

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016512.D
 Acq On : 28 Nov 2023 11:38
 Operator : SY/MD
 Sample : VY1128SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1128SBL01

Quant Time: Nov 29 03:04:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	99591	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	162106	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.513	117	145179	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	59761	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	42814	47.037	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.746	113	48140	52.277	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.560%
50) Toluene-d8	10.203	98	186463	49.933	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.501	95	55731	45.951	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.900%

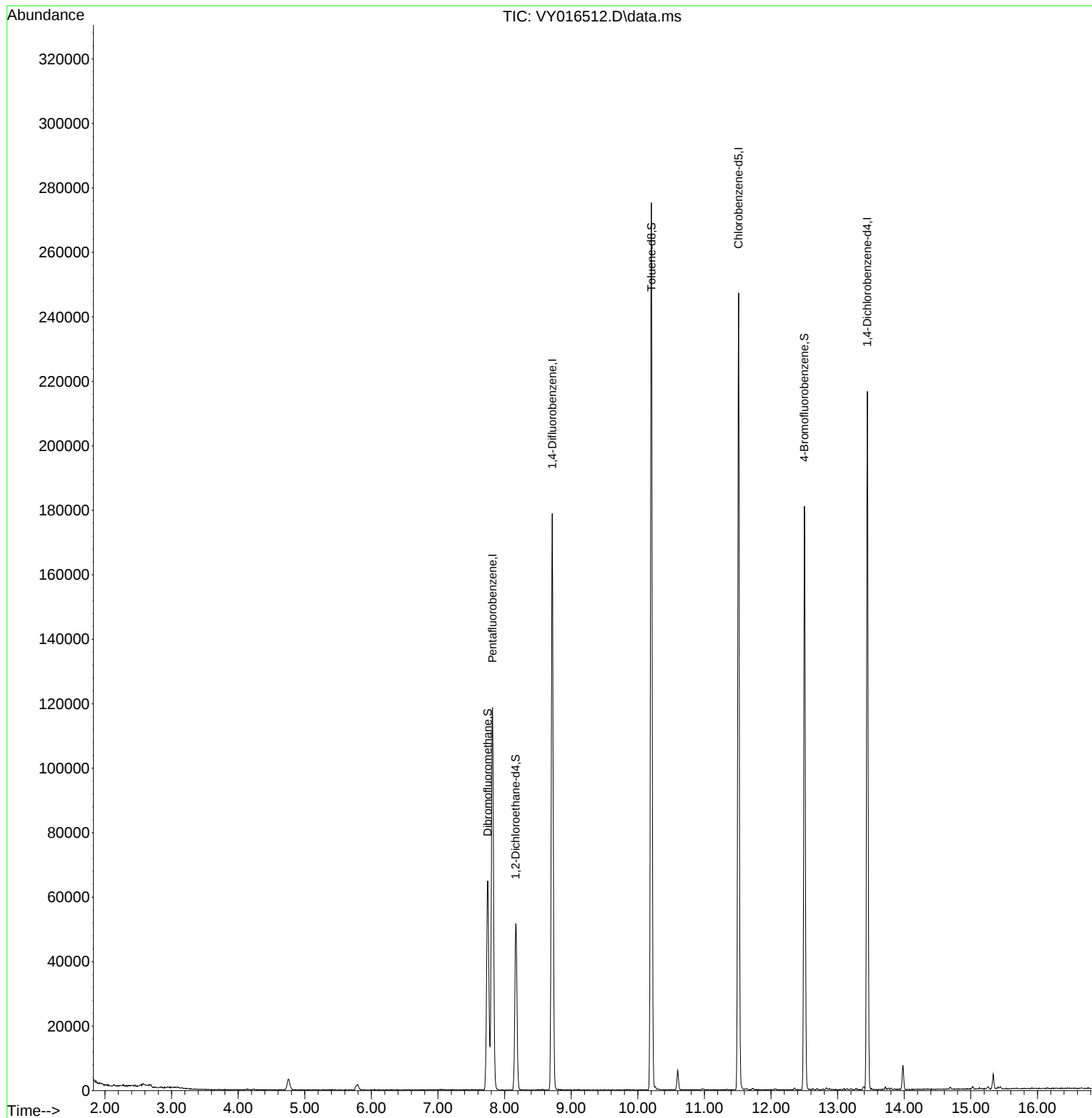
Target Compounds	Qvalue

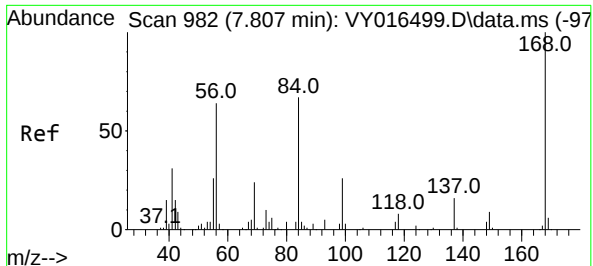
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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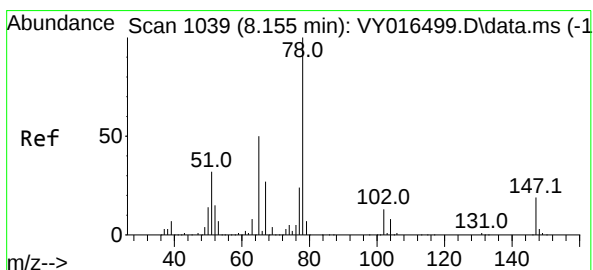
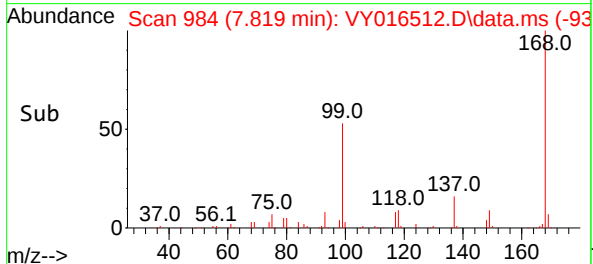
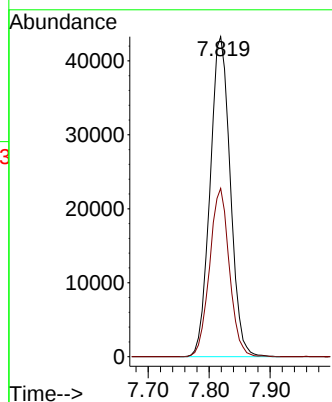
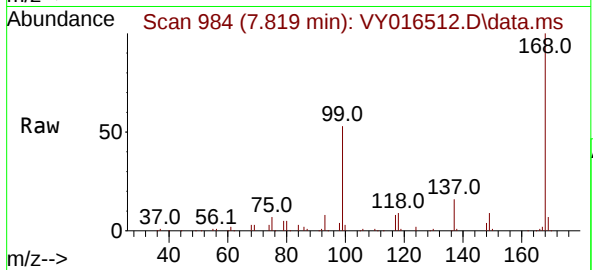




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016512.D
Acq: 28 Nov 2023 11:38

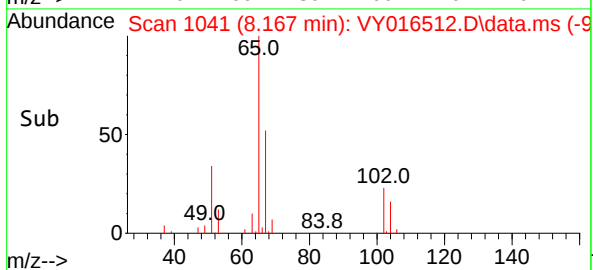
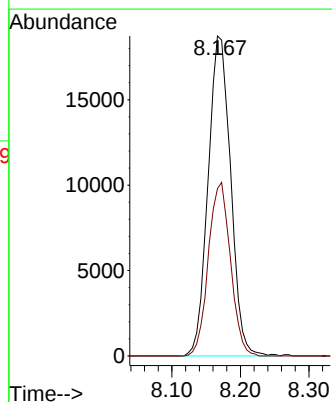
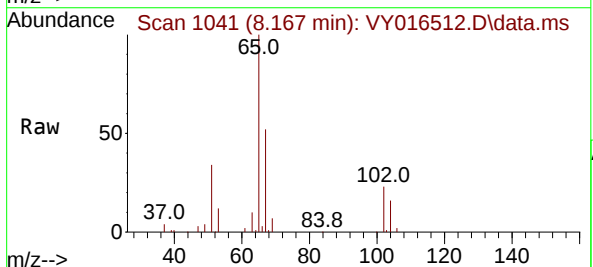
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

