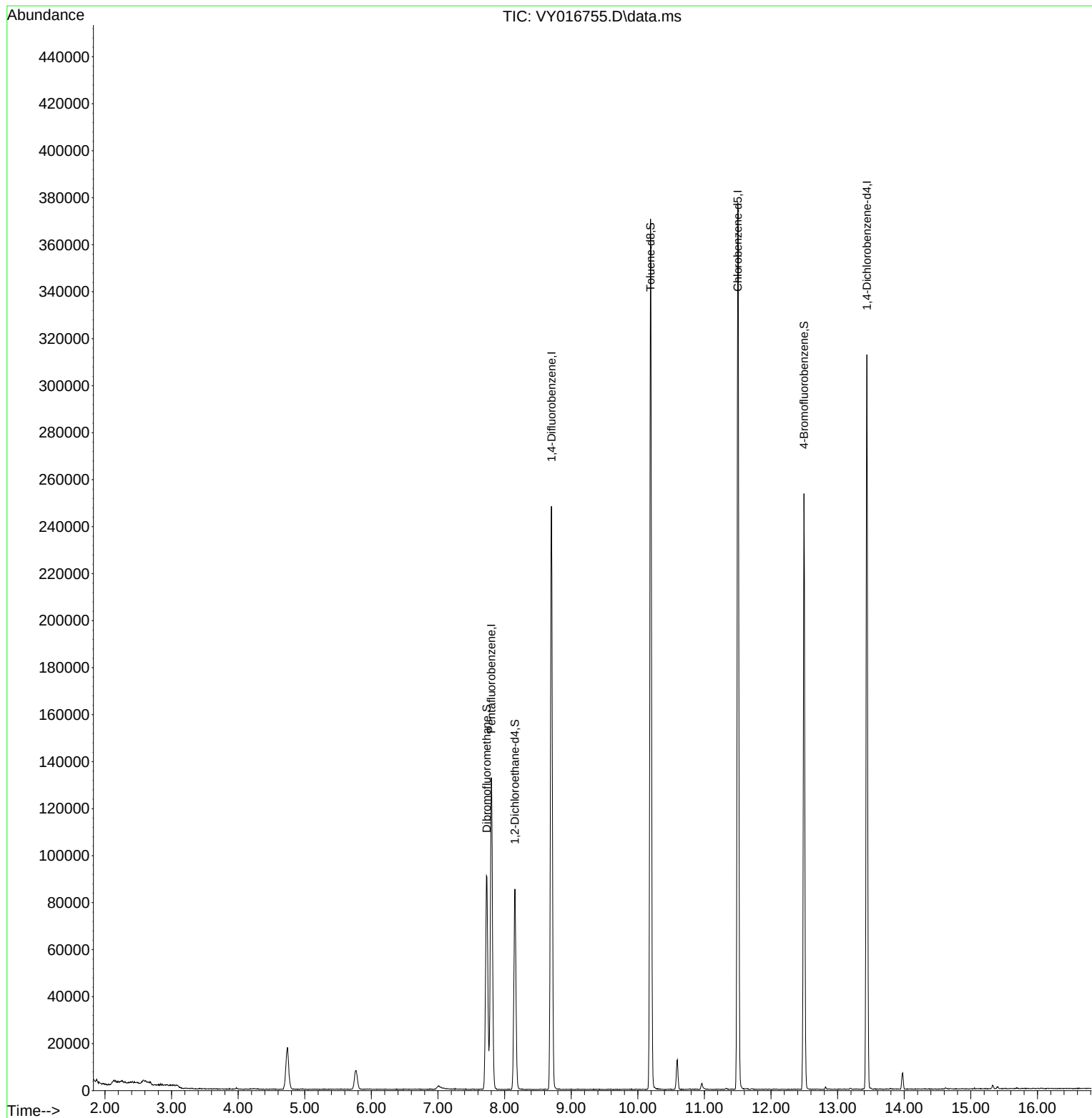
Target Compounds	Qvalue

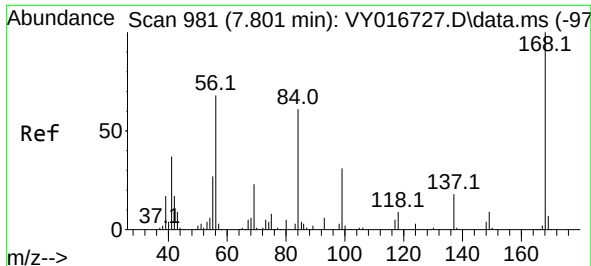
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
Data File : VY016755.D
Acq On : 21 Dec 2023 14:22
Operator : SY/MD
Sample : VY1221SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

