

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009824.D
 Acq On : 04 Aug 2022 12:03
 Operator : KP/MD
 Sample : VY0804SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0804SBL01

Quant Time: Aug 05 01:41:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	46187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	88805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24501	66.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.080%
35) Dibromofluoromethane	7.709	113	21802	40.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.540%
50) Toluene-d8	10.178	98	79040	49.679	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.477	95	27325	37.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.540%

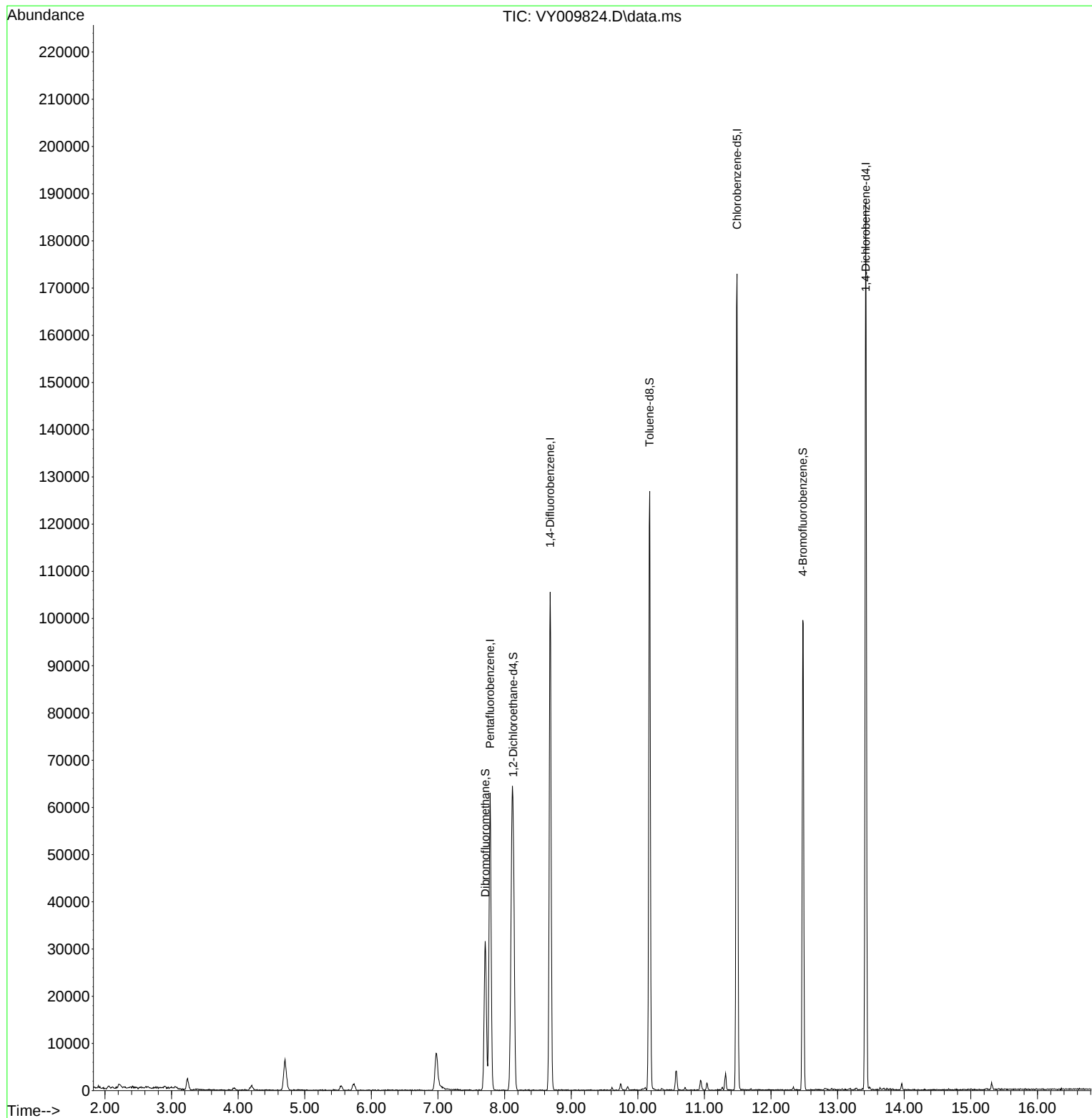
Target Compounds	Qvalue

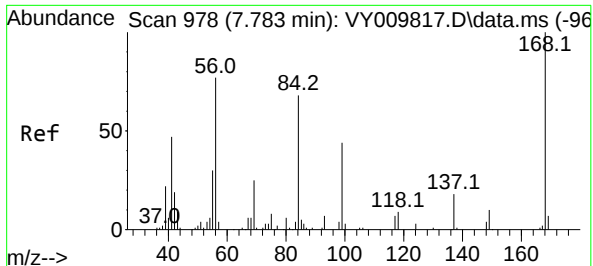
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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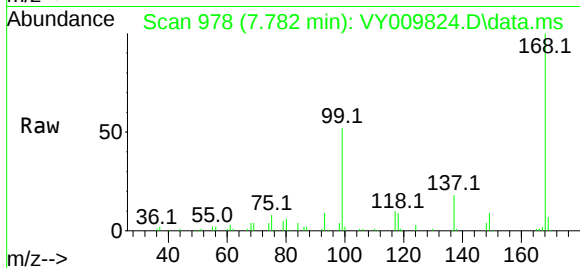
Quant Time: Aug 05 01:41:58 2022
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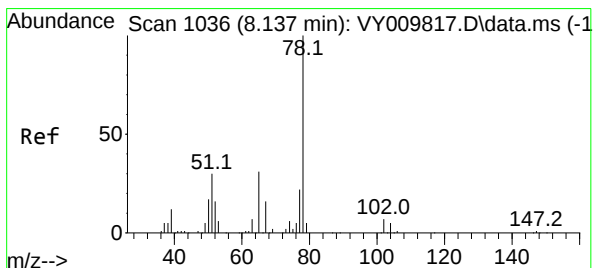
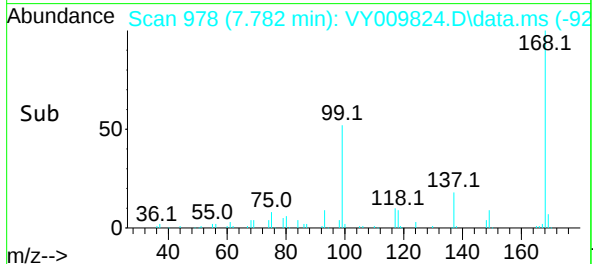
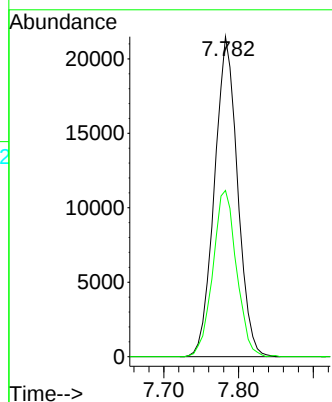


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0804SBL01

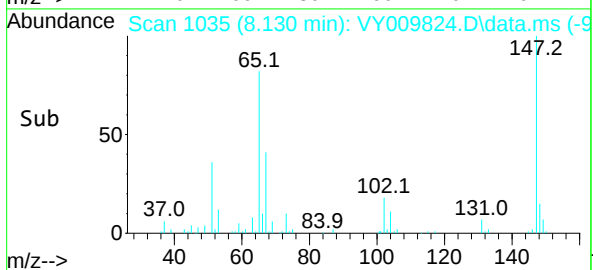
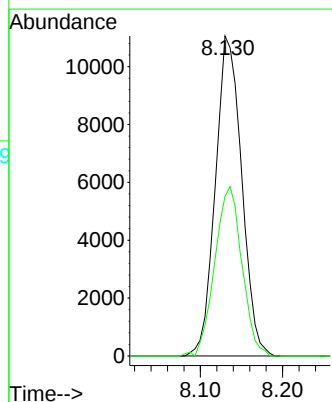
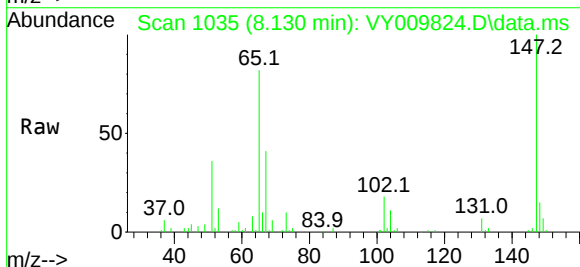


