

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016006.D
 Acq On : 17 Oct 2023 15:58
 Operator : SY/MD
 Sample : 04908-07
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Oct 18 06:08:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	125953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74566	51.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.740%
35) Dibromofluoromethane	7.722	113	67600	51.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.340%
50) Toluene-d8	10.179	98	245685	49.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.483	95	84273	47.835	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.660%

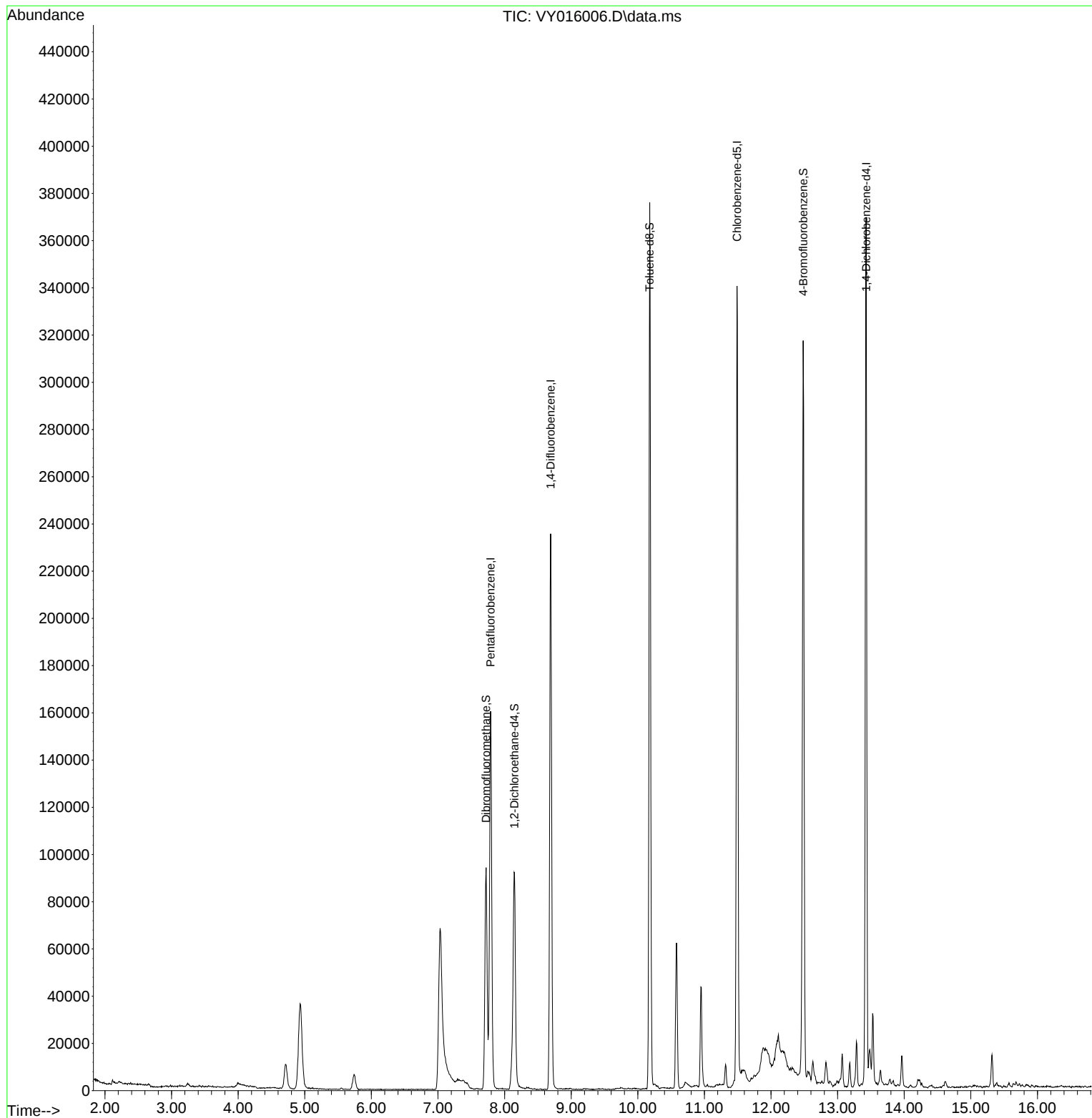
Target Compounds	Qvalue

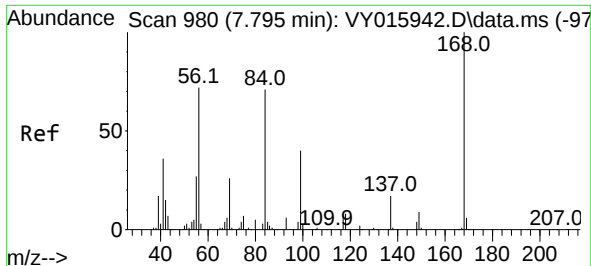
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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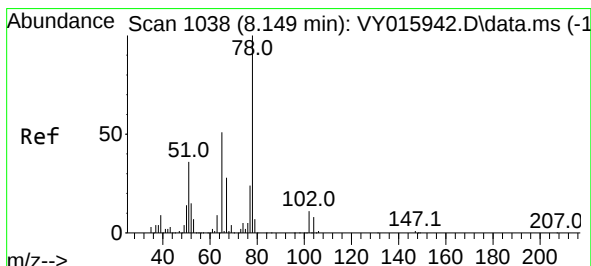
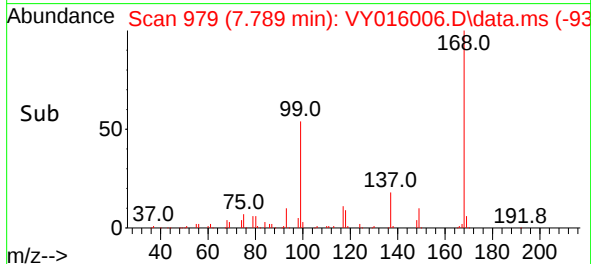
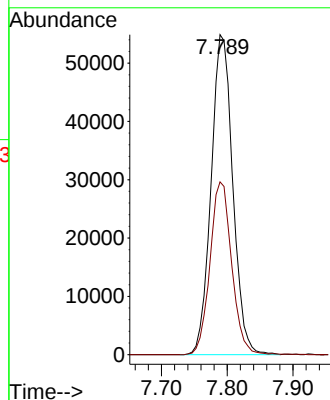
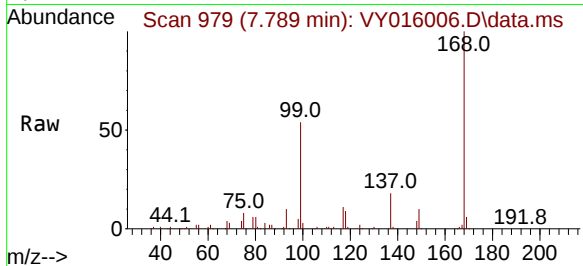




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016006.D
Acq: 17 Oct 2023 15:58

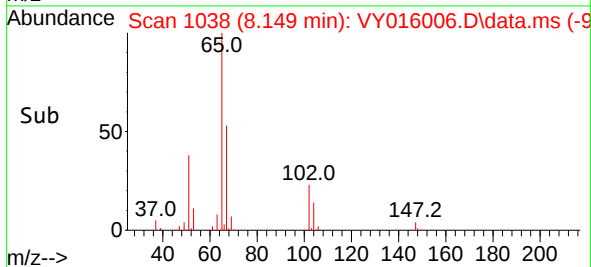
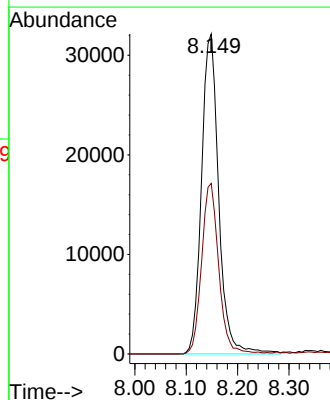
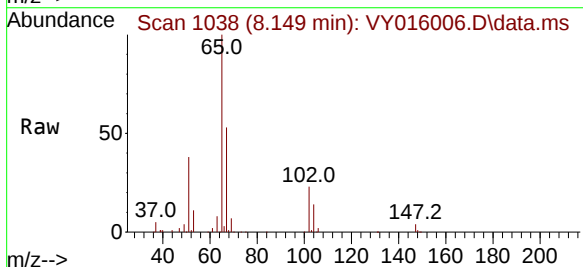
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

