

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016134.D
 Acq On : 30 Oct 2023 15:24
 Operator : SY/MD
 Sample : 05108-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1023-A

Quant Time: Oct 31 01:30:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84675	58.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.540%
35) Dibromofluoromethane	7.716	113	77900	50.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.179	98	281184	49.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.483	95	97301	50.000	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.000%

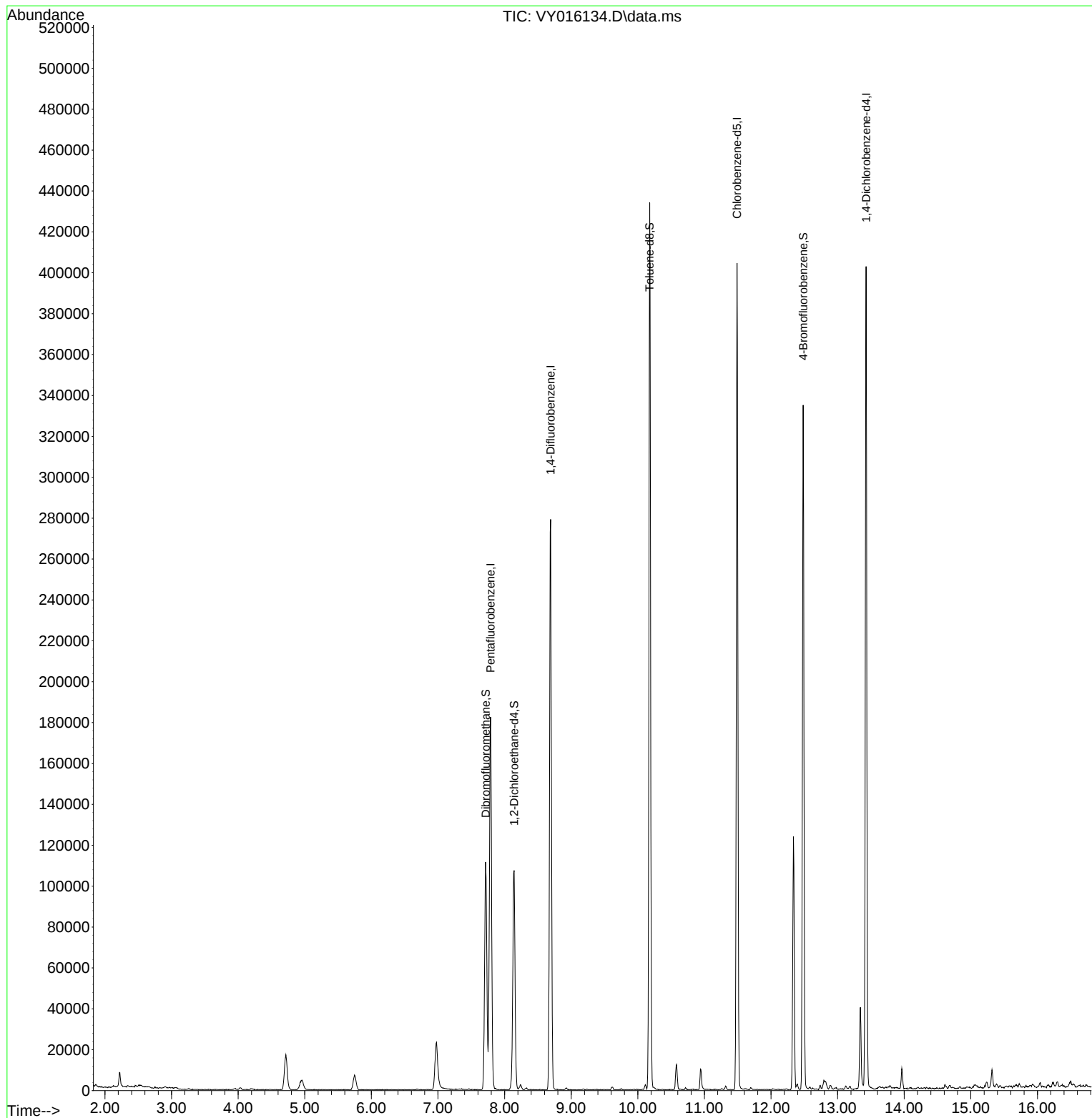
Target Compounds	Qvalue

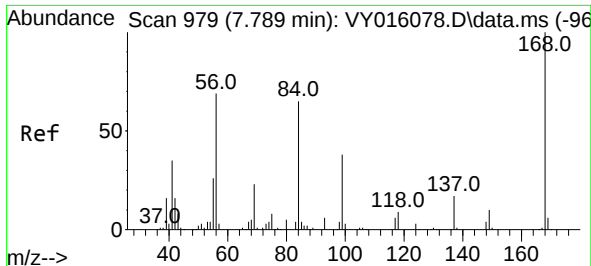
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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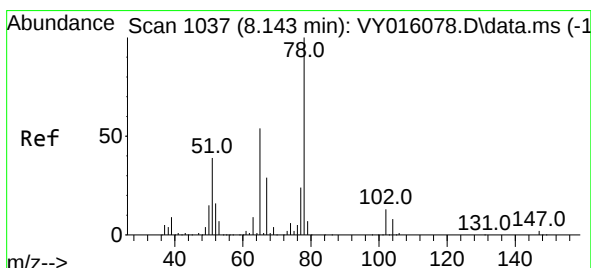
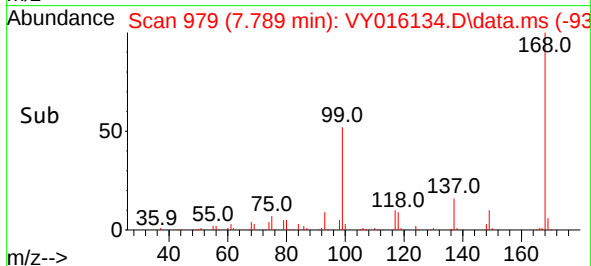
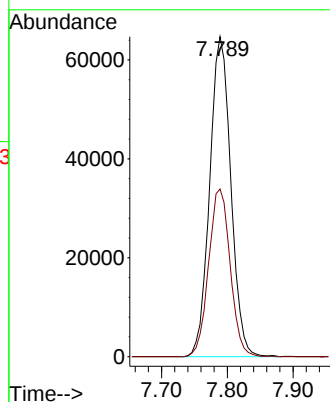
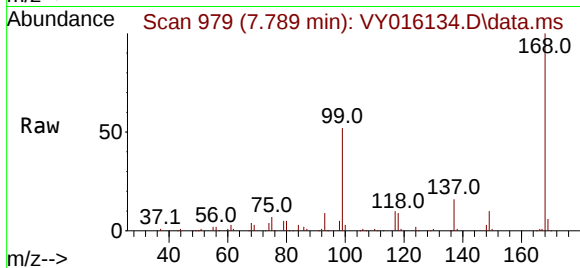




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

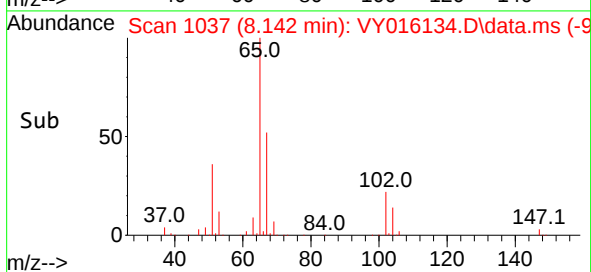
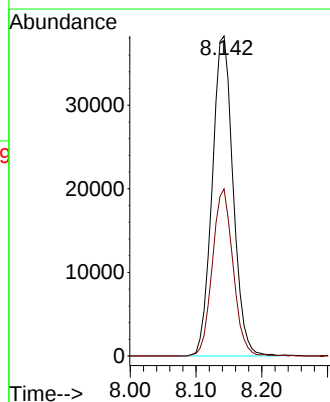
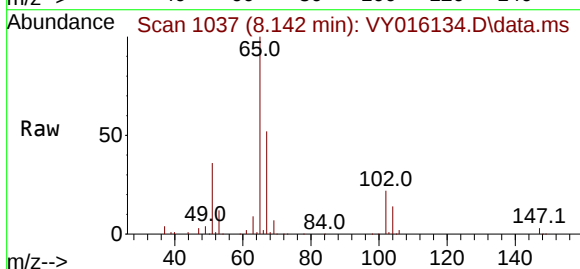
Instrument :
MSVOA_Y
ClientSampleId :
1023-A