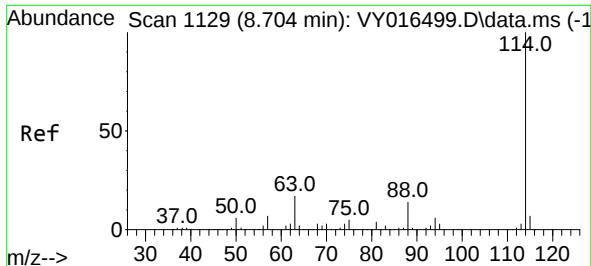
Tgt Ion:168 Resp: 99591
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.037 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016512.D
Acq: 28 Nov 2023 11:38

Tgt Ion: 65 Resp: 42814
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016512.D

Acq: 28 Nov 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1128SBL01

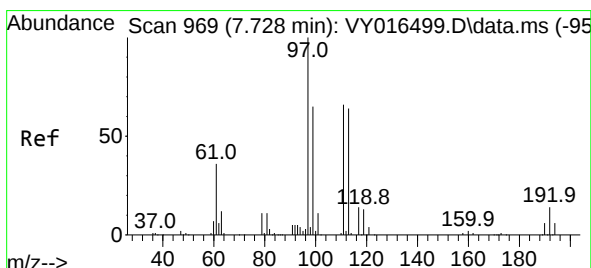
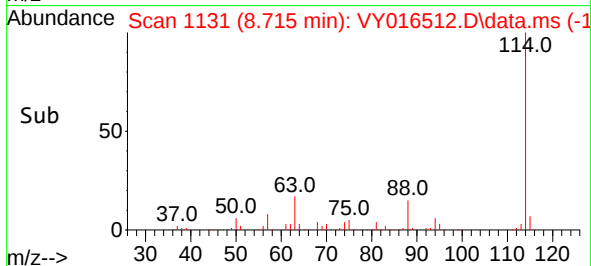
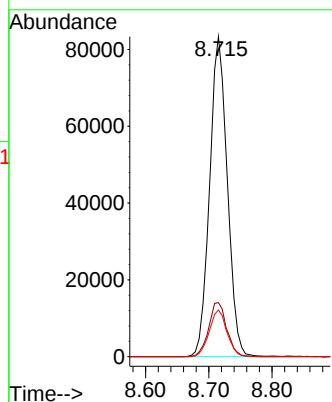
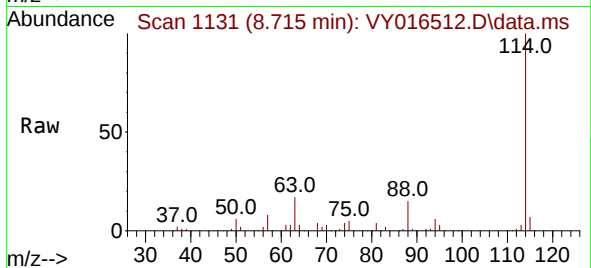
Tgt Ion:114 Resp: 162106

Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.277 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY016512.D