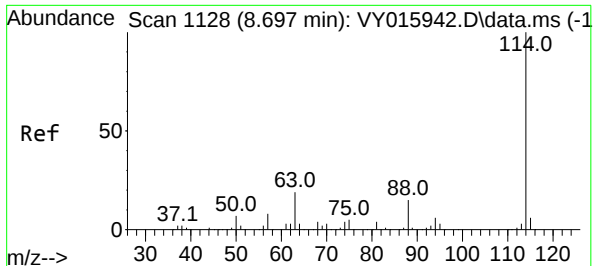
Tgt Ion:168 Resp: 125953
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.873 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016006.D
Acq: 17 Oct 2023 15:58

Tgt Ion: 65 Resp: 74566
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016006.D

Acq: 17 Oct 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

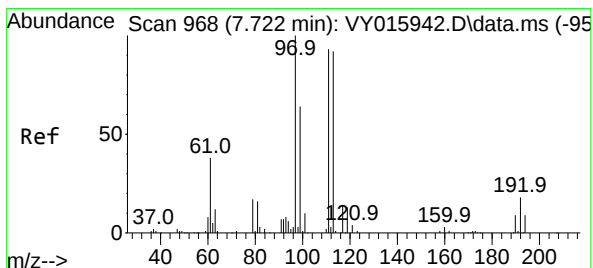
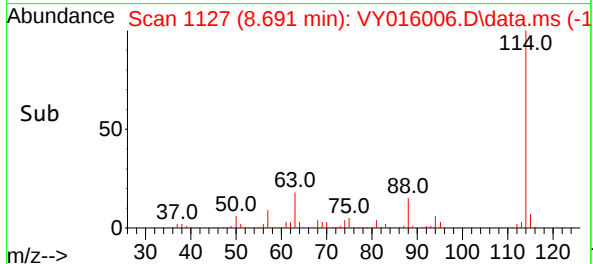
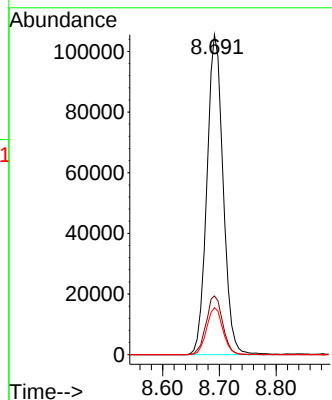
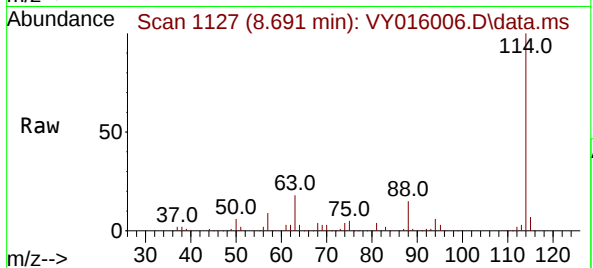
Tgt Ion:114 Resp: 209854

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.168 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY016006.D

