

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016295.D
 Acq On : 10 Nov 2023 09:36
 Operator : SY/MD
 Sample : VY1110SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBL01

Quant Time: Nov 10 22:16:44 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	7.789	168	102705	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	177436	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	168765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61484	65.500	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.000%
35) Dibromofluoromethane	7.722	113	55136	54.701	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.185	98	209469	51.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.489	95	71870	54.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.280%

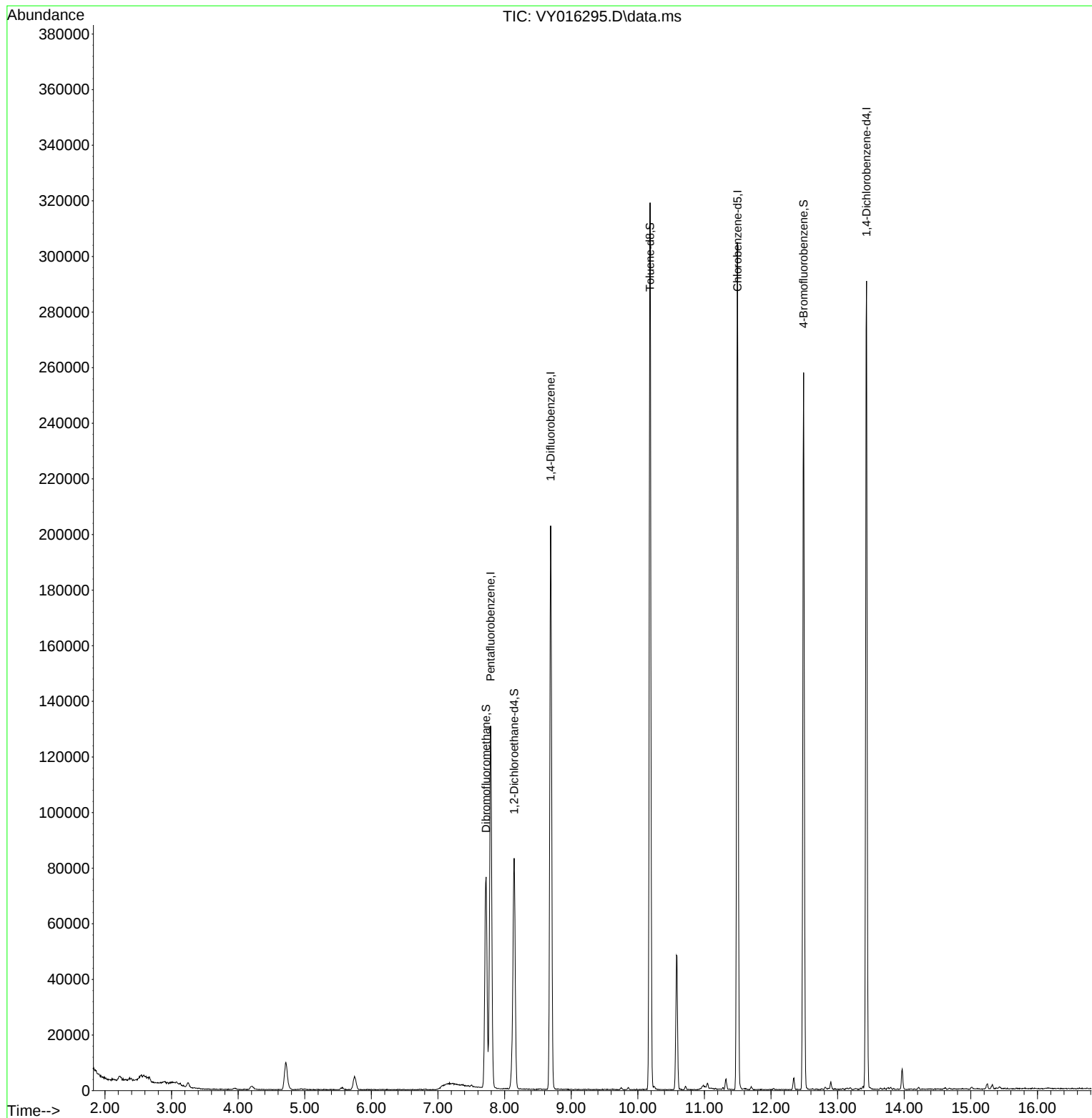
Target Compounds	Qvalue

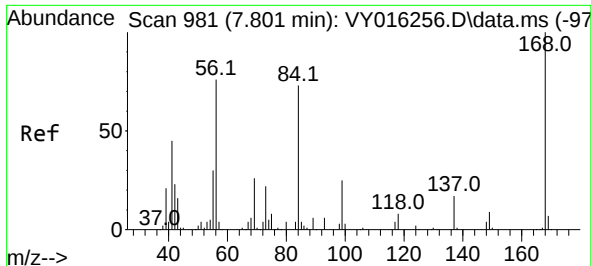
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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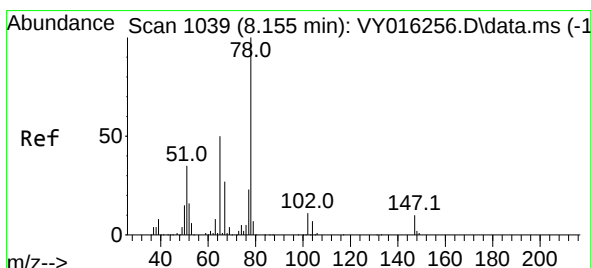
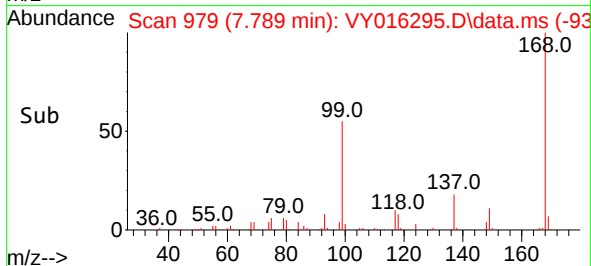
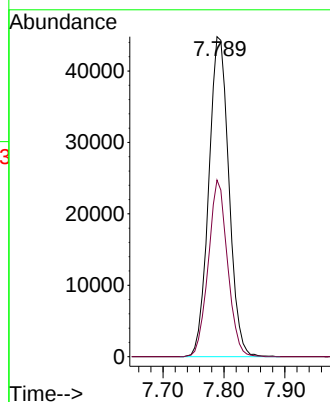
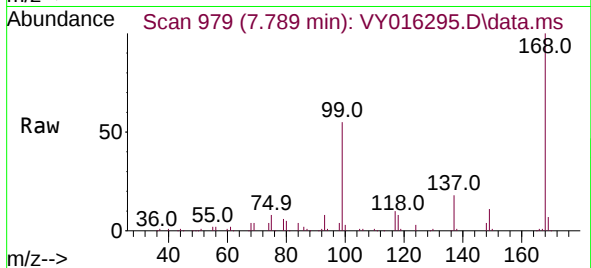




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

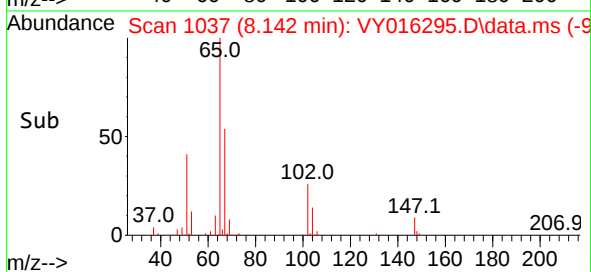
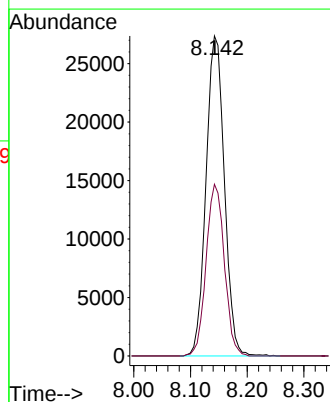
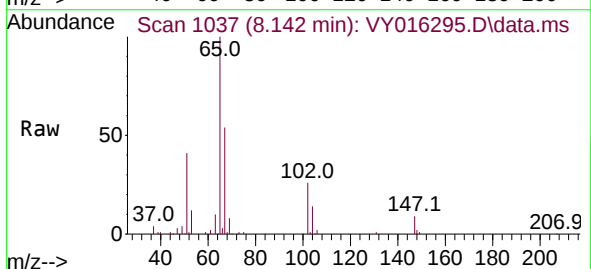
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