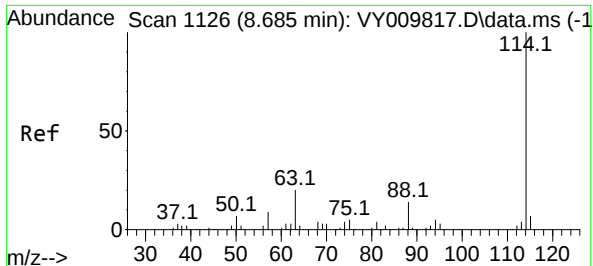
Tgt Ion:168 Resp: 46187
Ion Ratio Lower Upper
168 100
99 52.0 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 66.537 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Tgt Ion: 65 Resp: 24501
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0804SBL01

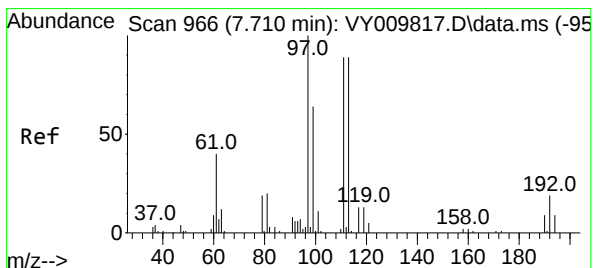
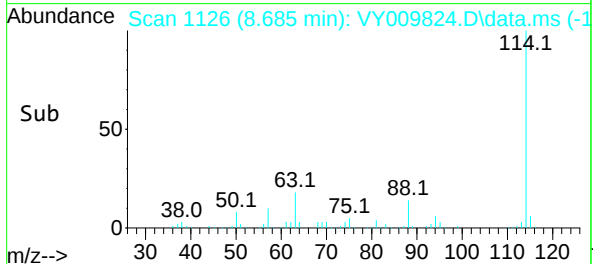
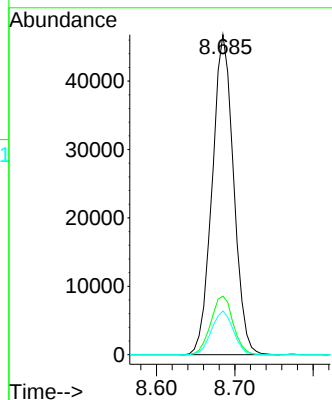
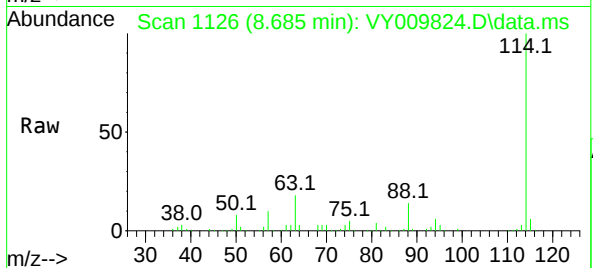
Tgt Ion:114 Resp: 88805

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 13.6 0.0 27.6



#35

Dibromofluoromethane

Concen: 40.266 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

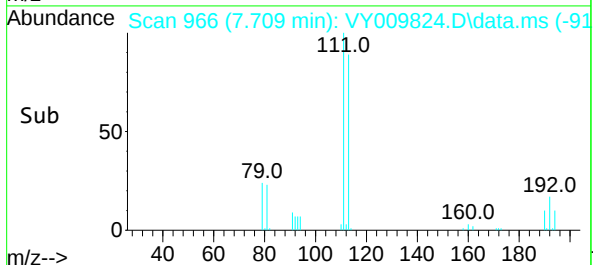
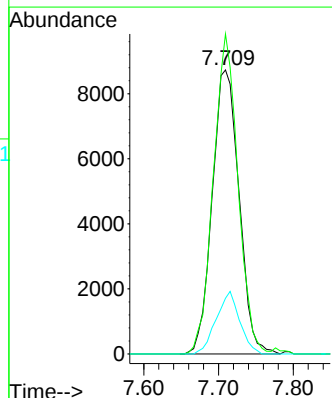
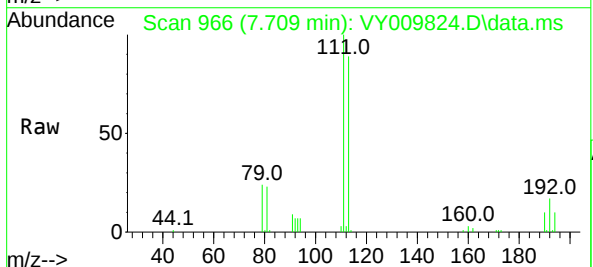
Tgt Ion:113 Resp: 21802