Acq: 17 Oct 2023 15:58

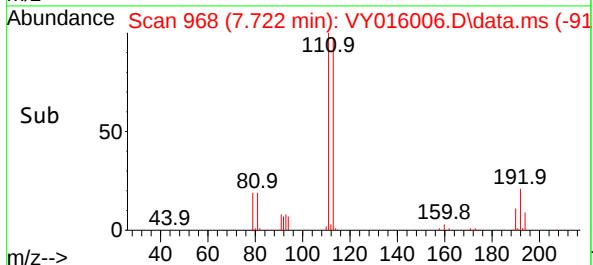
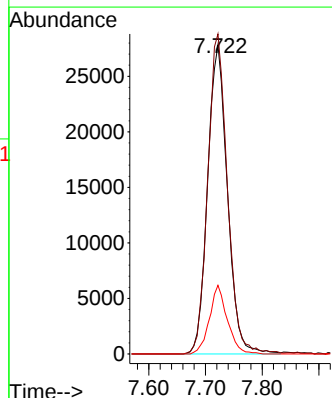
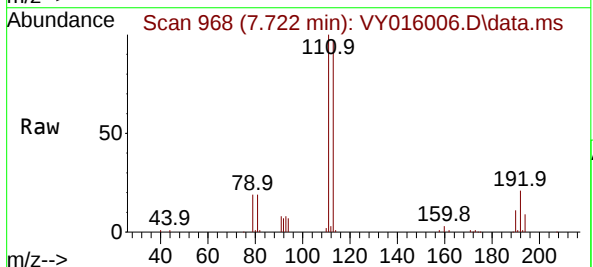
Tgt Ion:113 Resp: 67600

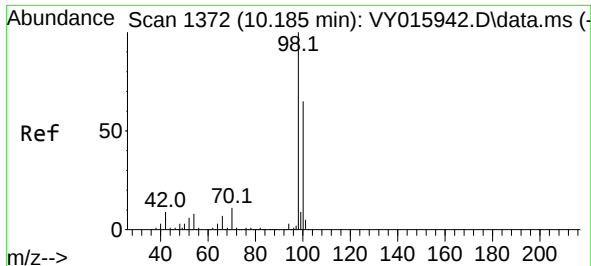
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 20.0 16.9 25.3

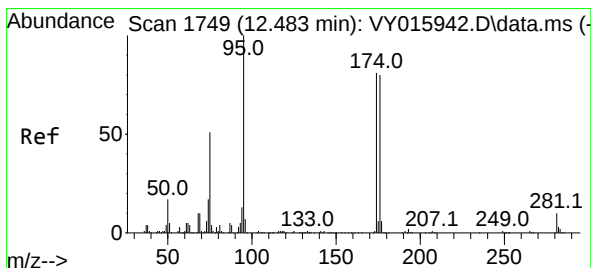
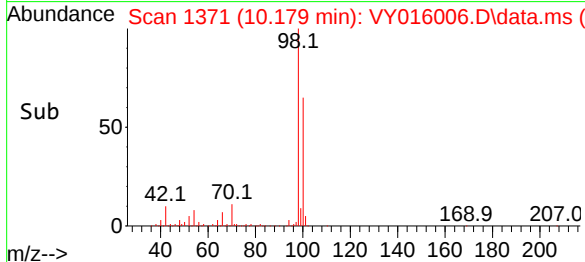
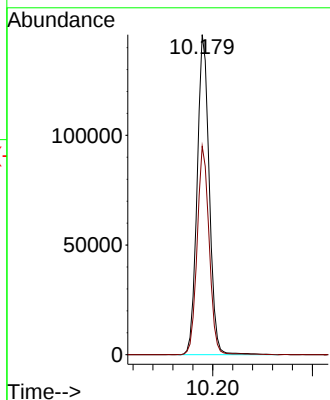
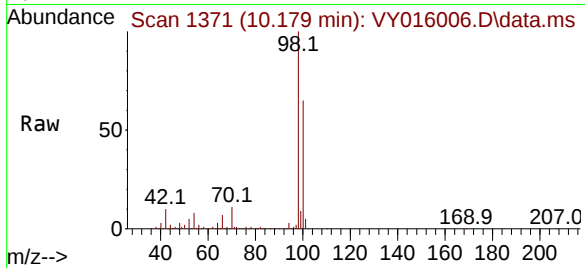




#50
Toluene-d8
Concen: 49.658 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016006.D
Acq: 17 Oct 2023 15:58

