

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011773.D
 Acq On : 12 Dec 2022 15:57
 Operator : KP/MD
 Sample : N5995-01
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1282022-B1-S1

Quant Time: Dec 13 00:20:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	268920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	465624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	402265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95247	52.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.220%
35) Dibromofluoromethane	7.716	113	96360	46.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.179	98	270298	38.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.600%
62) 4-Bromofluorobenzene	12.483	95	102912	36.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.860%

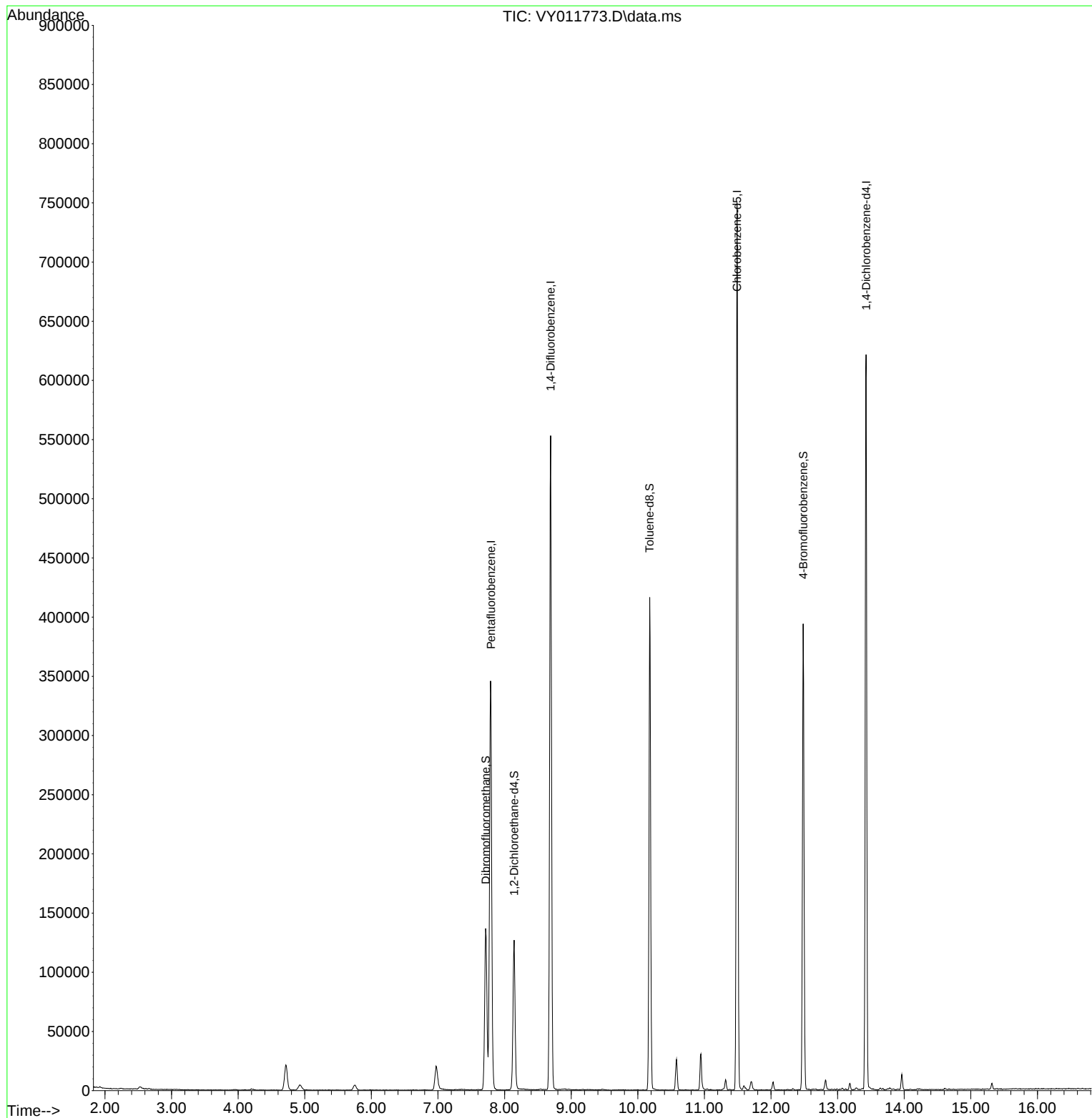
Target Compounds	Qvalue

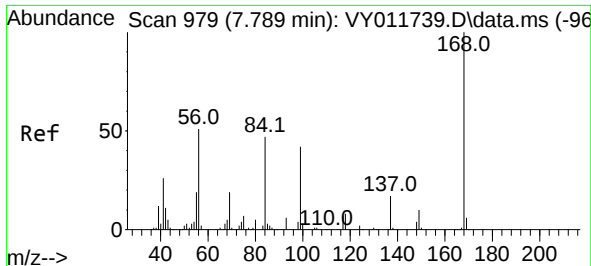
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
Data File : VY011773.D
Acq On : 12 Dec 2022 15:57
Operator : KP/MD
Sample : N5995-01
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1282022-B1-S1

Quant Time: Dec 13 00:20:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

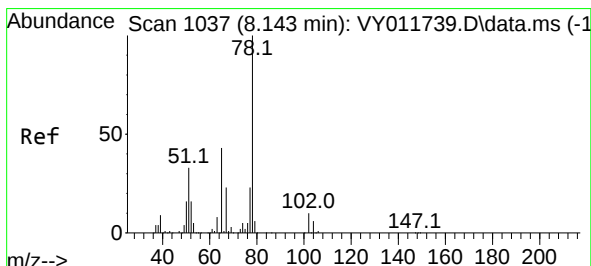
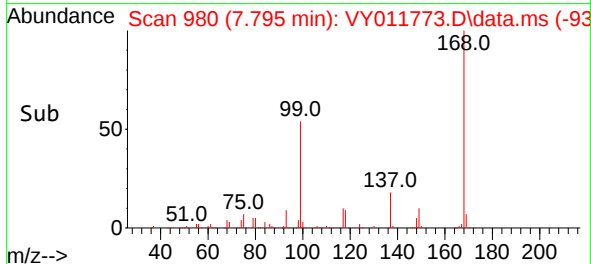
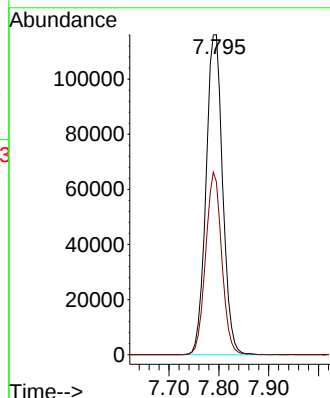
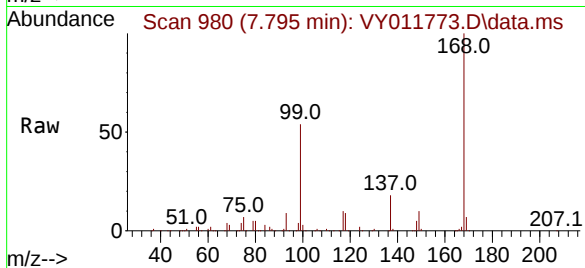




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011773.D
Acq: 12 Dec 2022 15:57

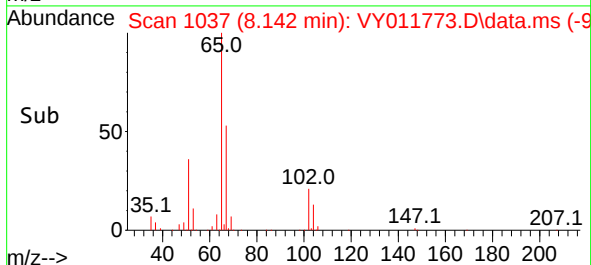
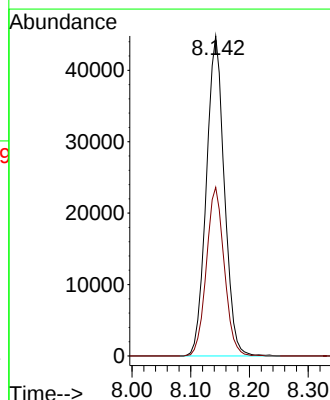
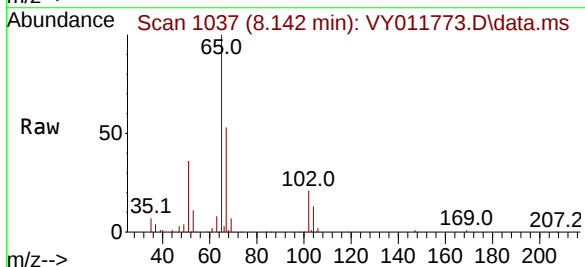
Instrument :
MSVOA_Y
ClientSampleId :
1282022-B1-S1