Quant Time: Dec 22 00:42:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

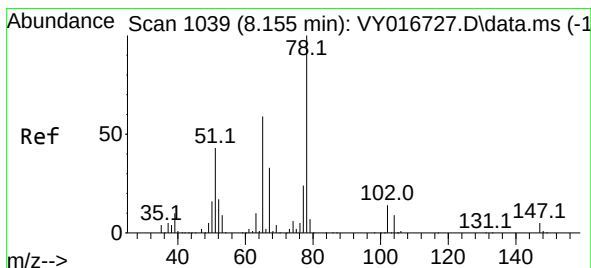
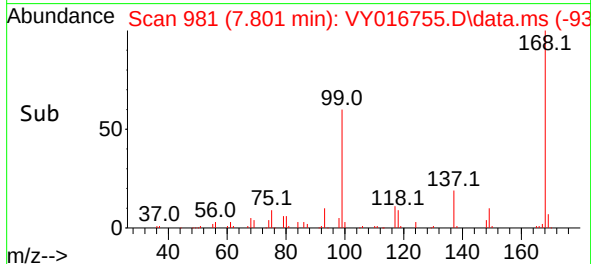
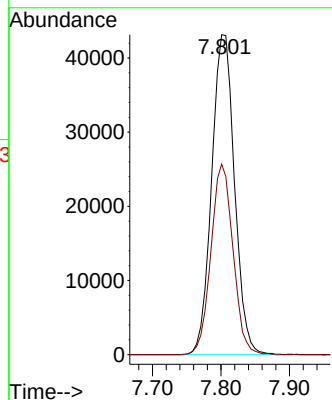
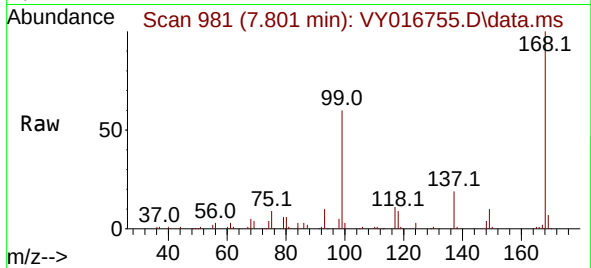




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016755.D
Acq: 21 Dec 2023 14:22

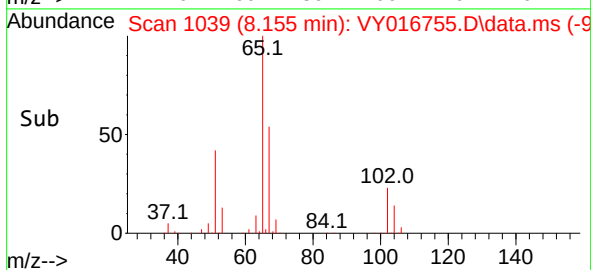
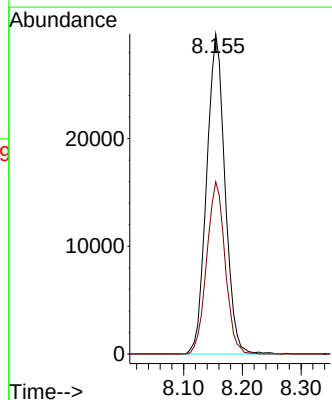
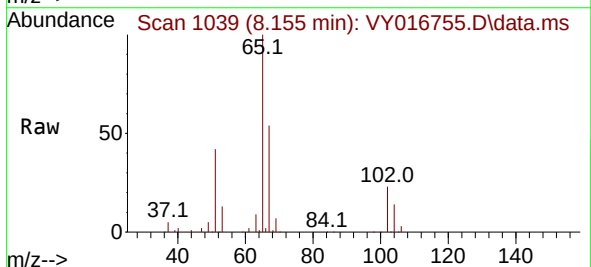
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