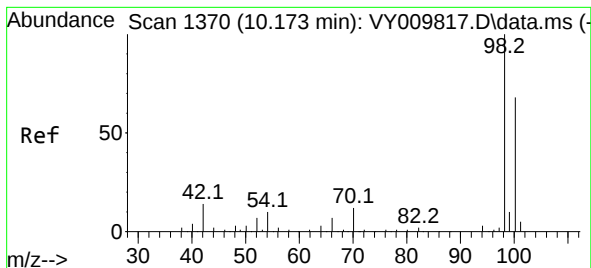
Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 19.3 16.5 24.7





#50

Toluene-d8

Concen: 49.679 ug/l

RT: 10.178 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

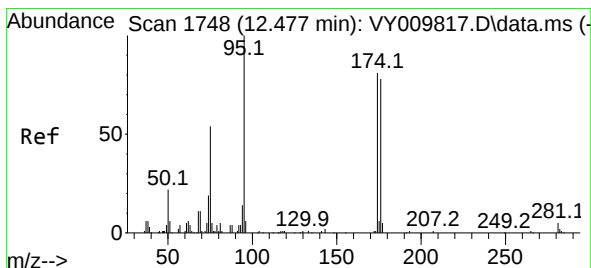
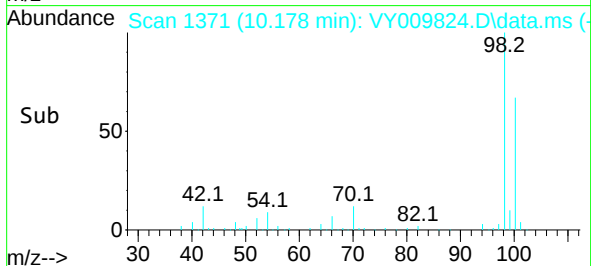
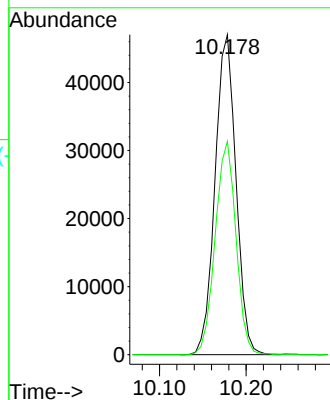
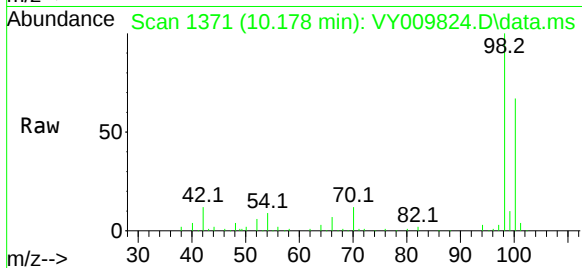
VY0804SBL01

Tgt Ion: 98 Resp: 79040

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 37.268 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.001 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