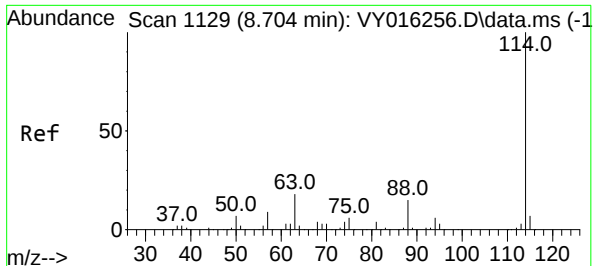
Tgt Ion:168 Resp: 102705
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 65.500 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.013 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

Tgt Ion: 65 Resp: 61484
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY016295.D

Acq: 10 Nov 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBL01

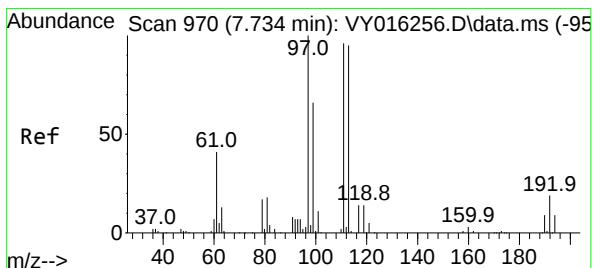
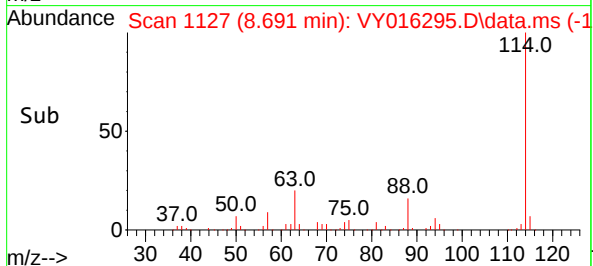
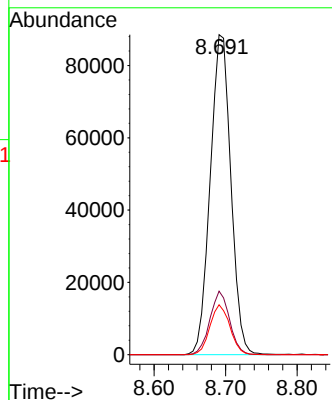
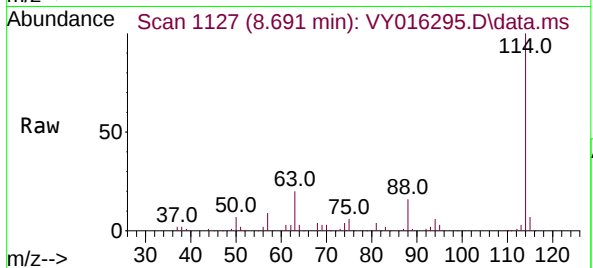
Tgt Ion:114 Resp: 177436

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.701 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.013 min

