

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016181.D
 Acq On : 02 Nov 2023 11:00
 Operator : SY/MD
 Sample : VY1102SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBL01

Quant Time: Nov 03 02:39:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	140582	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	235550	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	218792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	103461	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	78411	59.607	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.220%
35) Dibromofluoromethane	7.740	113	65863	46.902	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.800%
50) Toluene-d8	10.197	98	279030	50.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.495	95	99658	52.345	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.700%

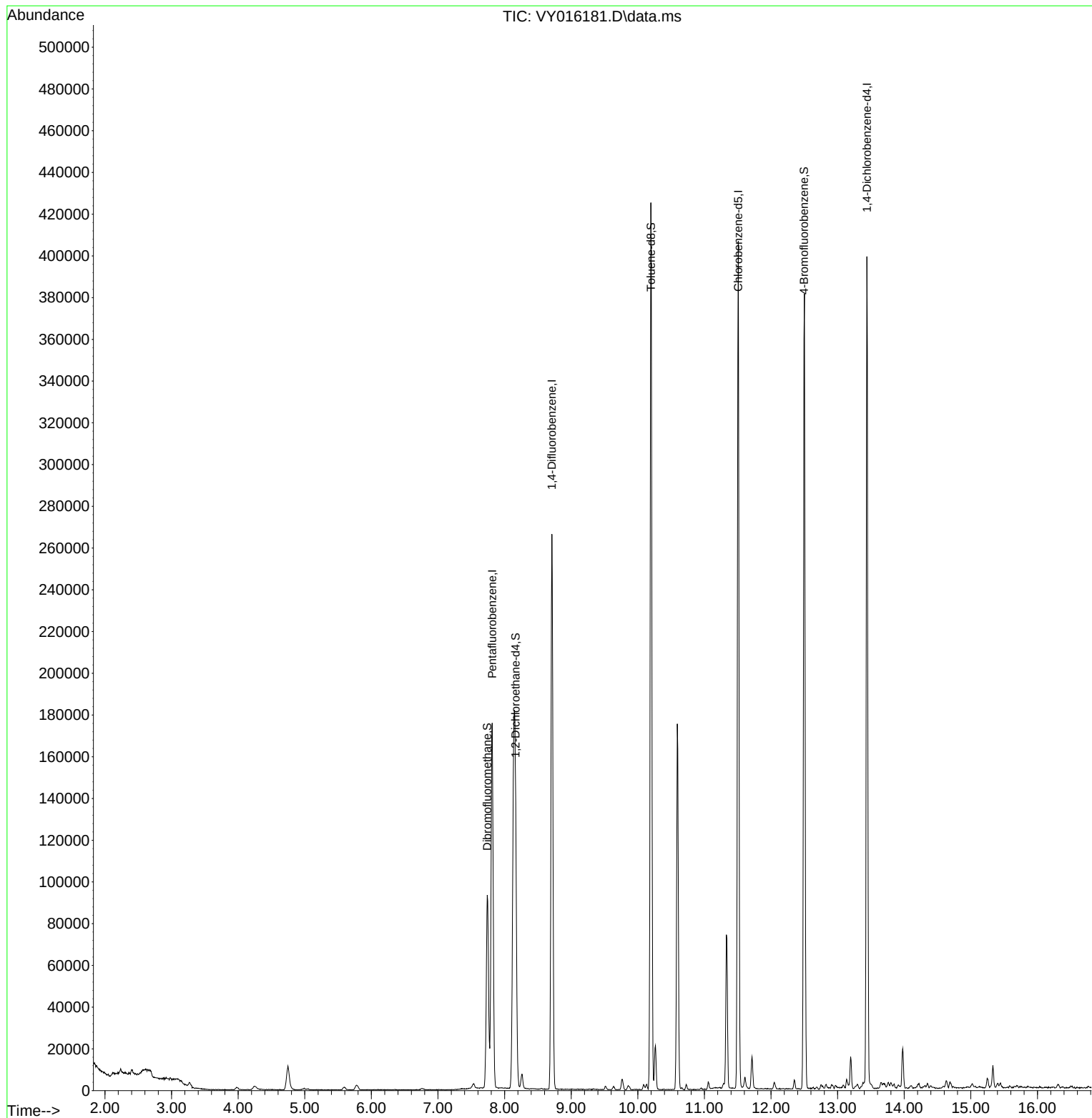
Target Compounds	Qvalue

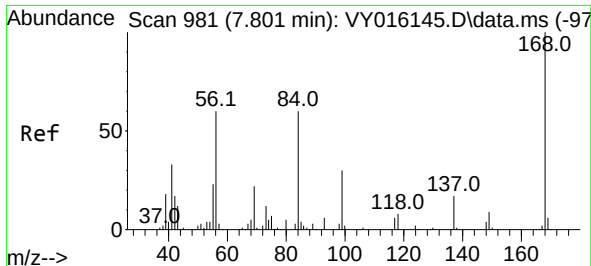
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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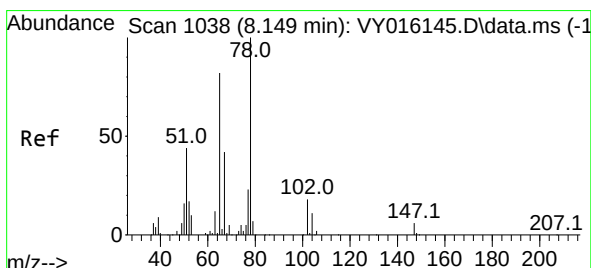
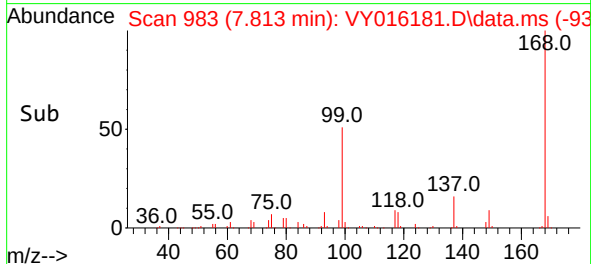
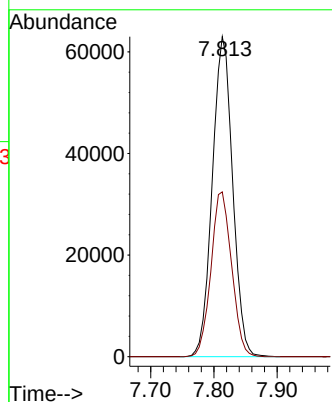
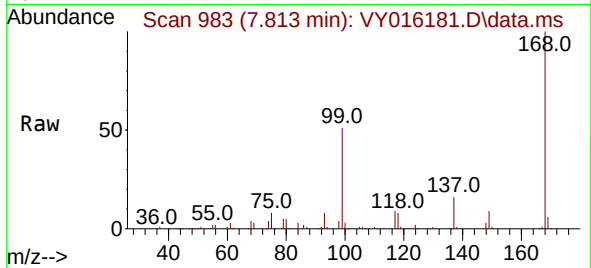




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016181.D
Acq: 02 Nov 2023 11:00

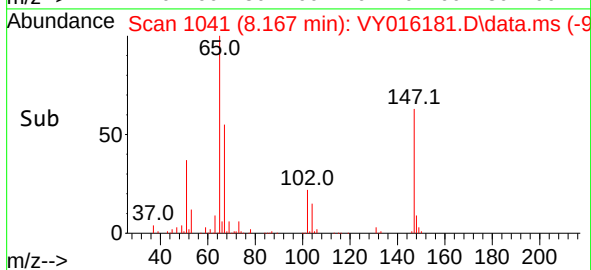
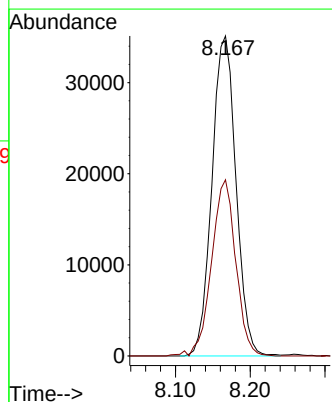
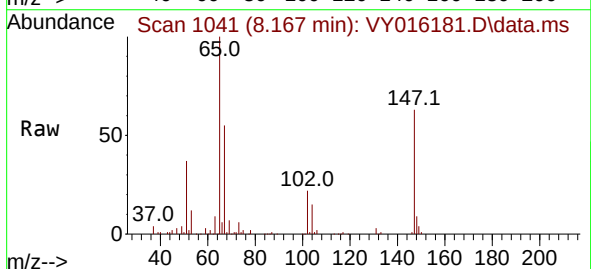
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBL01