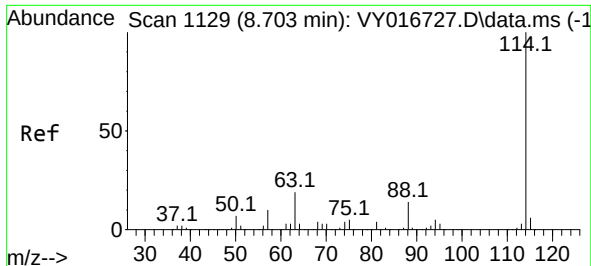
Tgt Ion:168 Resp: 99876
Ion Ratio Lower Upper
168 100
99 59.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 70.684 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016755.D
Acq: 21 Dec 2023 14:22

Tgt Ion: 65 Resp: 64447
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016755.D

Acq: 21 Dec 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBL01

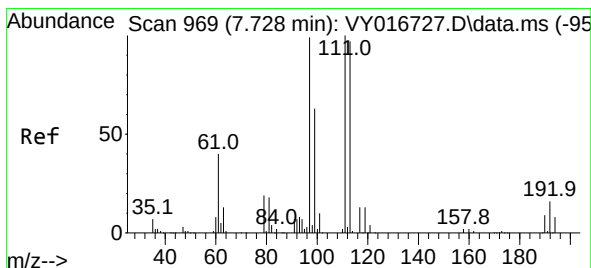
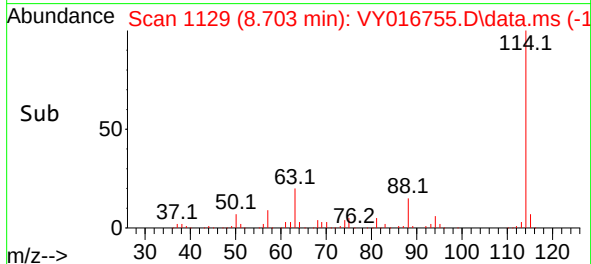
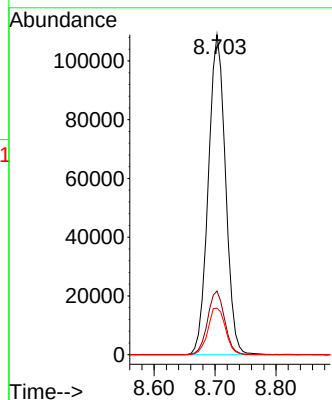
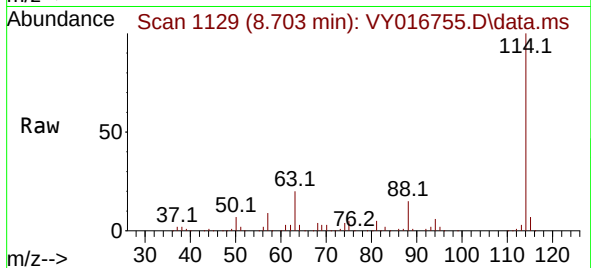
Tgt Ion:114 Resp: 213576

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.958 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016755.D

Acq: 21 Dec 2023 14:22

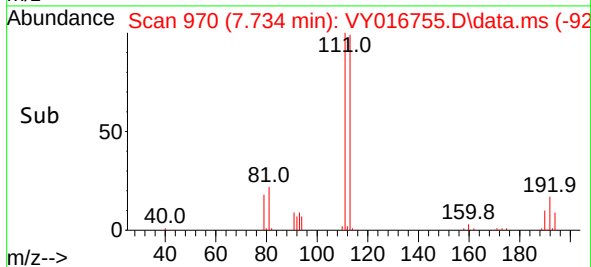
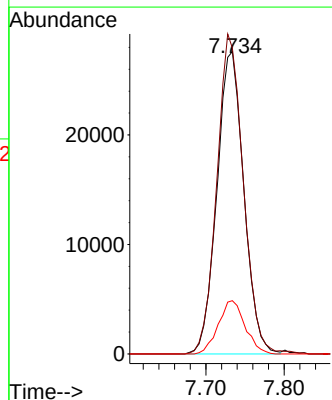
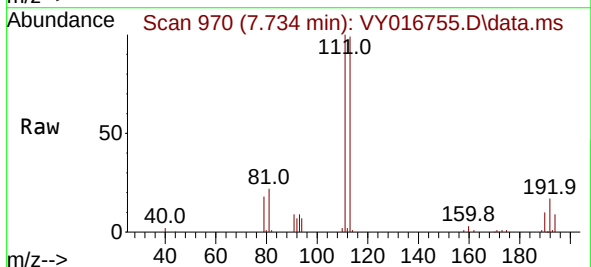
Tgt Ion:113 Resp: 66013