Lab File: VY016295.D

Acq: 10 Nov 2023 09:36

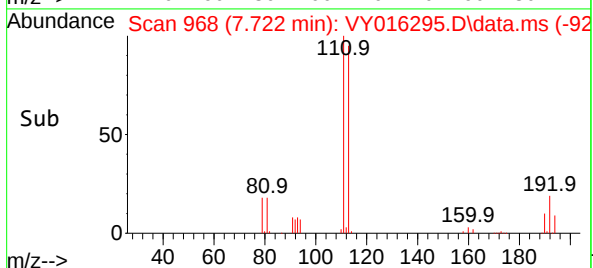
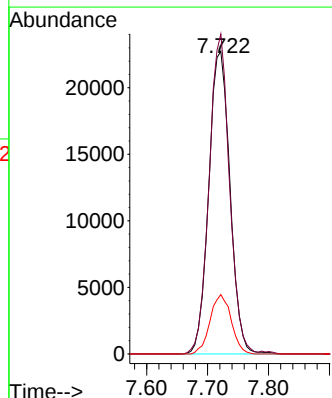
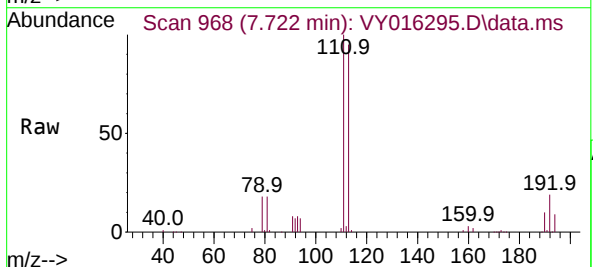
Tgt Ion:113 Resp: 55136

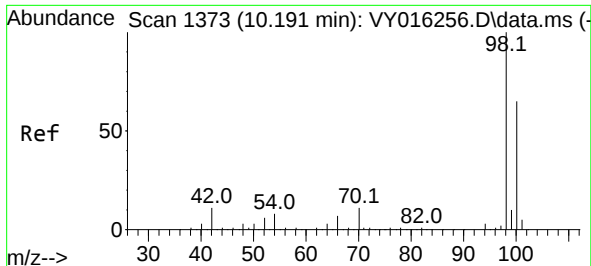
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.5 16.9 25.3

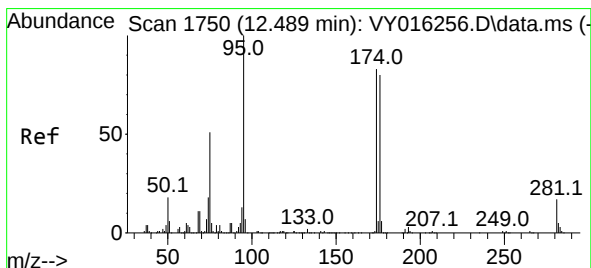
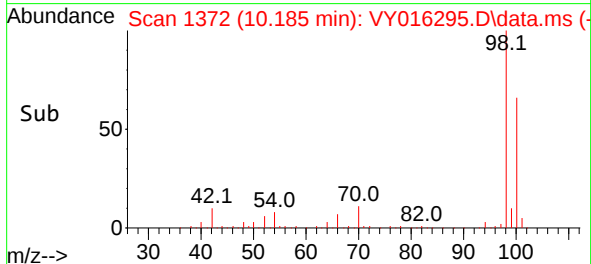
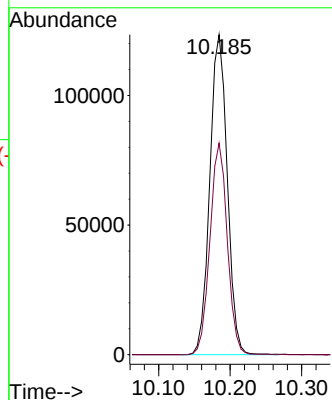
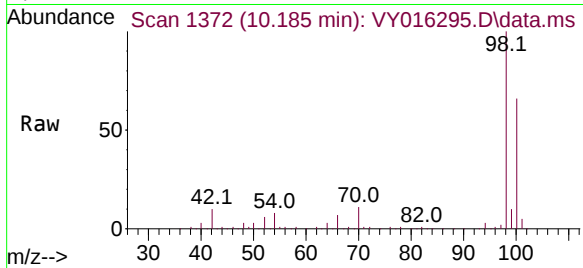