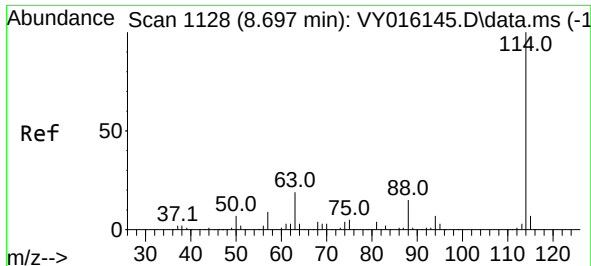
Tgt Ion:168 Resp: 140582
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.607 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY016181.D
Acq: 02 Nov 2023 11:00

Tgt Ion: 65 Resp: 78411
Ion Ratio Lower Upper
65 100
67 55.4 0.0 101.8

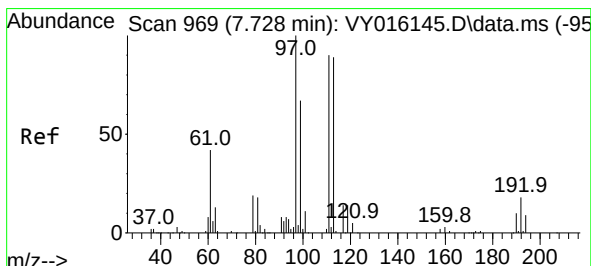
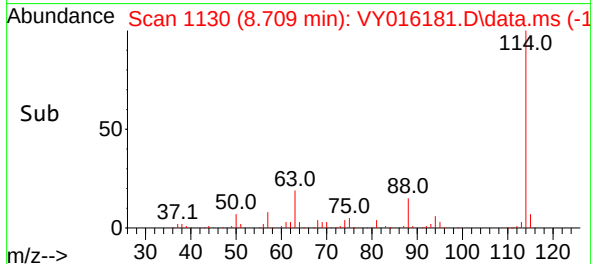
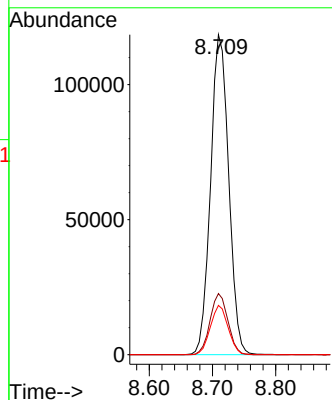
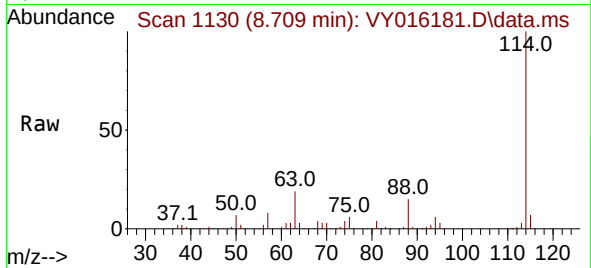




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY016181.D
Acq: 02 Nov 2023 11:00

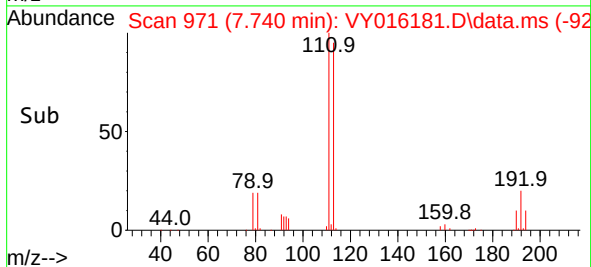
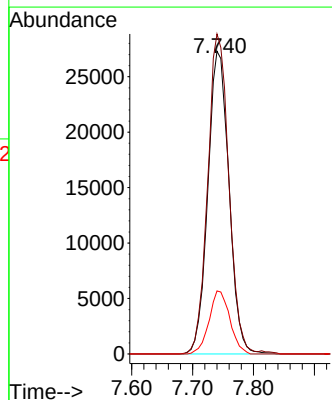
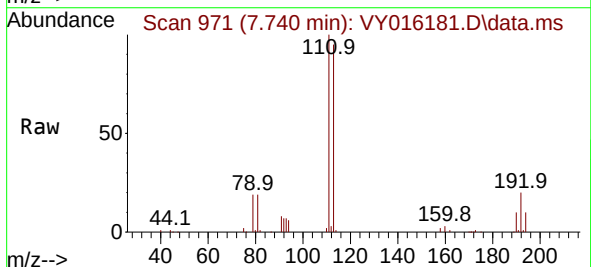
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBL01