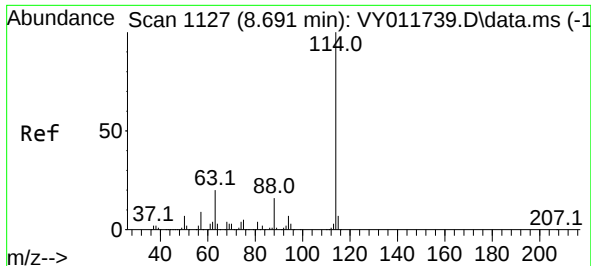
Tgt Ion:168 Resp: 268920
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.106 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011773.D
Acq: 12 Dec 2022 15:57

Tgt Ion: 65 Resp: 95247
Ion Ratio Lower Upper
65 100
67 52.3 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: VY011773.D

Acq: 12 Dec 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

1282022-B1-S1

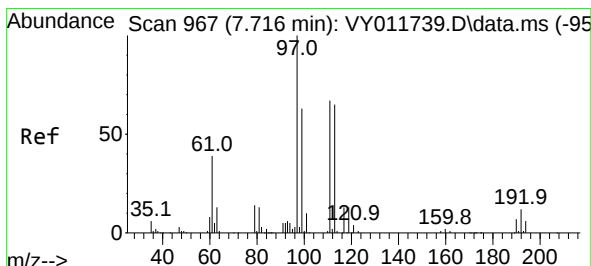
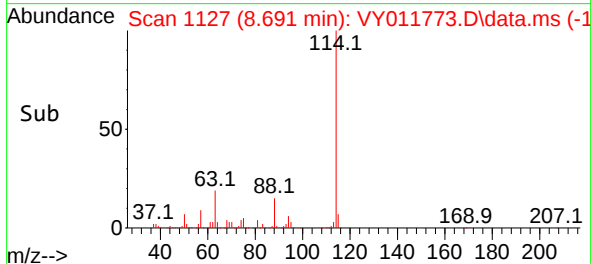
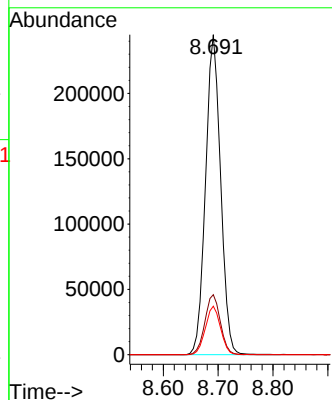
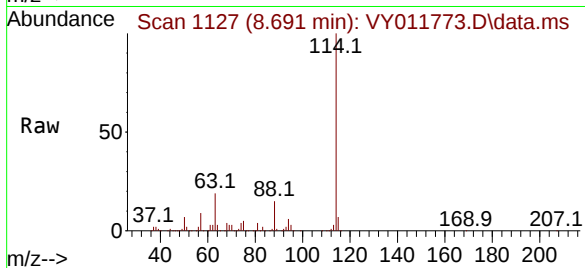
Tgt Ion:114 Resp: 465624

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.291 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011773.D