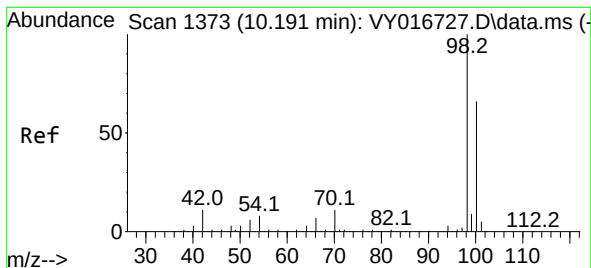
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.5 14.5 21.7





#50

Toluene-d8

Concen: 54.017 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016755.D

Acq: 21 Dec 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

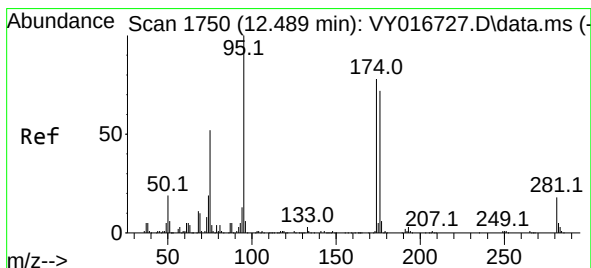
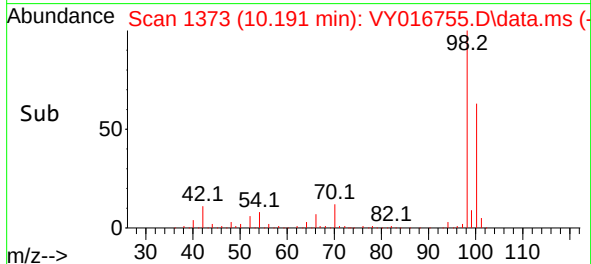
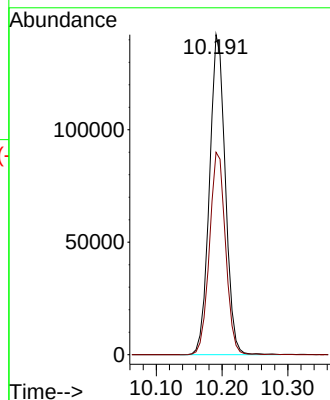
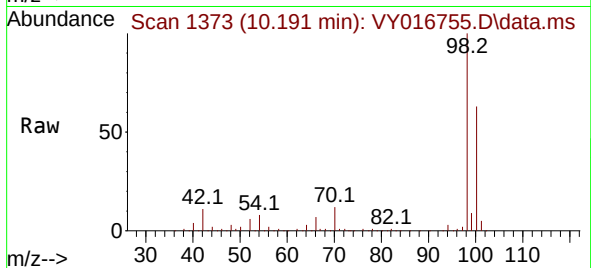
VY1221SBL01

Tgt Ion: 98 Resp: 238229

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 51.586 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016755.D

