

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016985.D
 Acq On : 12 Jan 2024 12:04
 Operator : SY/MD
 Sample : VY0112SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBL01

Quant Time: Jan 13 00:02:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	122066	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	253551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	242500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	91704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56041	46.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.900%
35) Dibromofluoromethane	7.740	113	61225	37.893	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.780%
50) Toluene-d8	10.197	98	224209	40.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.600%
62) 4-Bromofluorobenzene	12.496	95	71924	38.316	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.640%

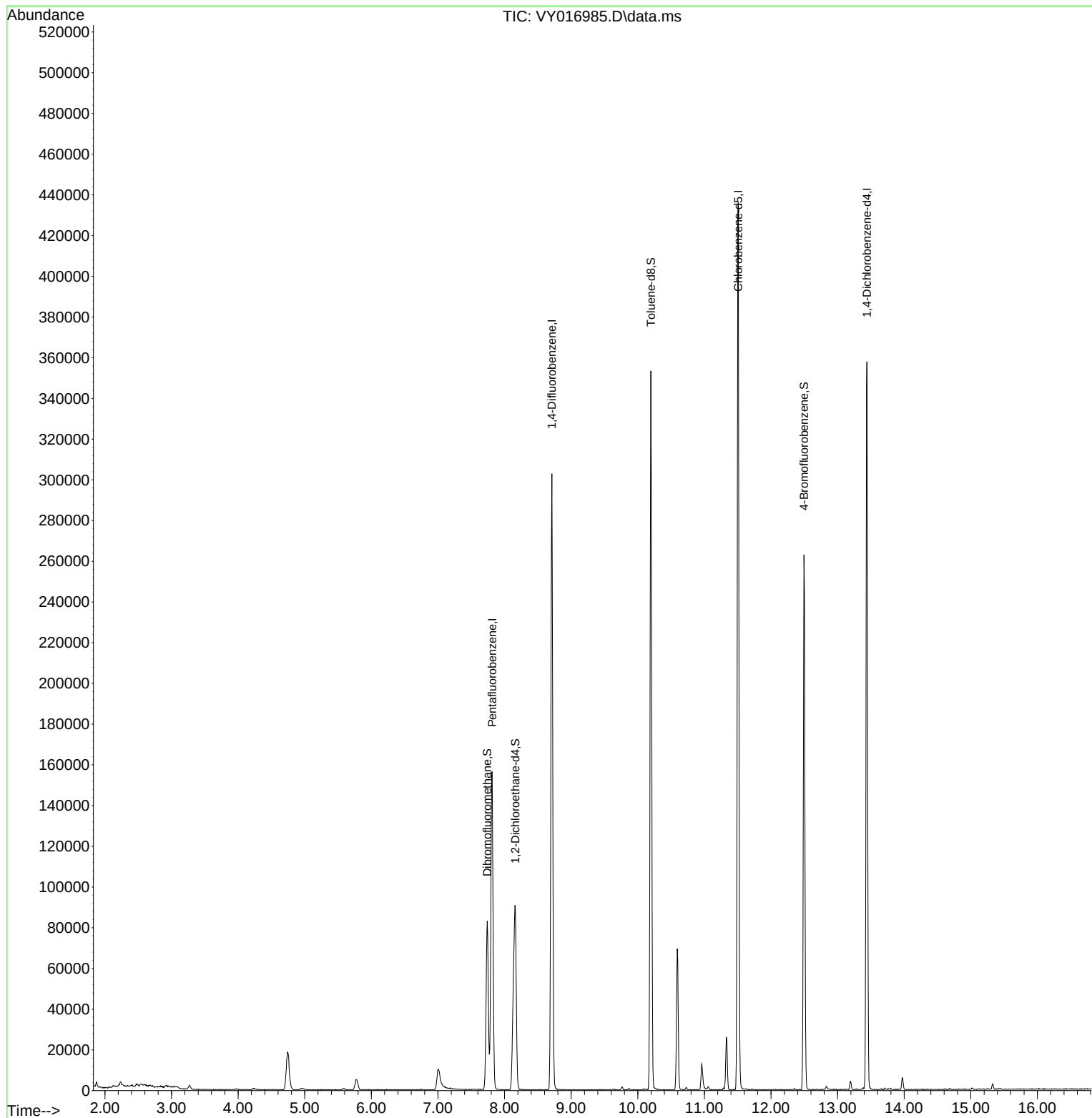
Target Compounds	Qvalue

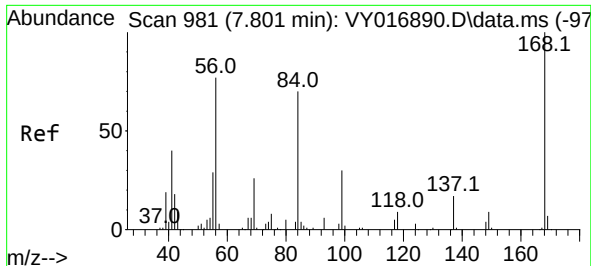
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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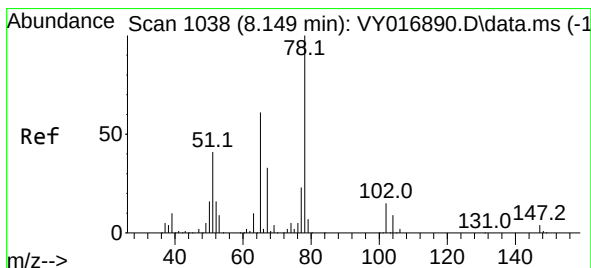
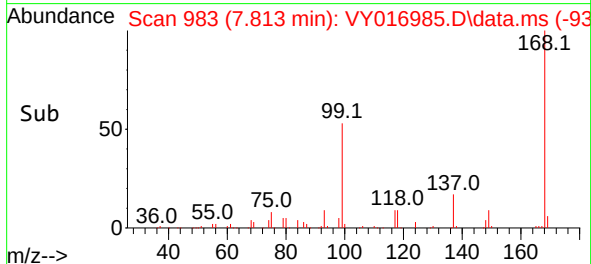
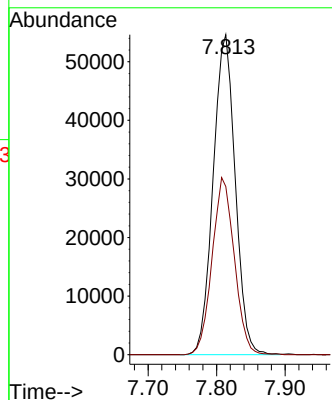
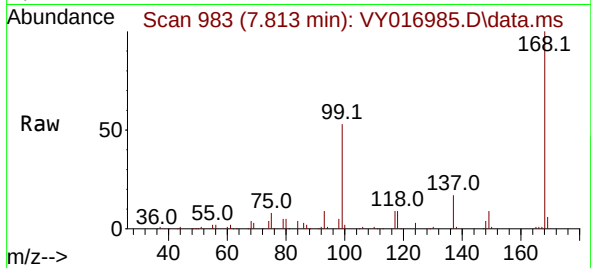




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016985.D
Acq: 12 Jan 2024 12:04

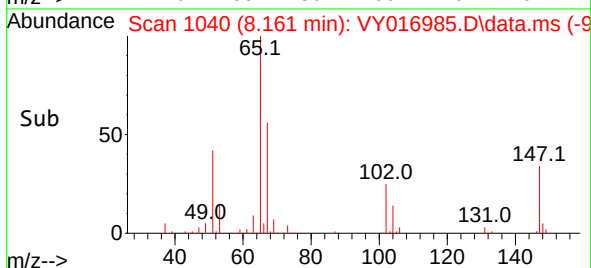
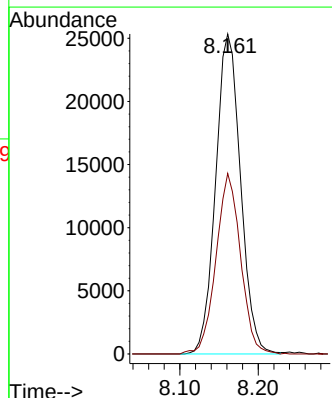
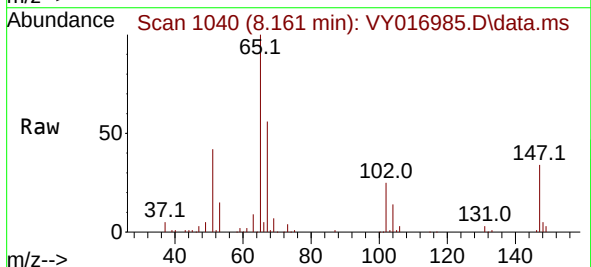
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