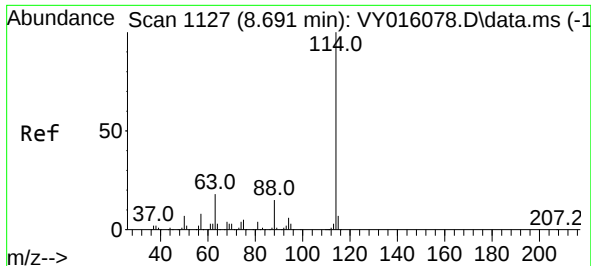
Tgt Ion:168 Resp: 144895
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.770 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Tgt Ion: 65 Resp: 84675
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

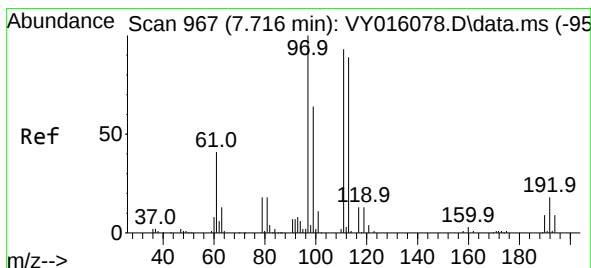
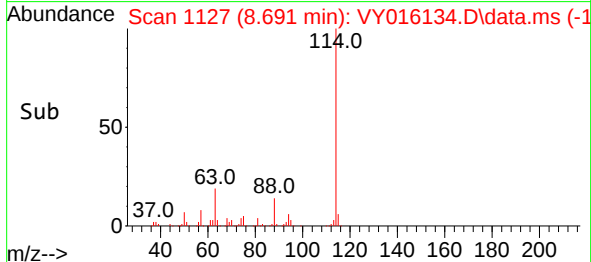
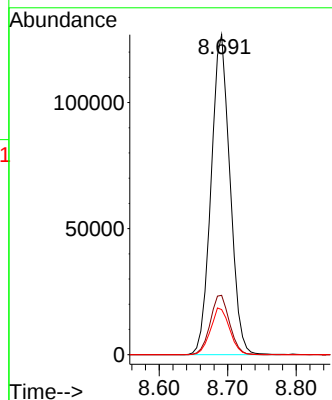
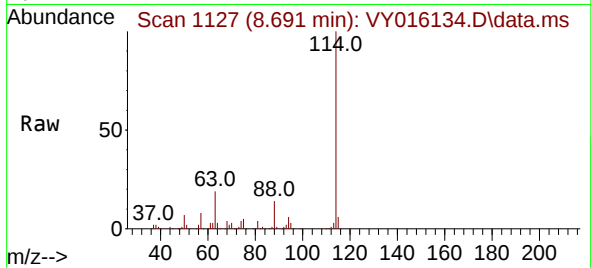




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

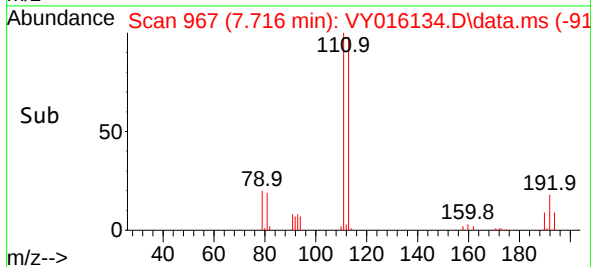
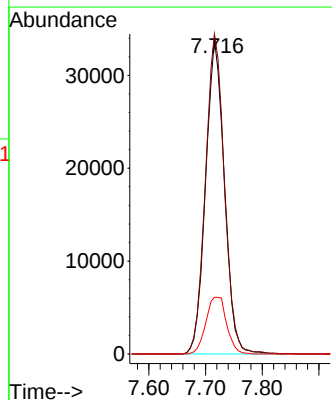
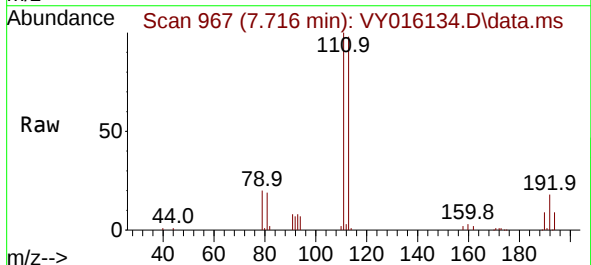
Instrument :
MSVOA_Y
ClientSampleId :
1023-A

