

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012924\
 Data File : VY017127.D
 Acq On : 29 Jan 2024 11:27
 Operator : SY/MD
 Sample : VY0129SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBL01

Quant Time: Jan 30 00:28:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	91022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	192651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	187428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	43733	49.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.734	113	46379	39.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.780%
50) Toluene-d8	10.197	98	171245	38.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.980%
62) 4-Bromofluorobenzene	12.495	95	54448	40.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.500%

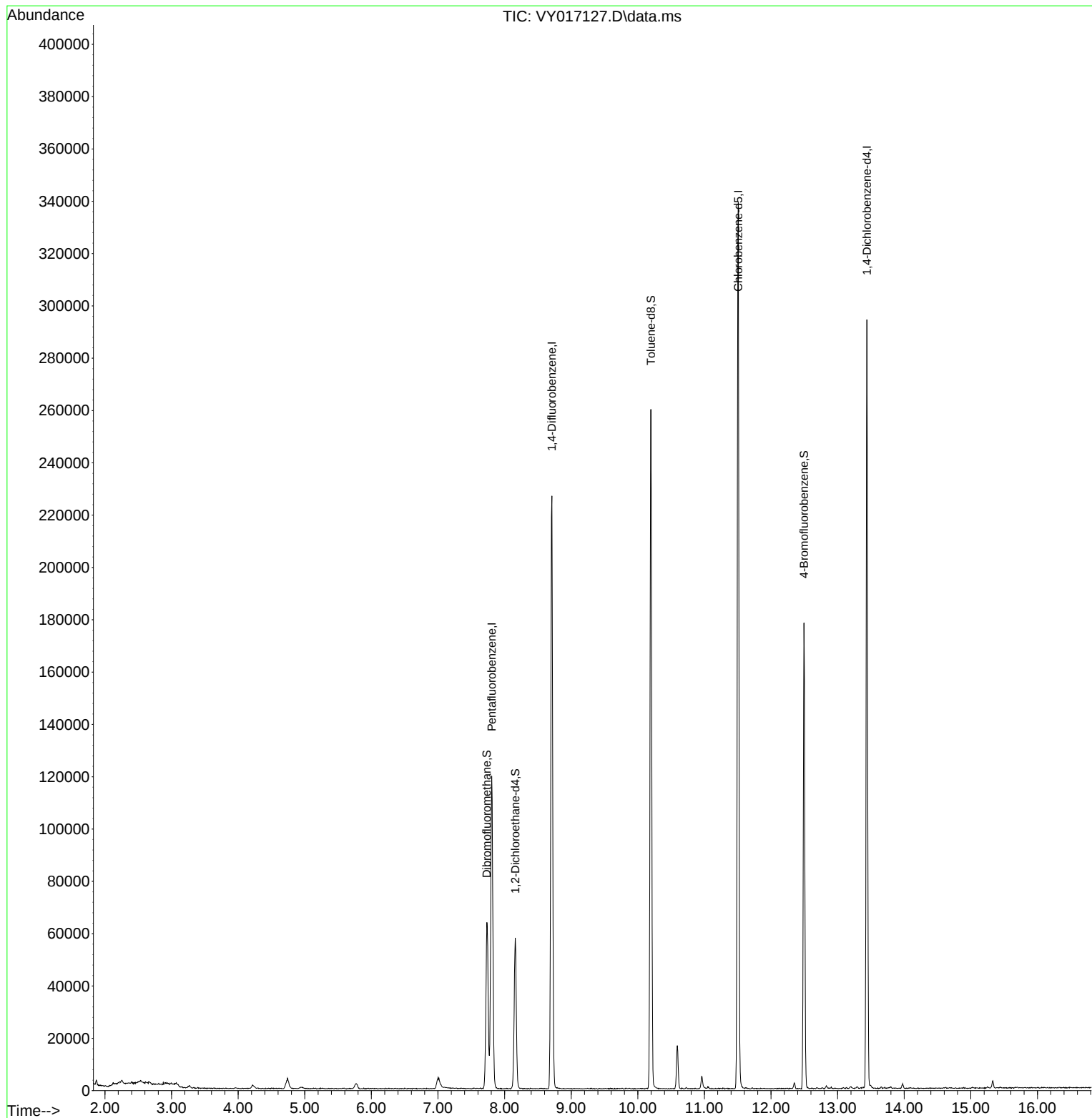
Target Compounds	Qvalue

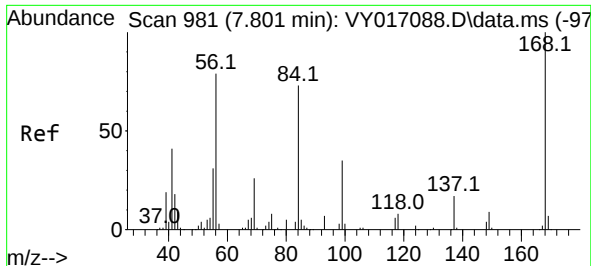
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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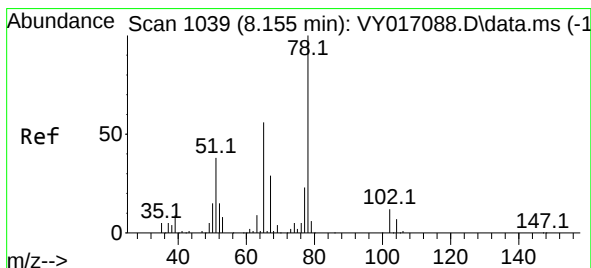
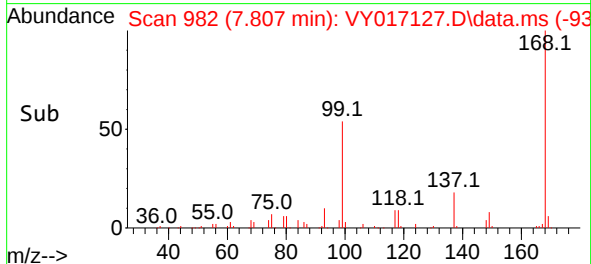
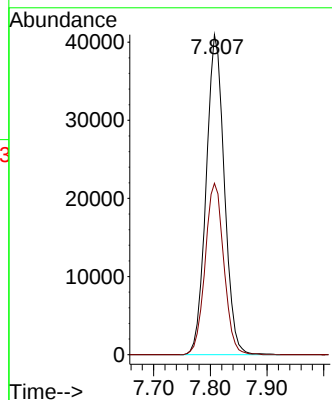
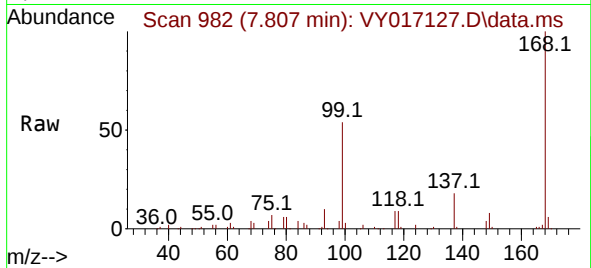




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

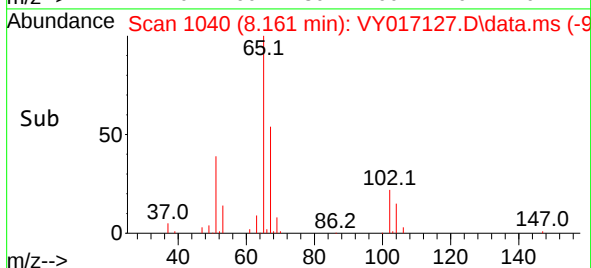
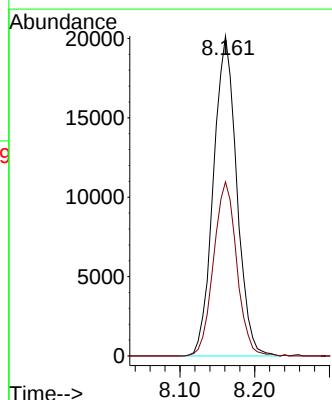
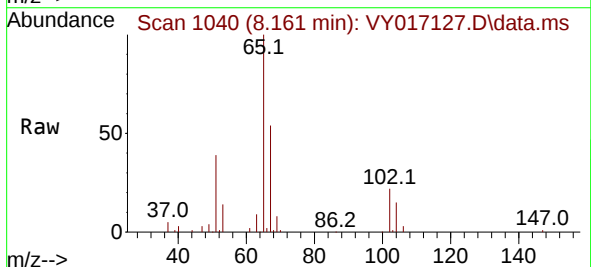
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