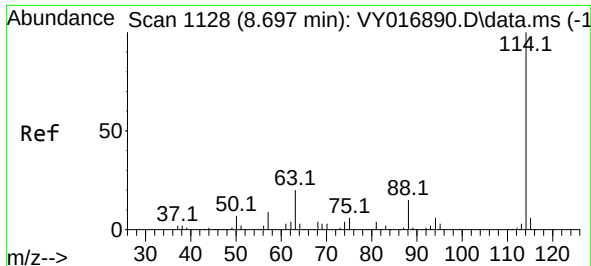
Tgt Ion:168 Resp: 122066
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.451 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016985.D
Acq: 12 Jan 2024 12:04

Tgt Ion: 65 Resp: 56041
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016985.D

Acq: 12 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBL01

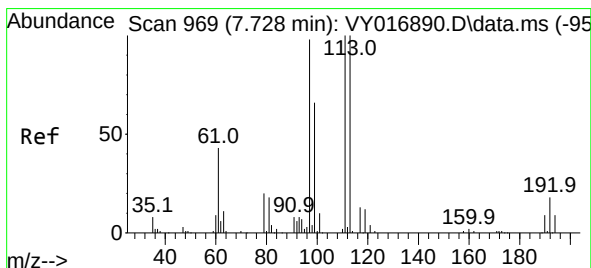
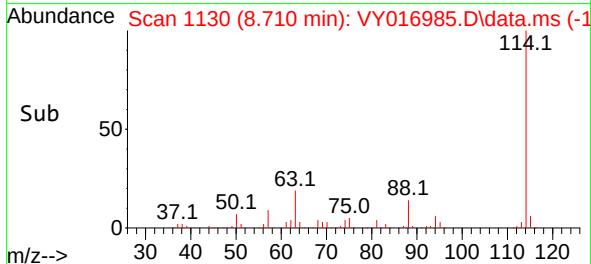
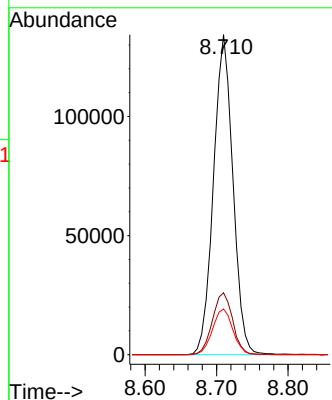
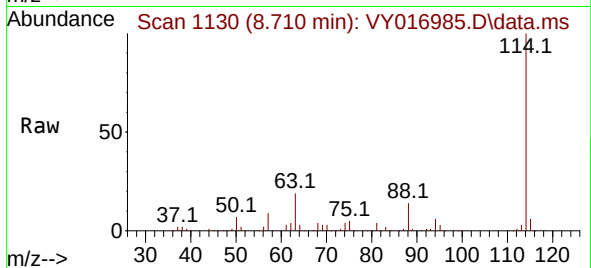
Tgt Ion:114 Resp: 253551

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.893 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016985.D

Acq: 12 Jan 2024 12:04

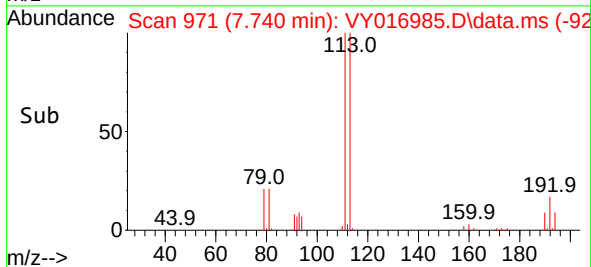
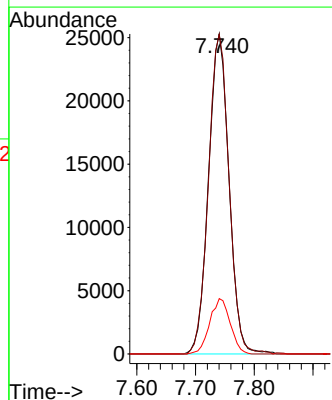
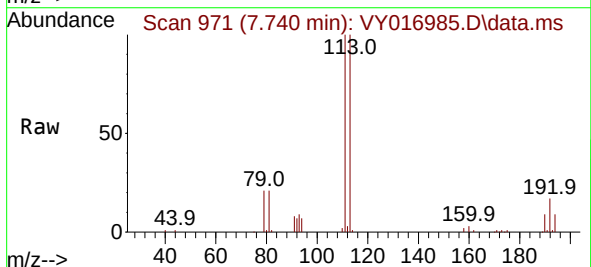
Tgt Ion:113 Resp: 61225