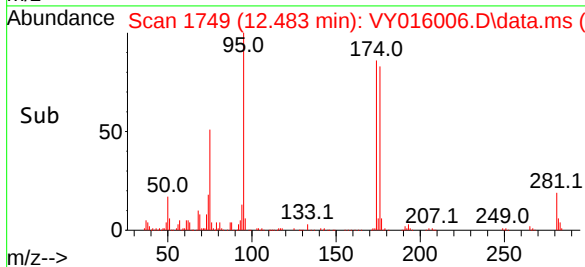
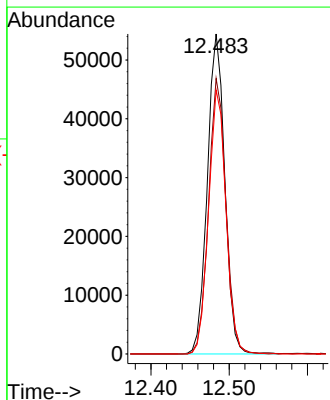
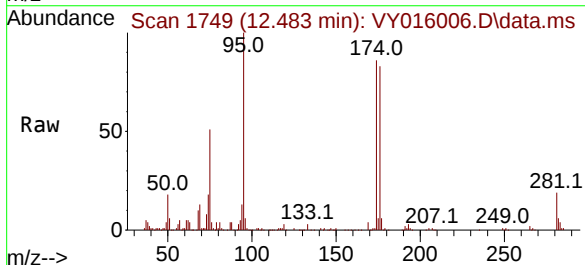
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

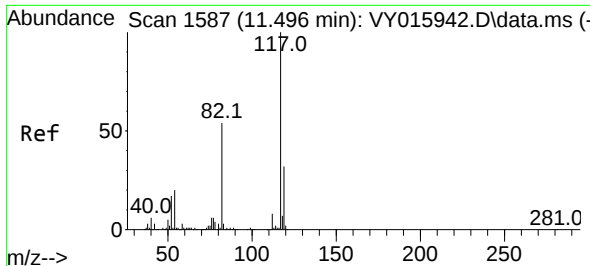
Tgt Ion: 98 Resp: 245685
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.835 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016006.D
Acq: 17 Oct 2023 15:58

Tgt Ion: 95 Resp: 84273
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.1 0.0 173.8

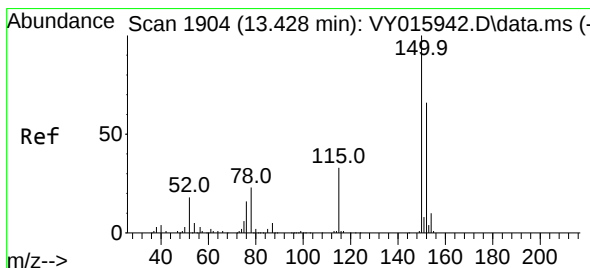
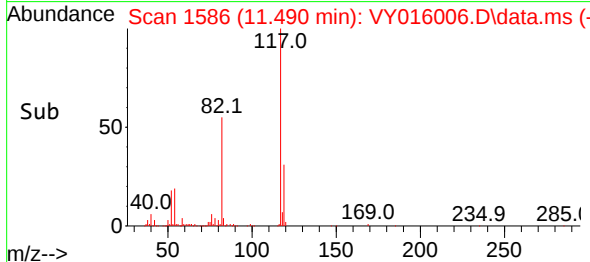
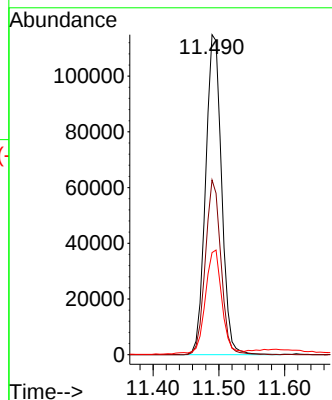
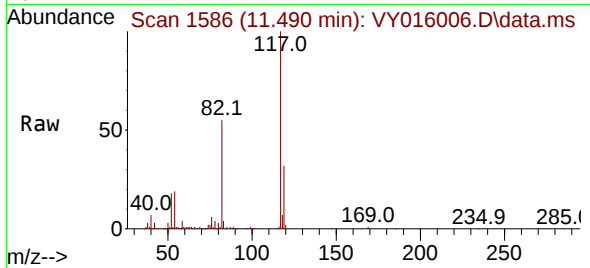




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016006.D
Acq: 17 Oct 2023 15:58

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 194181
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY016006.D
Acq: 17 Oct 2023 15:58

Tgt Ion:152 Resp: 94600
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 159.4 0.0 348.8