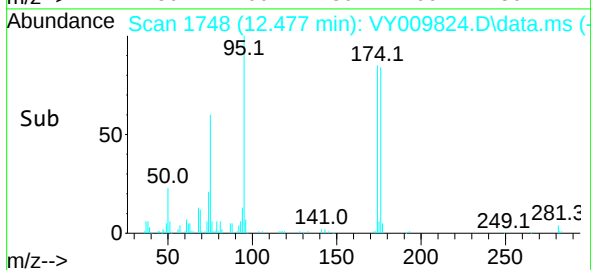
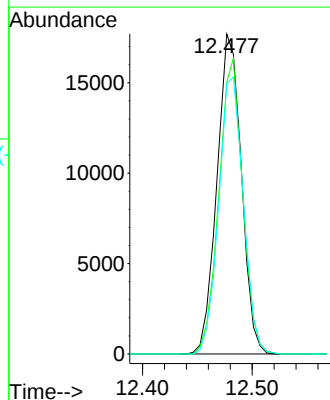
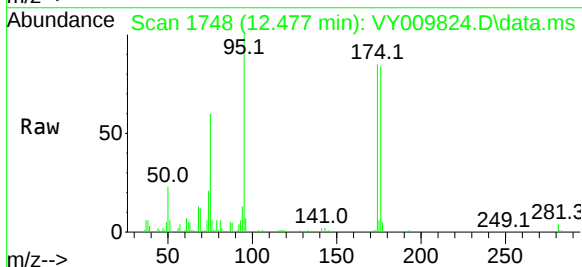
Tgt Ion: 95 Resp: 27325

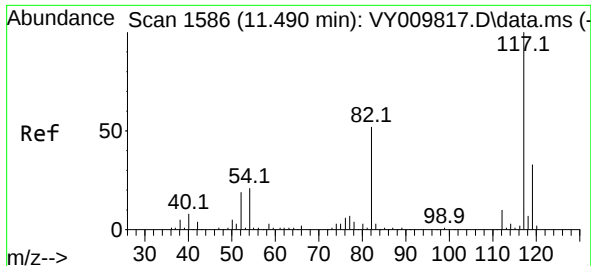
Ion Ratio Lower Upper

95 100

174 90.1 0.0 168.6

176 87.5 0.0 163.6

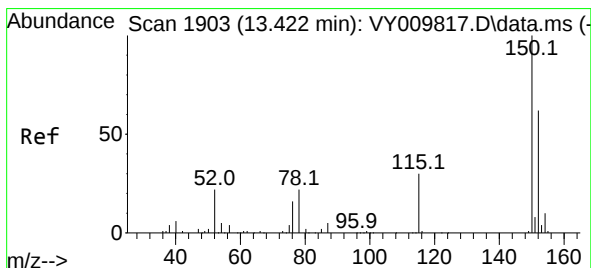
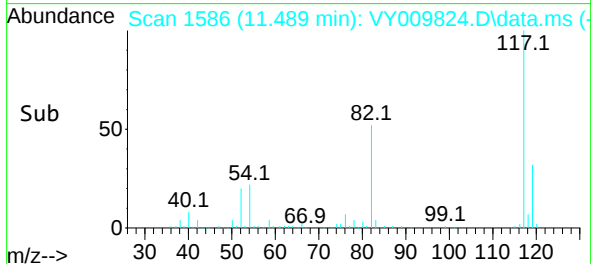
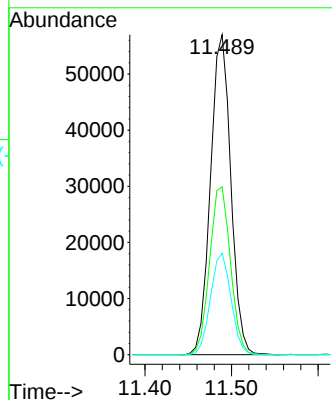
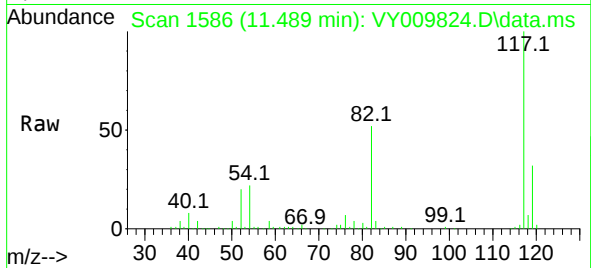




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0804SBL01

Tgt Ion:117 Resp: 92803
Ion Ratio Lower Upper
117 100
82 52.4 41.7 62.5
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.001 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Tgt Ion:152 Resp: 45379
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 156.2 0.0 354.2