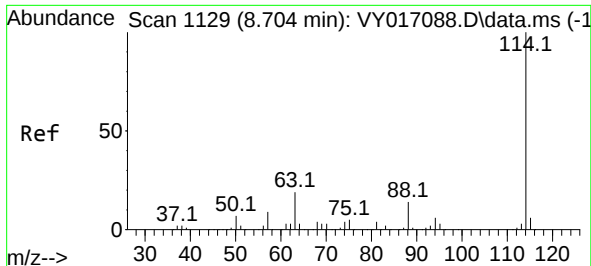
Tgt Ion:168 Resp: 91022
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.314 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

Tgt Ion: 65 Resp: 43733
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017127.D

Acq: 29 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBL01

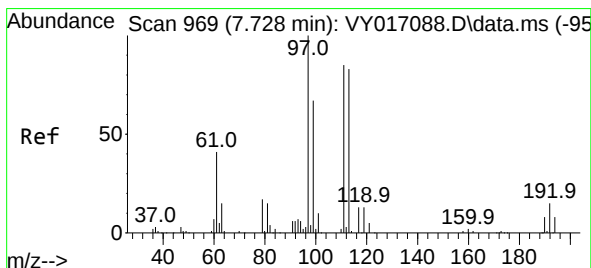
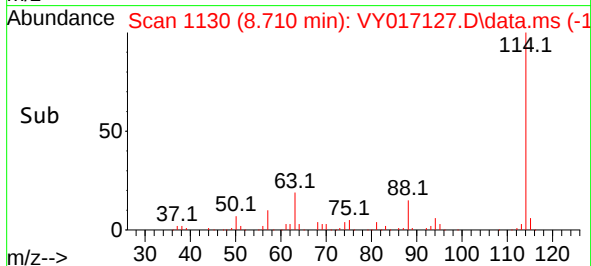
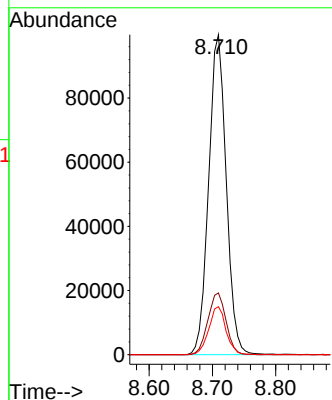
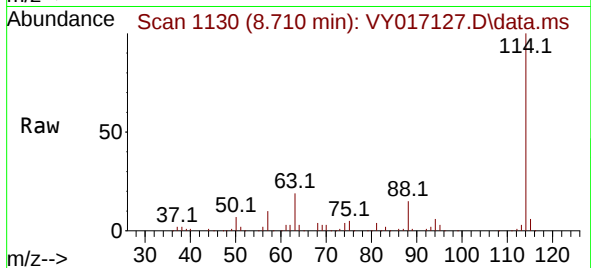
Tgt Ion:114 Resp: 192651

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.888 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017127.D

Acq: 29 Jan 2024 11:27

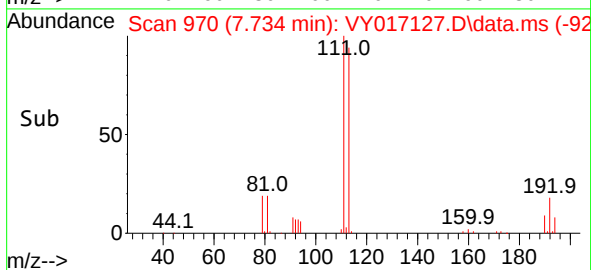
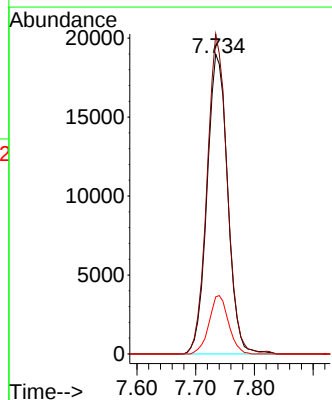
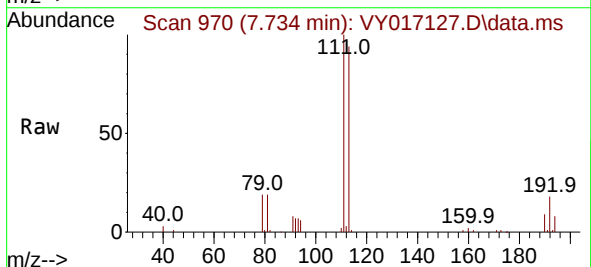
Tgt Ion:113 Resp: 46379