Acq: 21 Dec 2023 14:22

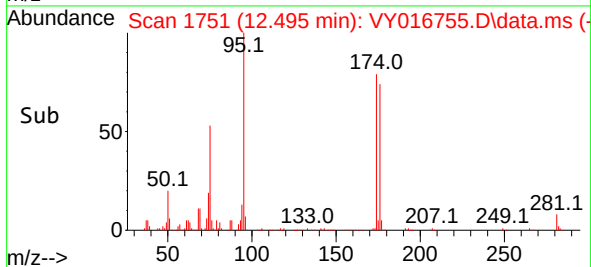
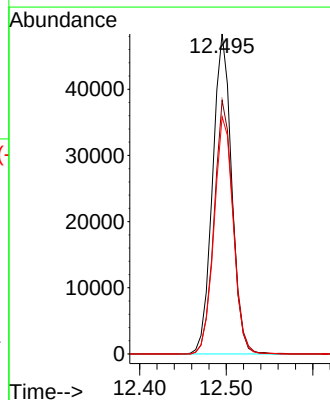
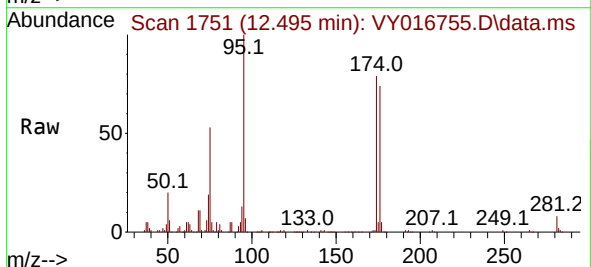
Tgt Ion: 95 Resp: 73811

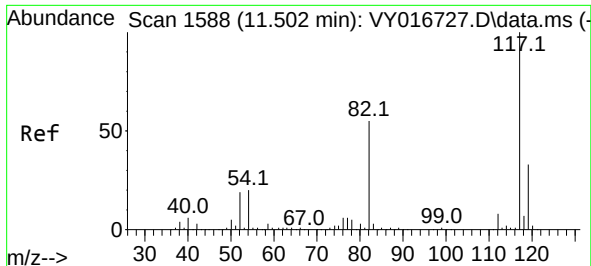
Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.0

176 74.7 0.0 151.8

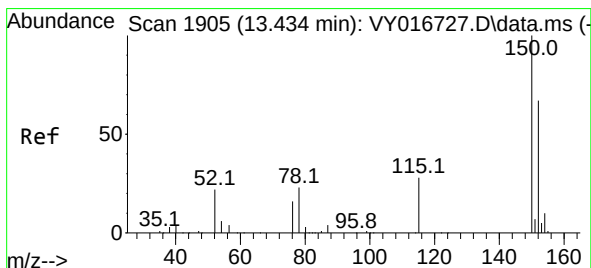
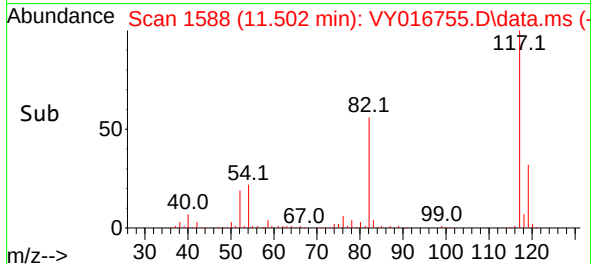
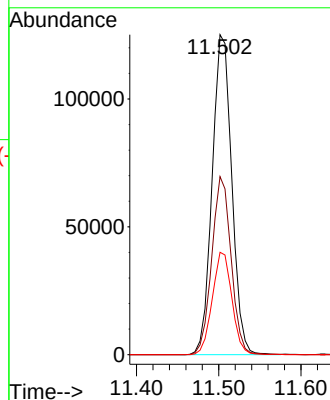
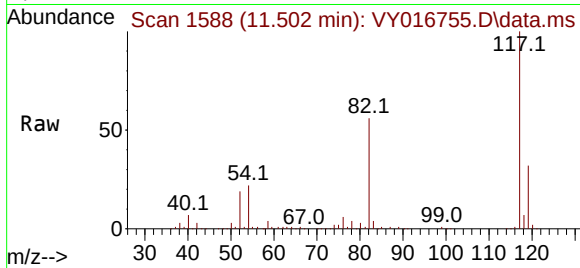




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016755.D
Acq: 21 Dec 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

Tgt Ion:117 Resp: 207175
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016755.D
Acq: 21 Dec 2023 14:22

Tgt Ion:152 Resp: 78140
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 157.8 0.0 344.6

