

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017427.D
 Acq On : 21 Feb 2024 09:38
 Operator : SY/MD
 Sample : VY0221SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBL01

Quant Time: Feb 22 03:21:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	115819	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	216248	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	188058	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	66303	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44563	45.039	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.080%
35) Dibromofluoromethane	7.740	113	52103	41.161	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.320%
50) Toluene-d8	10.197	98	190544	38.812	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.620%
62) 4-Bromofluorobenzene	12.495	95	49154	30.711	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.420%

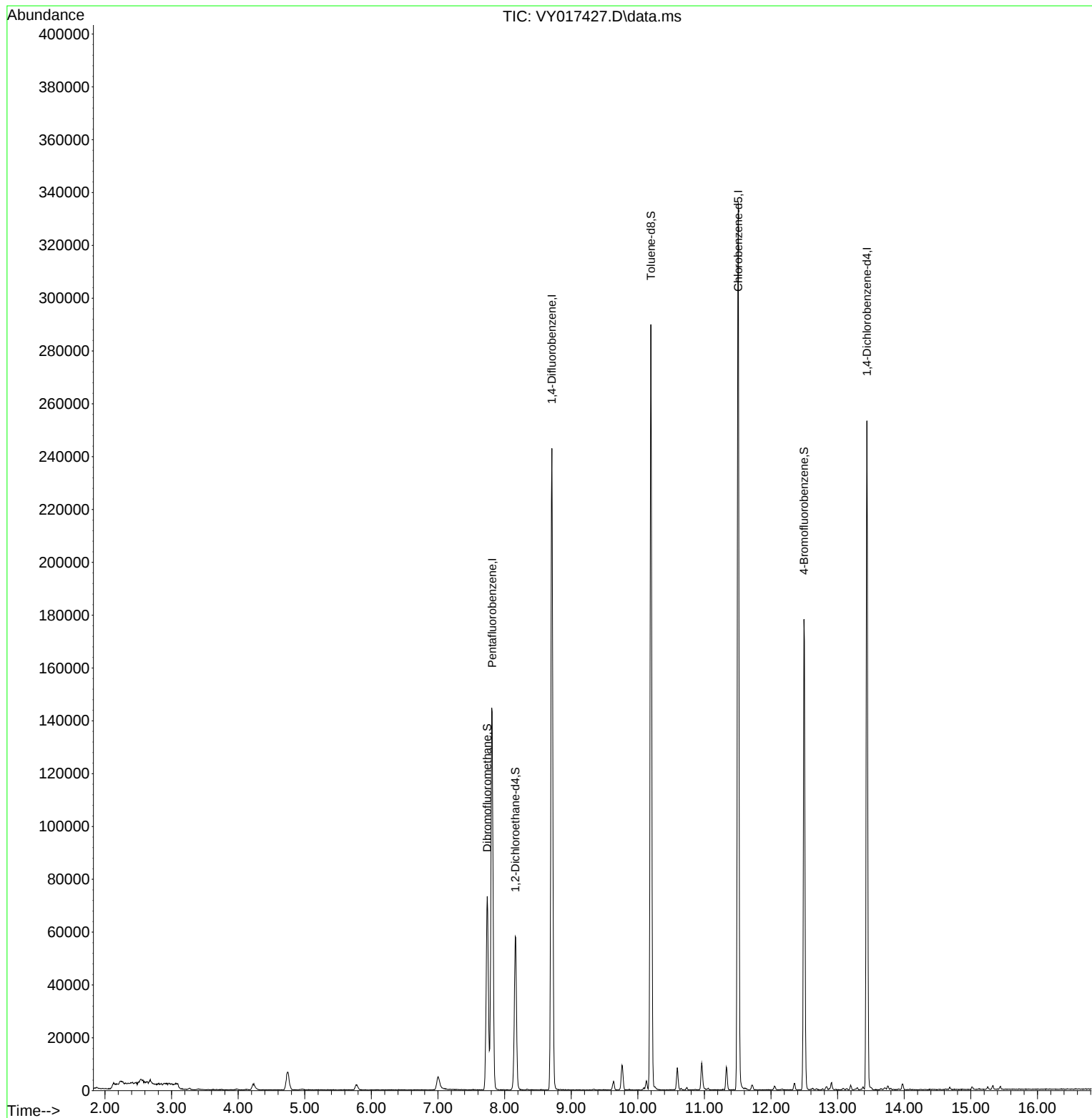
Target Compounds	Qvalue

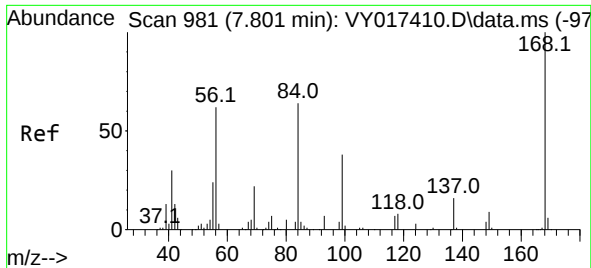
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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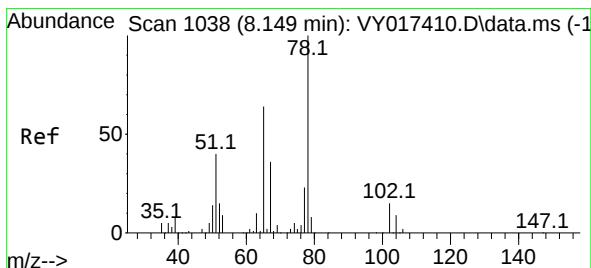
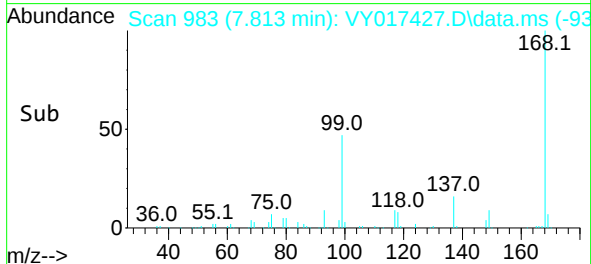
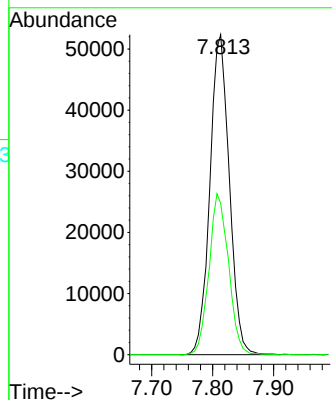
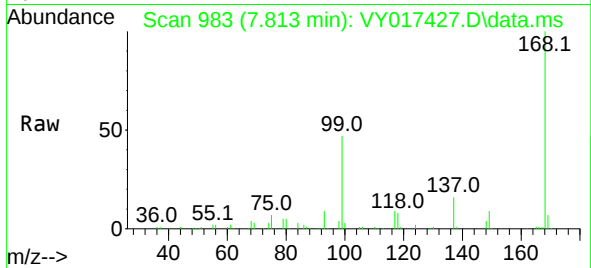




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

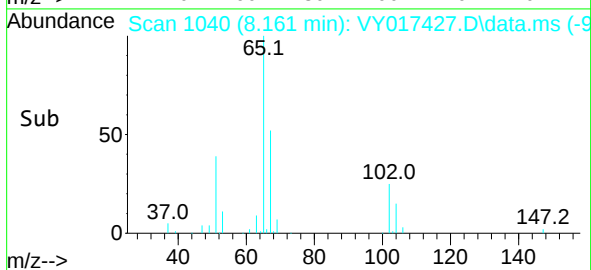
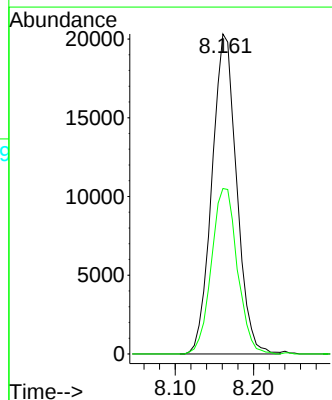
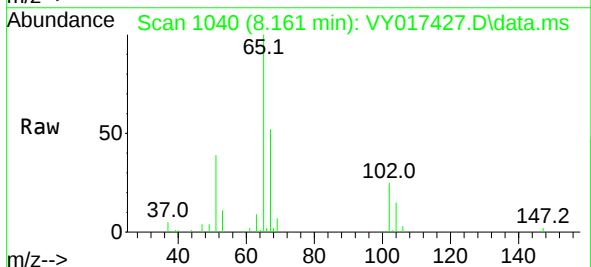
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