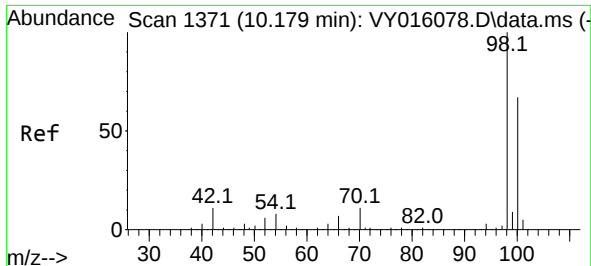
Tgt Ion:114 Resp: 242603
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.864 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Tgt Ion:113 Resp: 77900
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.9 16.9 25.3

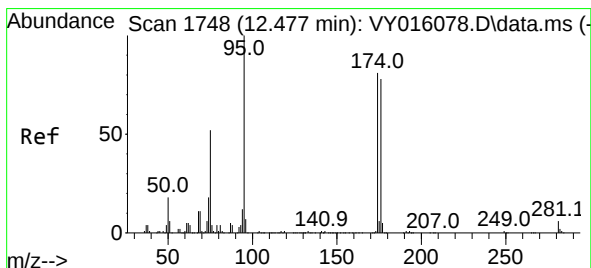
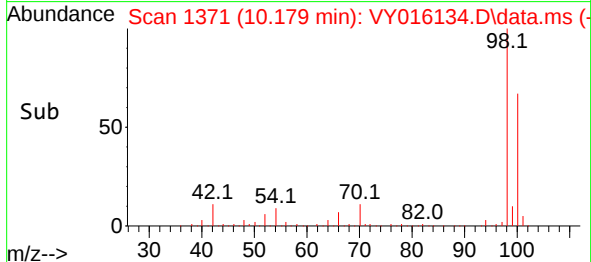
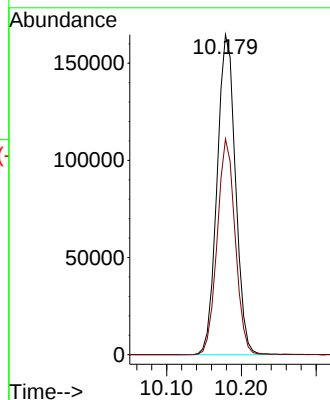
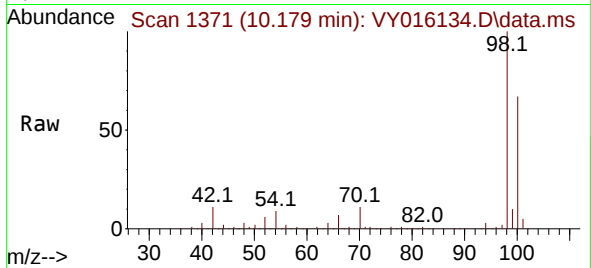