Acq: 12 Dec 2022 15:57

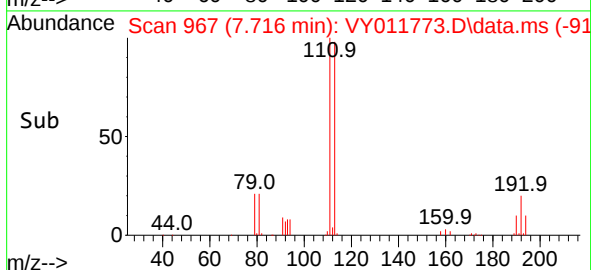
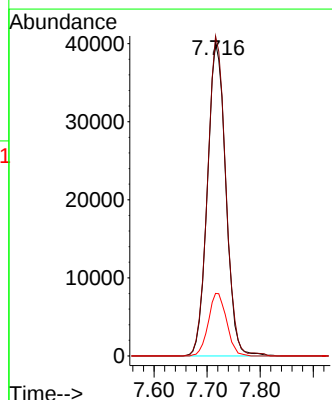
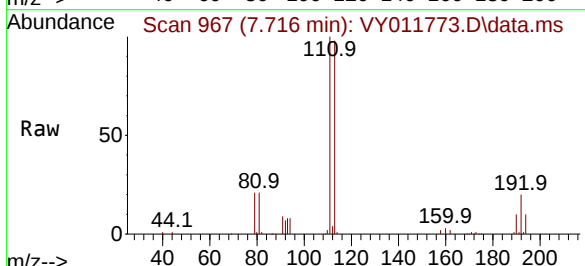
Tgt Ion:113 Resp: 96360

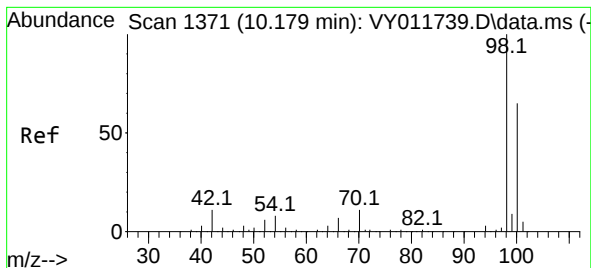
Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

192 19.9 16.0 24.0





#50

Toluene-d8

Concen: 38.298 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011773.D

Acq: 12 Dec 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

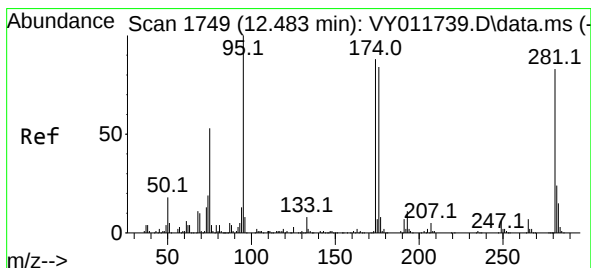
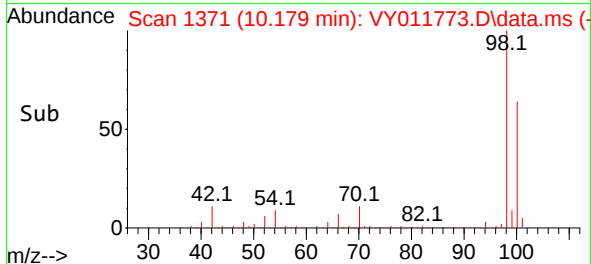
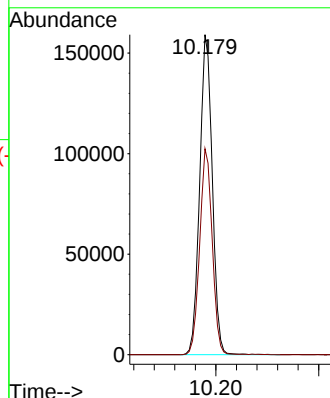
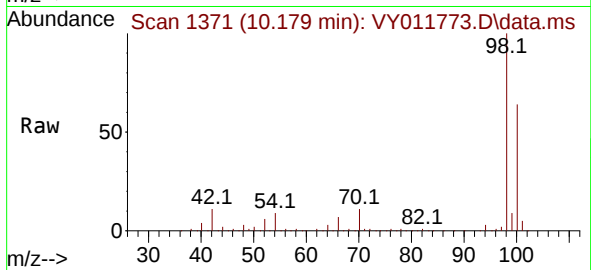
1282022-B1-S1

Tgt Ion: 98 Resp: 270298

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.927 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011773.D