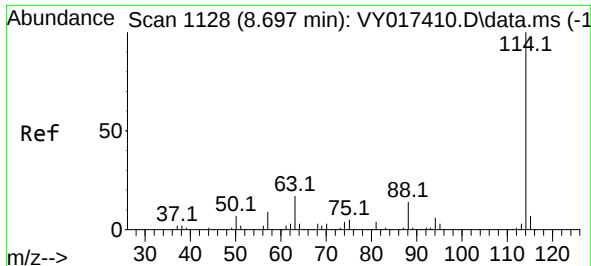
Tgt Ion:168 Resp: 115819
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.039 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Tgt Ion: 65 Resp: 44563
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBL01

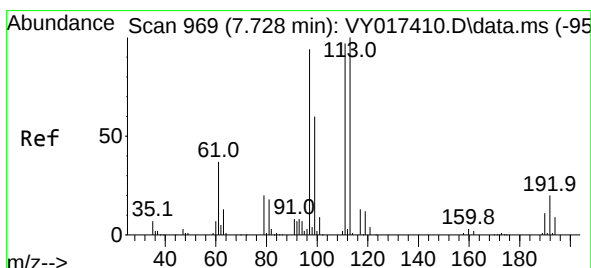
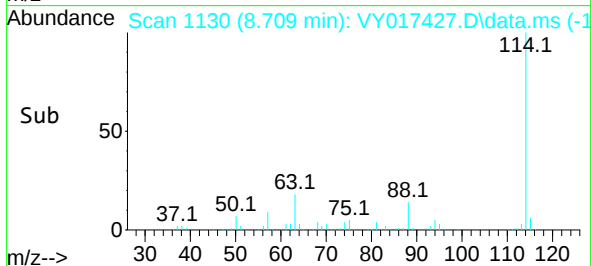
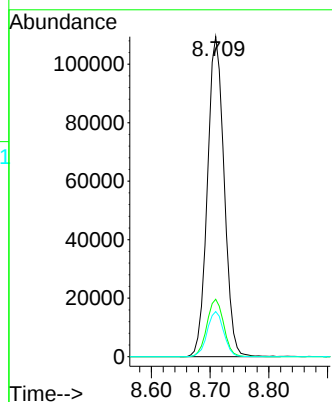
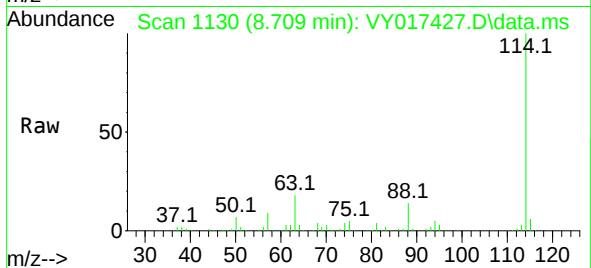
Tgt Ion:114 Resp: 216248

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.161 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