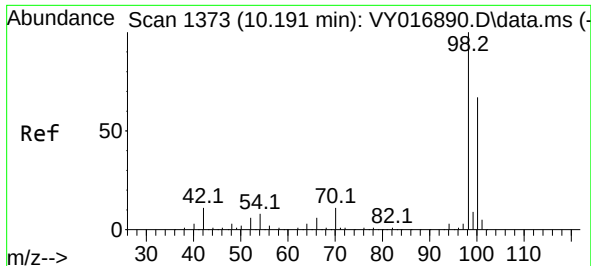
Ion Ratio Lower Upper

113 100

111 100.2 83.8 125.6

192 17.3 14.5 21.7

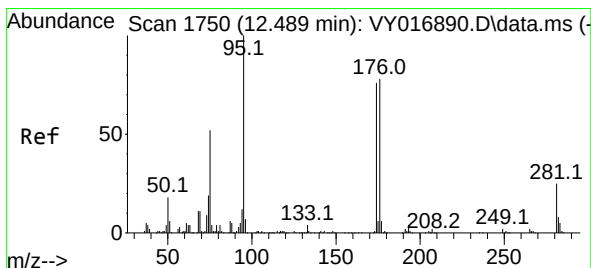
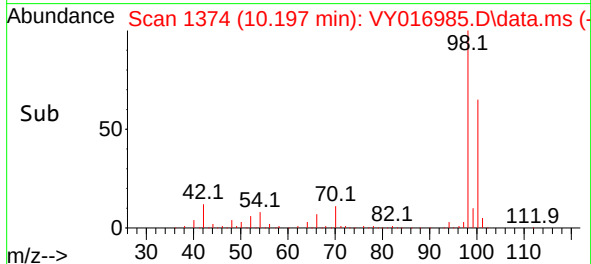
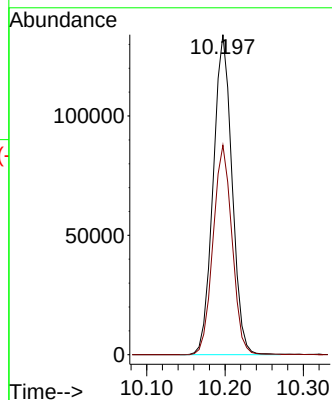
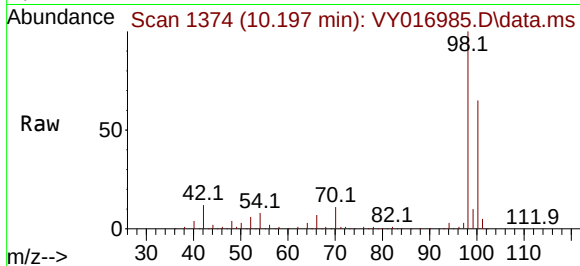




#50
Toluene-d8
Concen: 40.298 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016985.D
Acq: 12 Jan 2024 12:04