#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

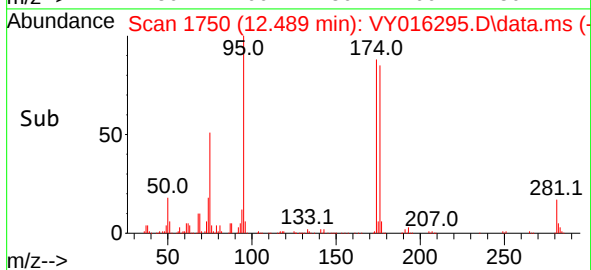
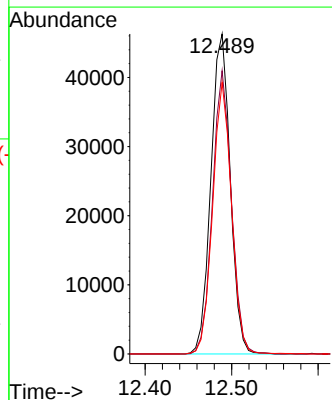
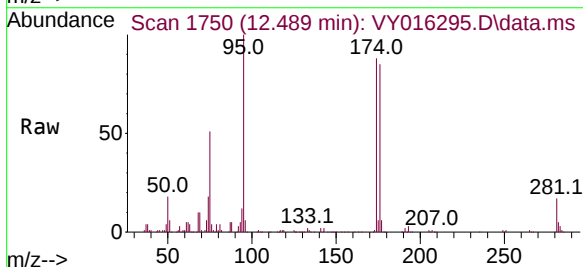
Instrument :
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ClientSampleId :
VY1110SBL01

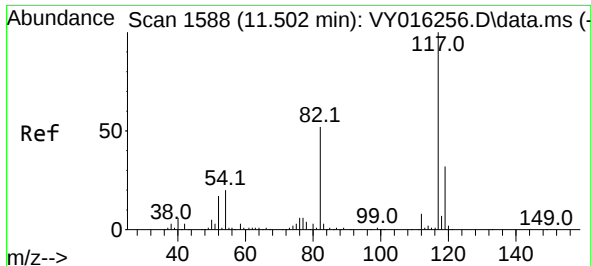
Tgt Ion: 98 Resp: 209469
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.138 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

Tgt Ion: 95 Resp: 71870
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 82.6 0.0 173.8

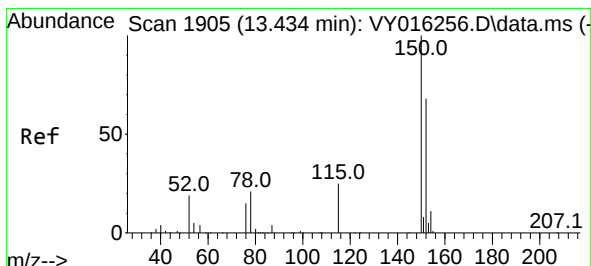
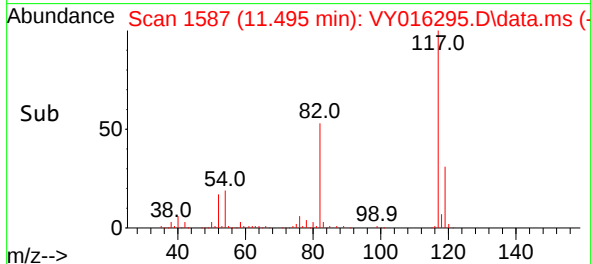
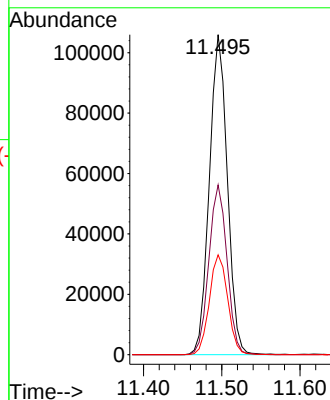
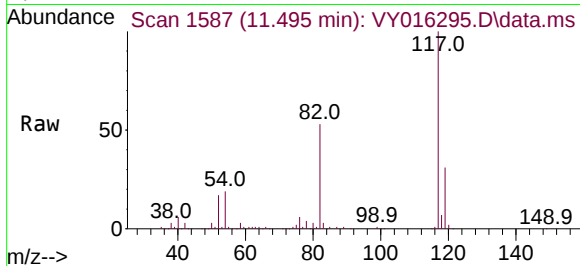




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

Tgt Ion:117 Resp: 168765
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

Tgt Ion:152 Resp: 76782
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 156.2 0.0 348.8