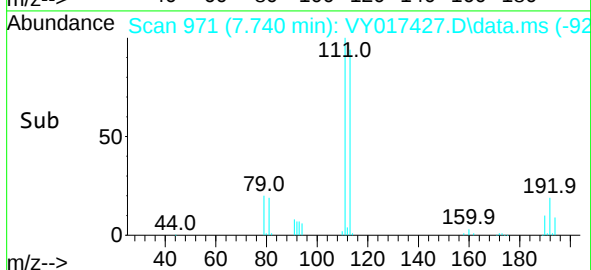
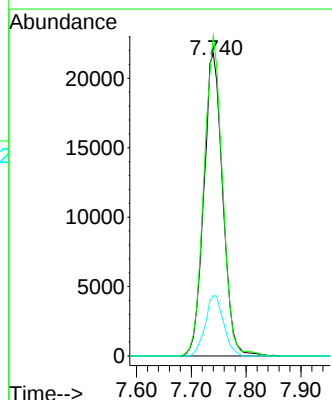
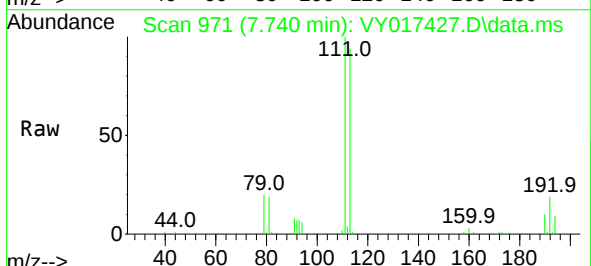
Tgt Ion:113 Resp: 52103

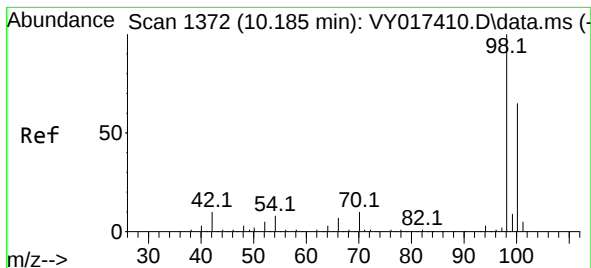
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 19.5 15.9 23.9





#50

Toluene-d8

Concen: 38.812 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

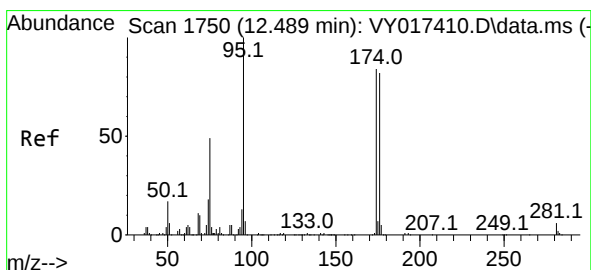
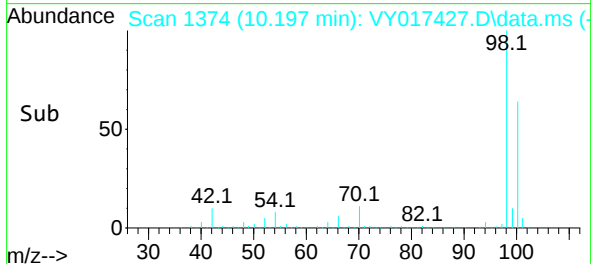
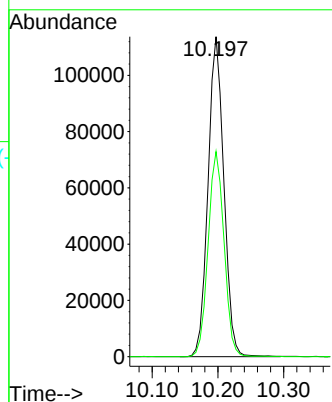
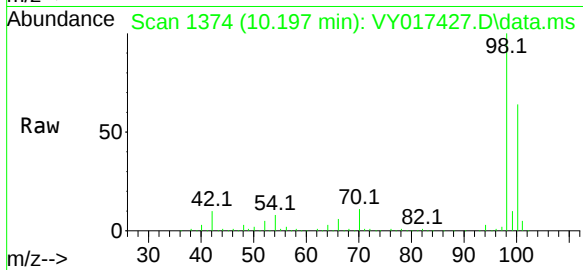
VY0221SBL01

Tgt Ion: 98 Resp: 190544

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.711 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