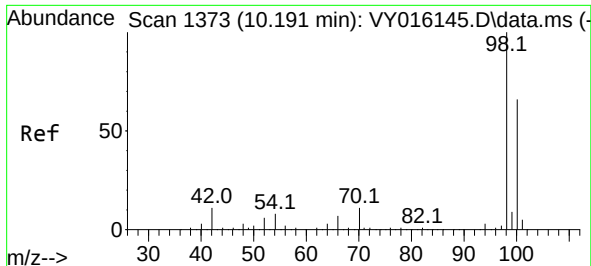
Tgt Ion:114 Resp: 235550
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.902 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY016181.D
Acq: 02 Nov 2023 11:00

Tgt Ion:113 Resp: 65863
Ion Ratio Lower Upper
113 100
111 105.3 81.3 121.9
192 20.4 16.9 25.3





#50

Toluene-d8

Concen: 50.116 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016181.D

Acq: 02 Nov 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

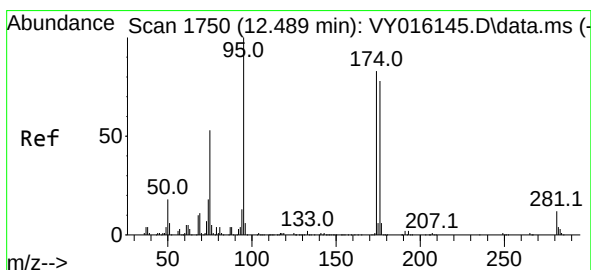
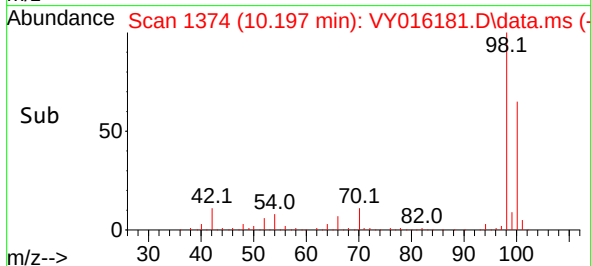
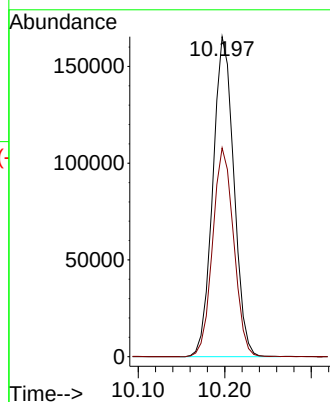
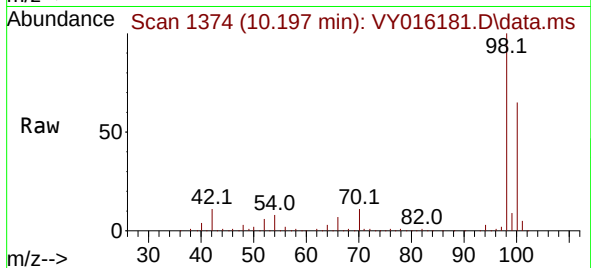
VY1102SBL01

Tgt Ion: 98 Resp: 279030

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.345 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016181.D