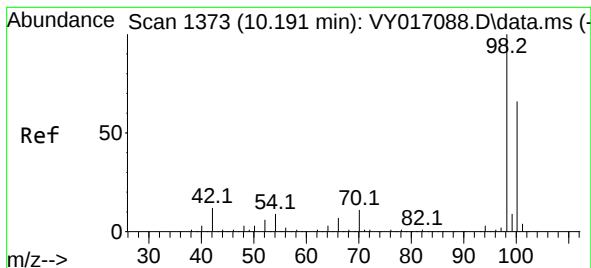
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.3 14.5 21.7





#50

Toluene-d8

Concen: 38.993 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017127.D

Acq: 29 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

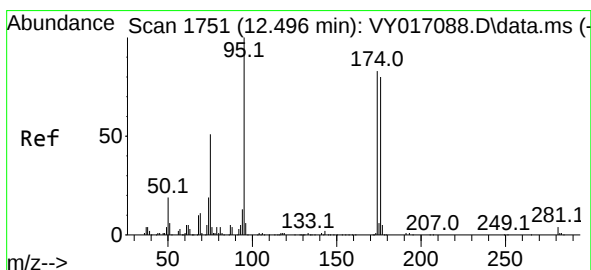
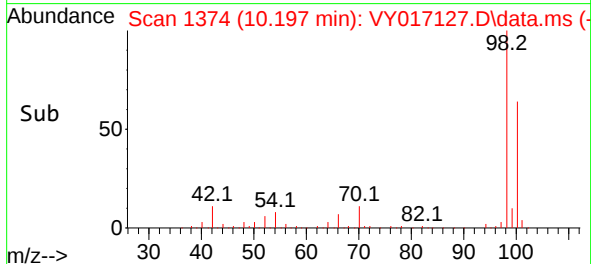
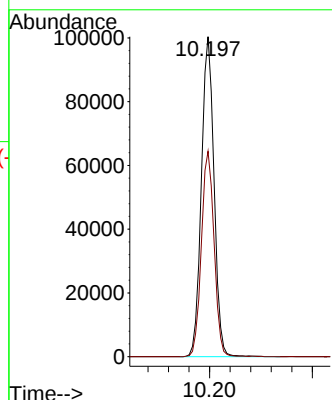
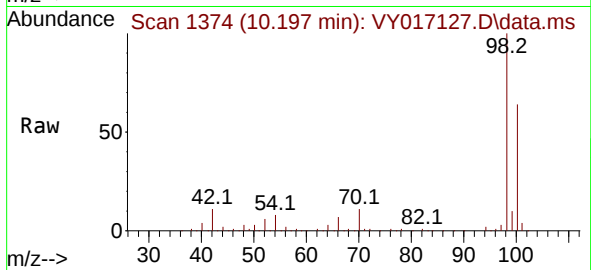
VY0129SBL01

Tgt Ion: 98 Resp: 171245

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.246 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017127.D