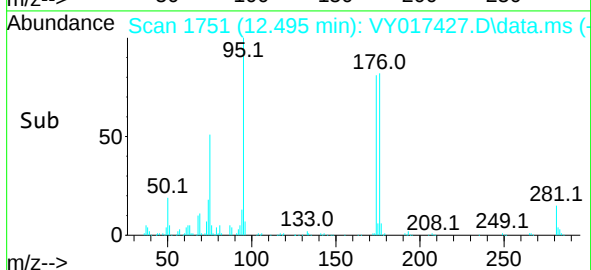
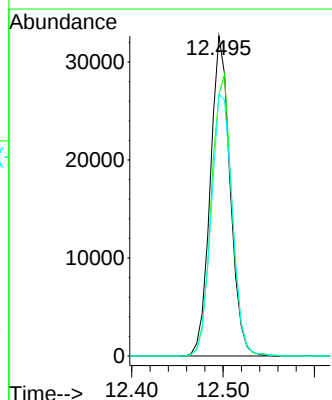
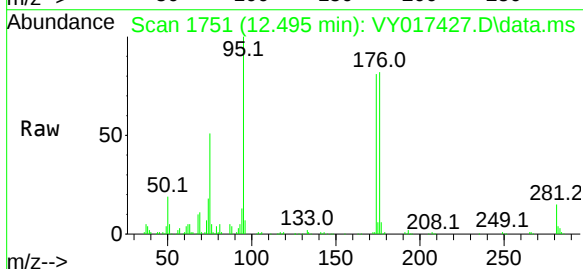
Tgt Ion: 95 Resp: 49154

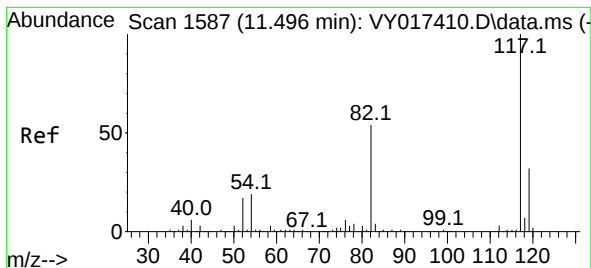
Ion Ratio Lower Upper

95 100

174 91.1 0.0 175.6

176 87.5 0.0 171.4

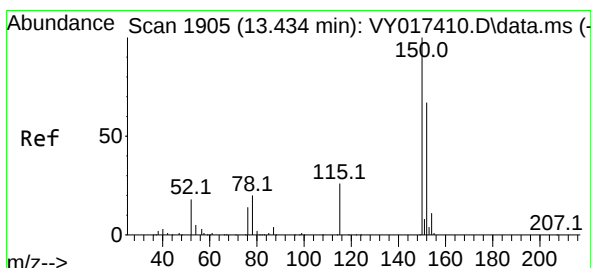
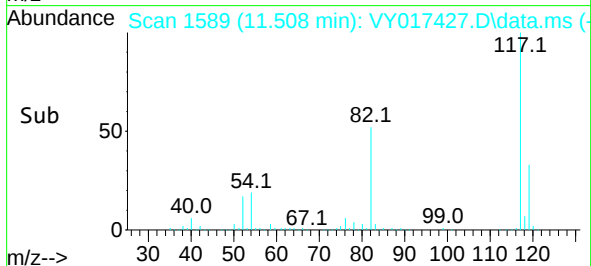
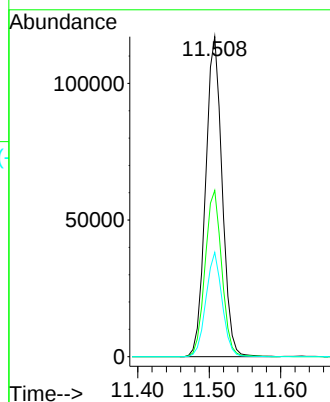
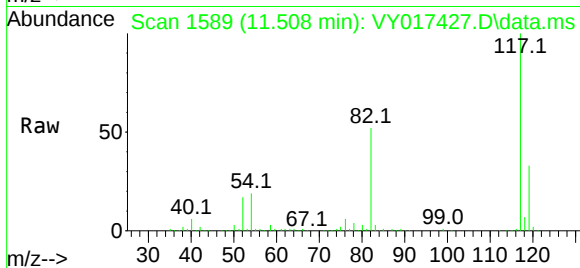




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Tgt Ion:117 Resp: 188058
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Tgt Ion:152 Resp: 66303
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 156.9 0.0 345.6