Acq: 28 Nov 2023 11:38

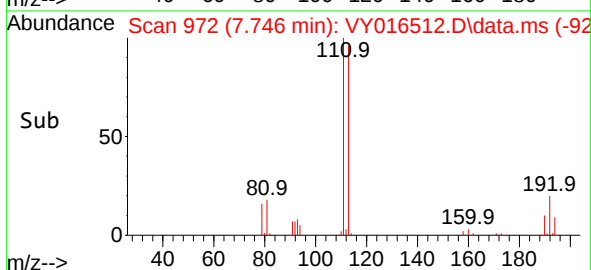
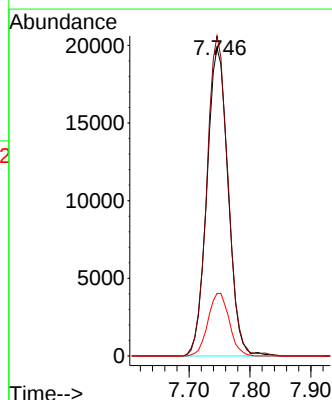
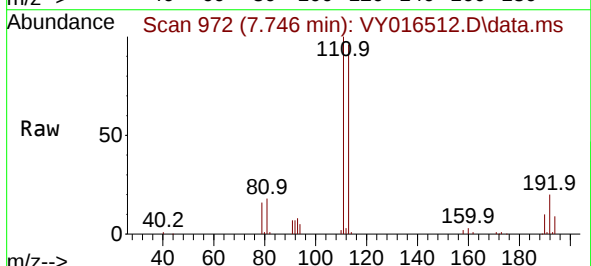
Tgt Ion:113 Resp: 48140

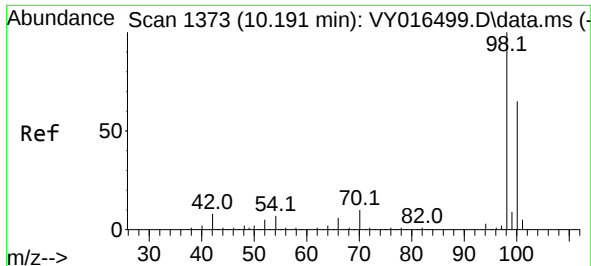
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 20.3 16.9 25.3

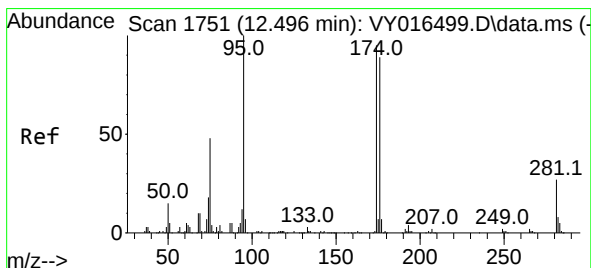
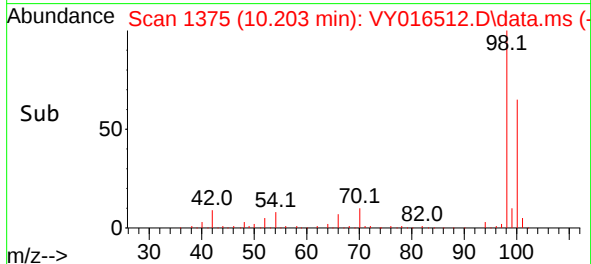
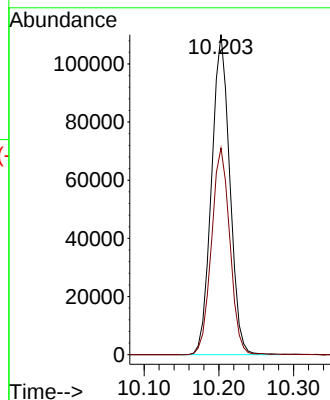
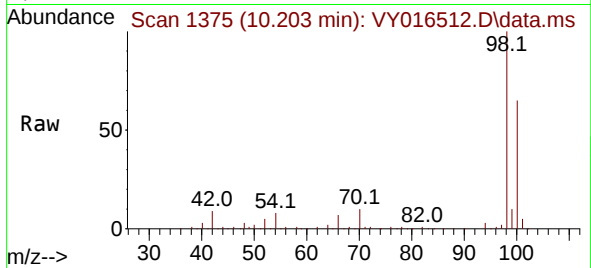




#50
Toluene-d8
Concen: 49.933 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016512.D
Acq: 28 Nov 2023 11:38