Acq: 29 Jan 2024 11:27

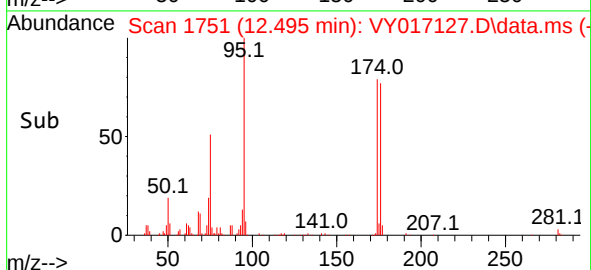
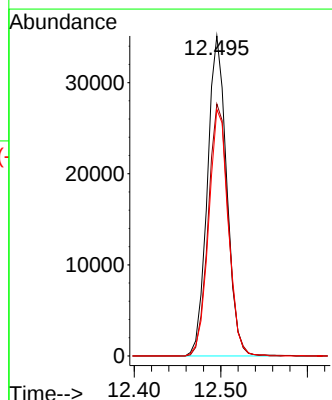
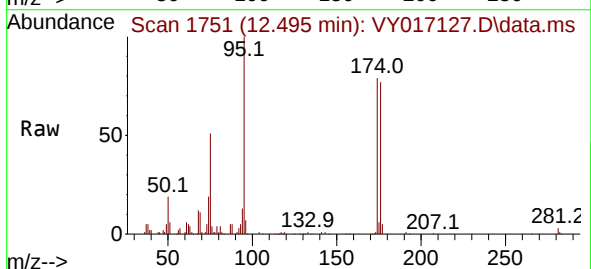
Tgt Ion: 95 Resp: 54448

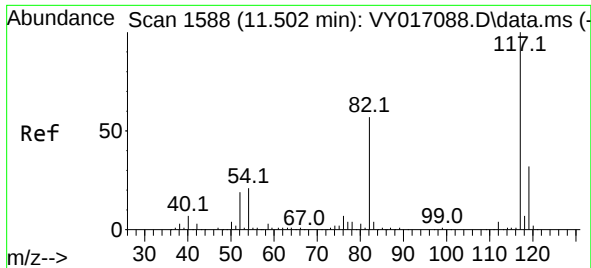
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.0

176 78.1 0.0 151.8

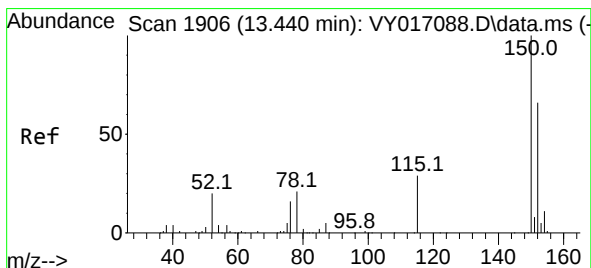
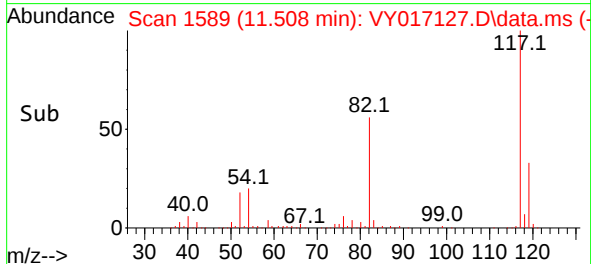
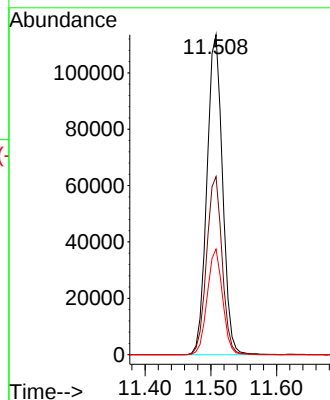
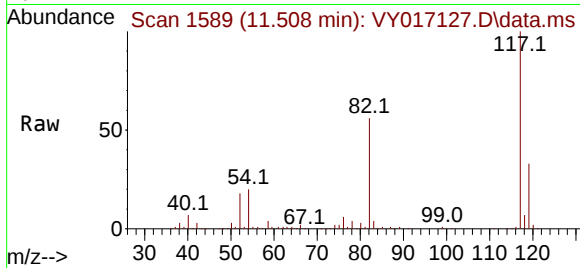




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

Tgt Ion:117 Resp: 187428
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 33.0 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: VY017127.D
Acq: 29 Jan 2024 11:27

Tgt Ion:152 Resp: 71920
Ion Ratio Lower Upper
152 100
115 58.5 30.0 90.0
150 157.9 0.0 344.6