#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

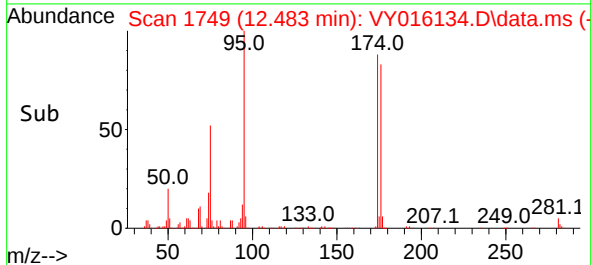
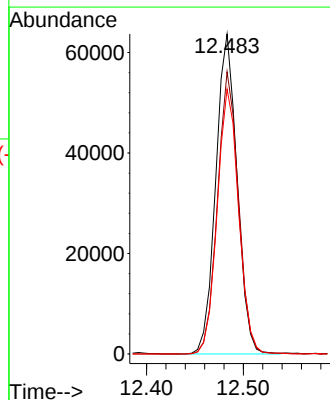
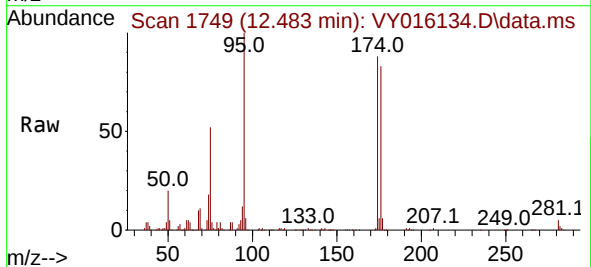
Instrument :
MSVOA_Y
ClientSampleId :
1023-A

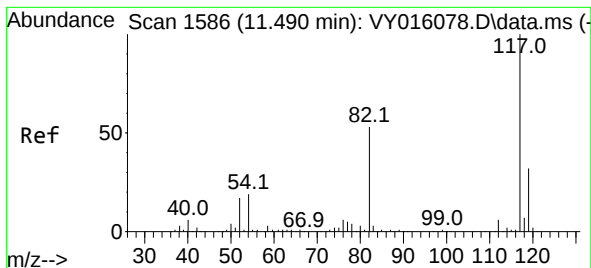
Tgt Ion: 98 Resp: 281184
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Tgt Ion: 95 Resp: 97301
Ion Ratio Lower Upper
95 100
174 87.1 0.0 178.2
176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016134.D

Acq: 30 Oct 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

1023-A

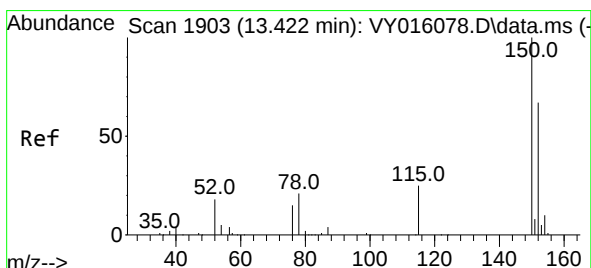
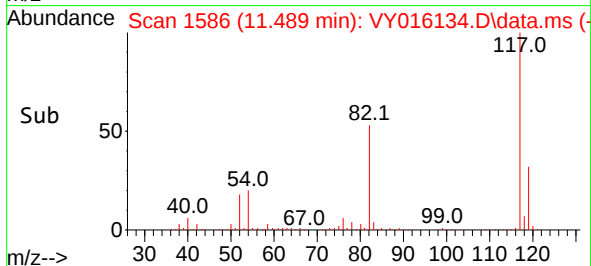
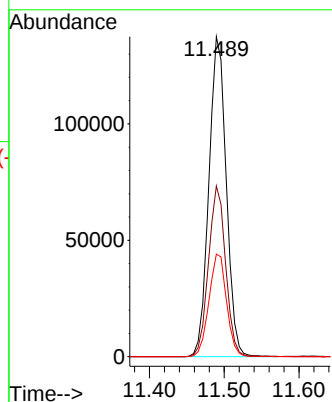
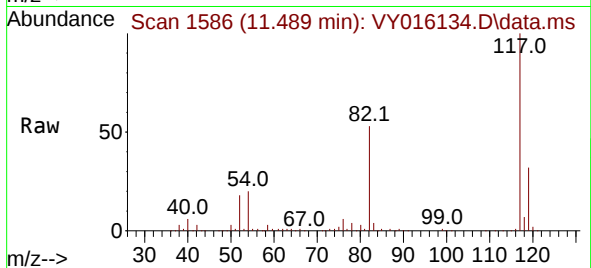
Tgt Ion:117 Resp: 221551

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016134.D

Acq: 30 Oct 2023 15:24

Tgt Ion:152 Resp: 103959

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.4 0.0 348.8