Acq: 12 Dec 2022 15:57

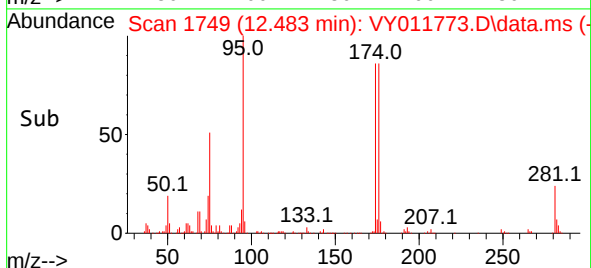
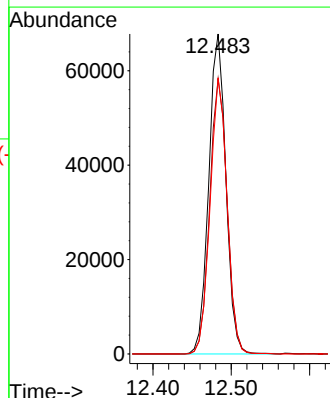
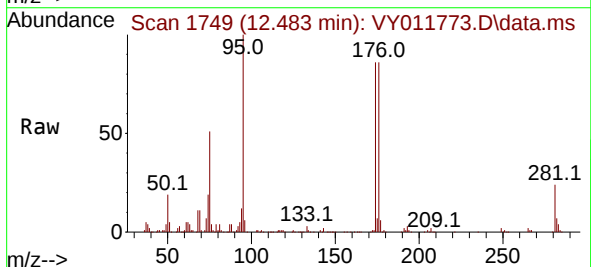
Tgt Ion: 95 Resp: 102912

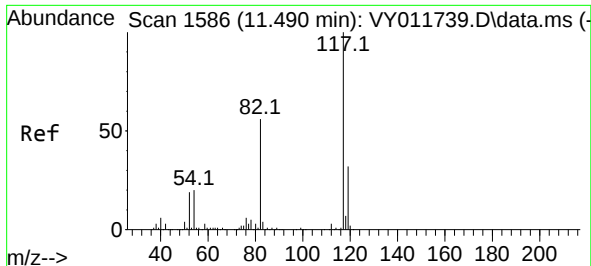
Ion Ratio Lower Upper

95 100

174 87.4 0.0 172.0

176 85.4 0.0 167.6

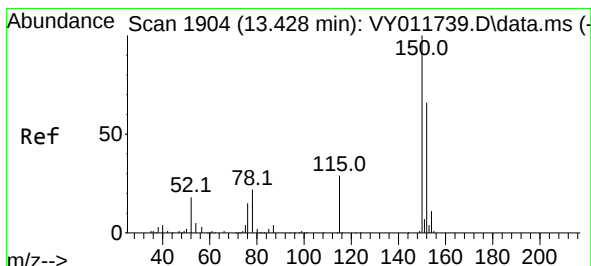
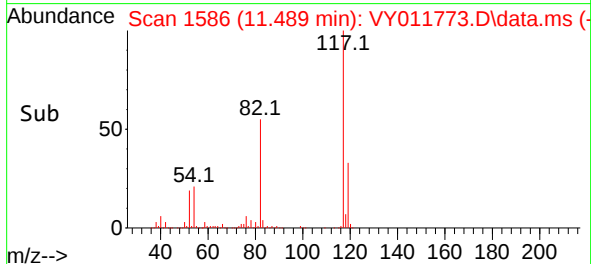
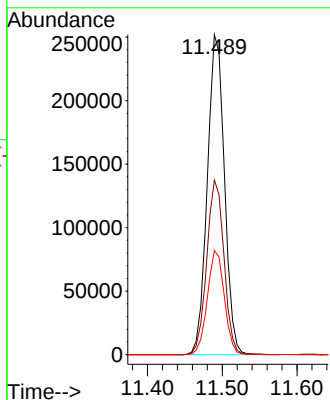
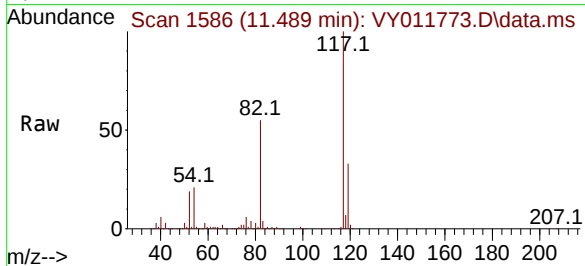




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011773.D
Acq: 12 Dec 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
1282022-B1-S1

Tgt Ion:117 Resp: 402265
Ion Ratio Lower Upper
117 100
82 54.6 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: VY011773.D
Acq: 12 Dec 2022 15:57

Tgt Ion:152 Resp: 165386
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 158.8 0.0 342.6