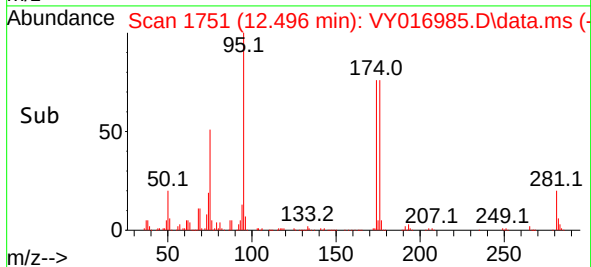
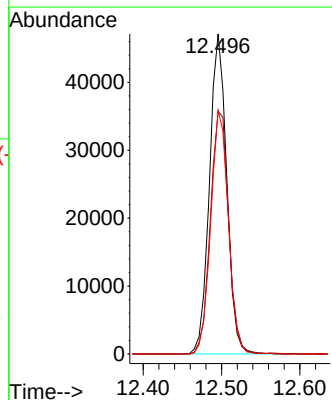
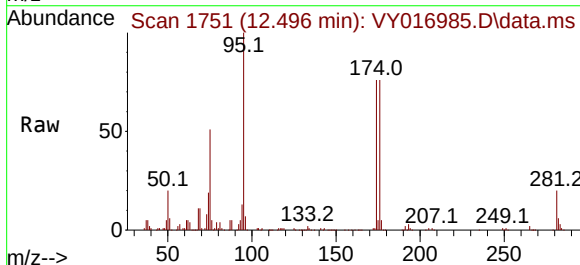
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

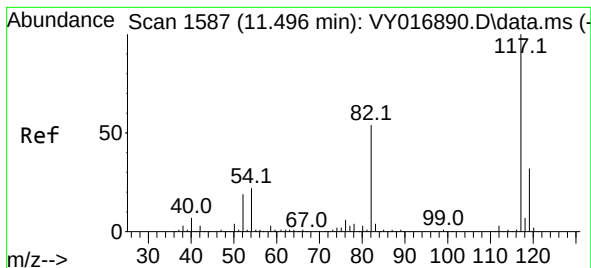
Tgt Ion: 98 Resp: 224209
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.316 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY016985.D
Acq: 12 Jan 2024 12:04

Tgt Ion: 95 Resp: 71924
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 77.6 0.0 151.8

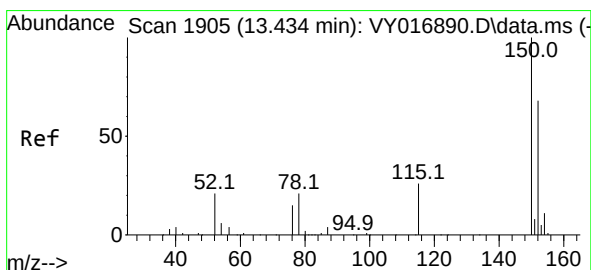
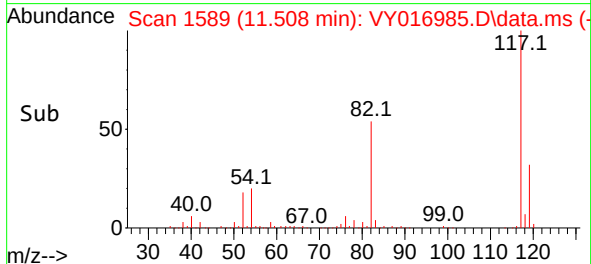
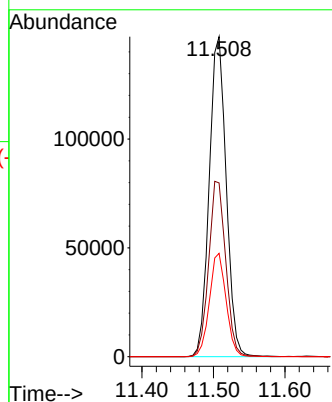
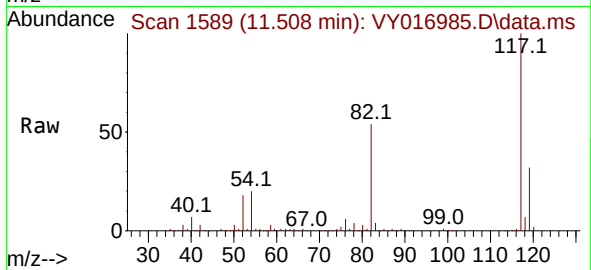




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016985.D
Acq: 12 Jan 2024 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

Tgt Ion:117 Resp: 242500
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. 0.007 min
Lab File: VY016985.D
Acq: 12 Jan 2024 12:04

Tgt Ion:152 Resp: 91704
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 159.6 0.0 344.6