Acq: 02 Nov 2023 11:00

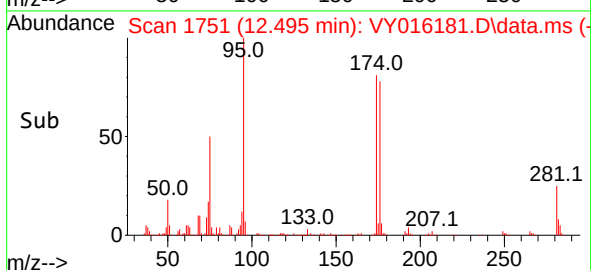
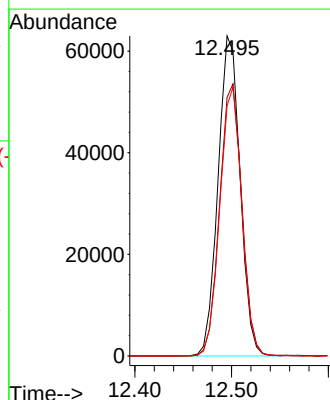
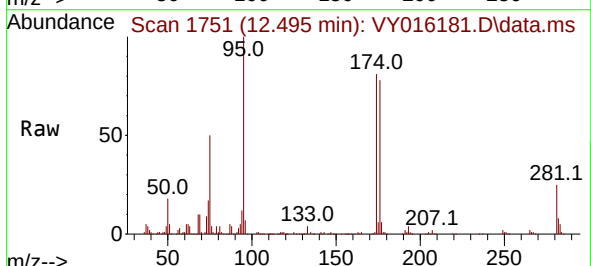
Tgt Ion: 95 Resp: 99658

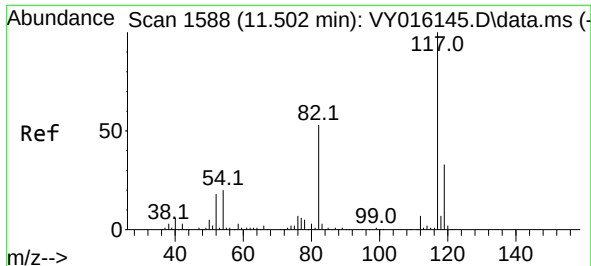
Ion Ratio Lower Upper

95 100

174 85.8 0.0 178.2

176 83.7 0.0 173.8

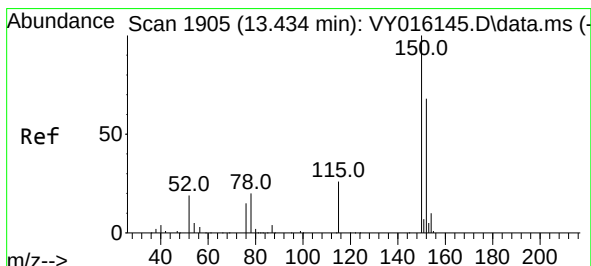
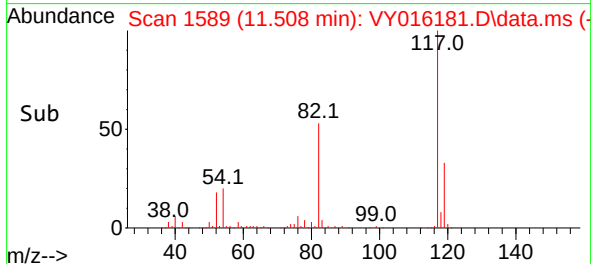
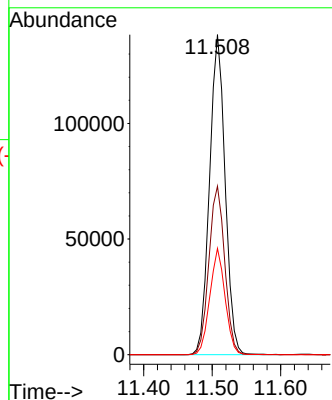
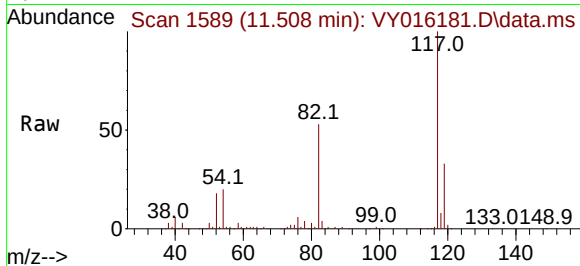




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016181.D
Acq: 02 Nov 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBL01

Tgt Ion:117 Resp: 218792
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 33.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016181.D
Acq: 02 Nov 2023 11:00

Tgt Ion:152 Resp: 103461
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 158.6 0.0 348.8