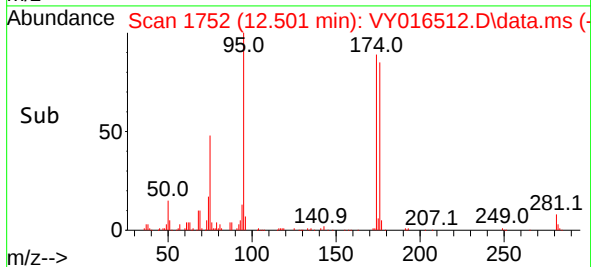
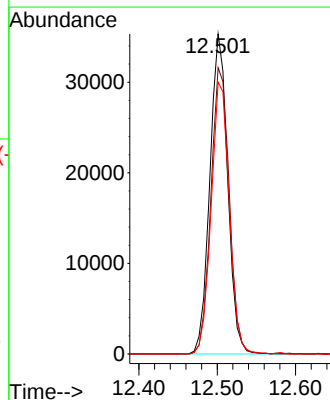
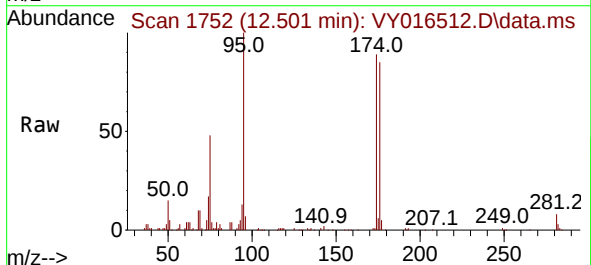
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

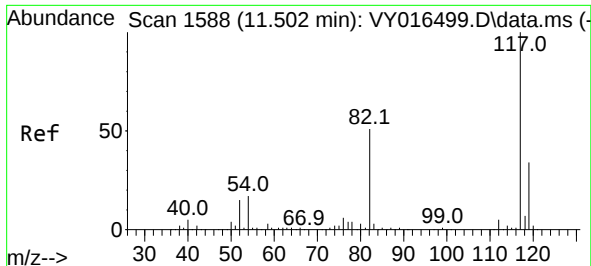
Tgt Ion: 98 Resp: 186463
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.951 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016512.D
Acq: 28 Nov 2023 11:38

Tgt Ion: 95 Resp: 55731
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 86.6 0.0 173.8

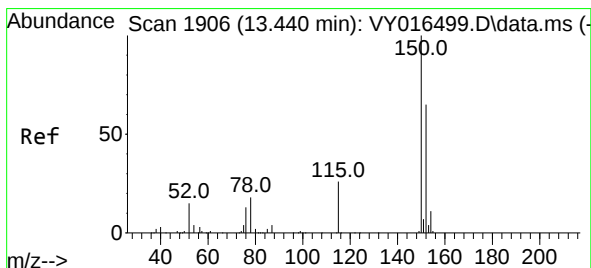
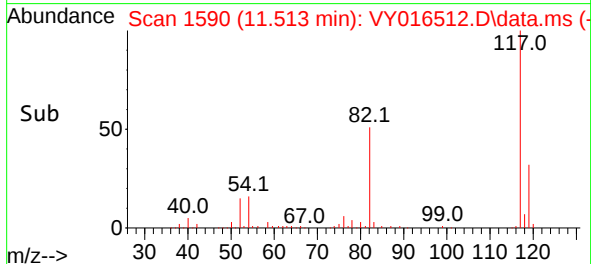
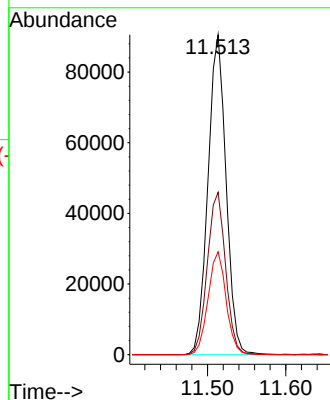
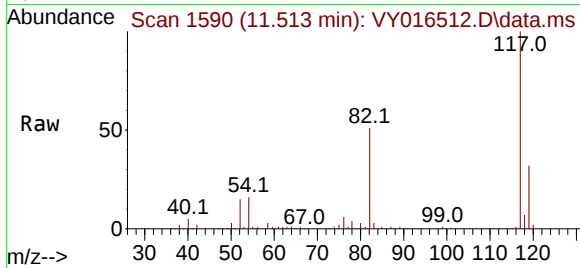




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.513 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016512.D
Acq: 28 Nov 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

Tgt Ion:117 Resp: 145179
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016512.D
Acq: 28 Nov 2023 11:38

Tgt Ion:152 Resp: 59761
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 156.1 0.0 348.8

