

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015494.D
 Acq On : 11 Sep 2023 18:03
 Operator : SY/MD
 Sample : 04374-01
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-2-(15-20)

Quant Time: Sep 12 01:20:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	364861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	601250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	532598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	248879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	219063	56.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.020%
35) Dibromofluoromethane	7.710	113	188072	54.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.620%
50) Toluene-d8	10.179	98	699906	55.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.620%
62) 4-Bromofluorobenzene	12.477	95	236306	50.756	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.520%

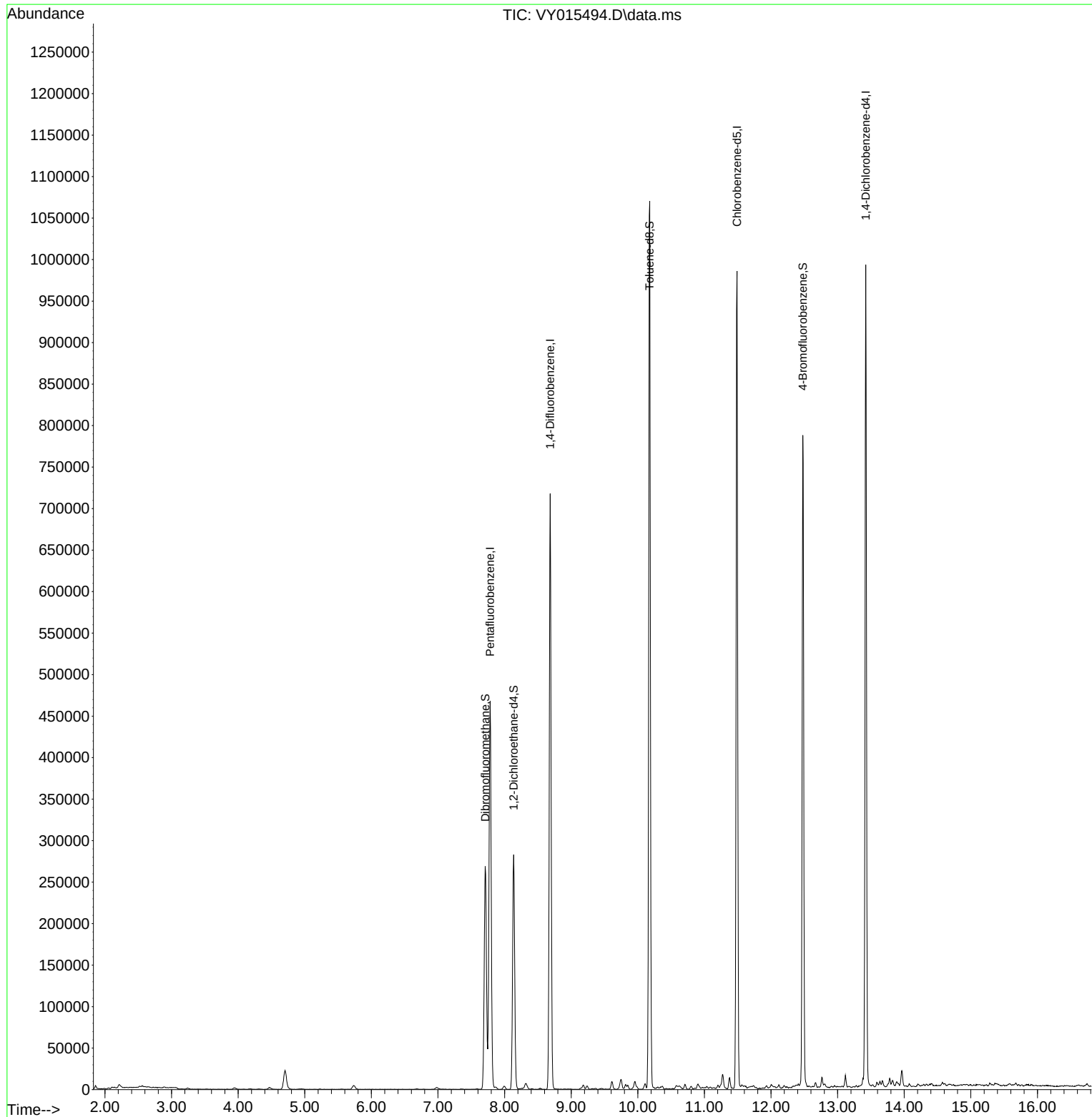
Target Compounds	Qvalue

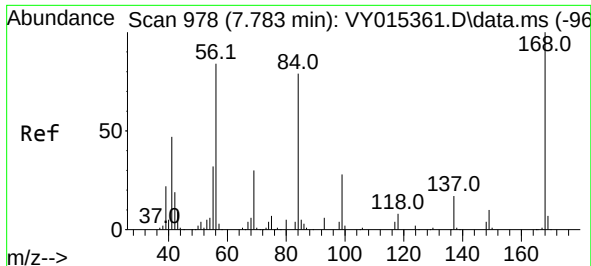
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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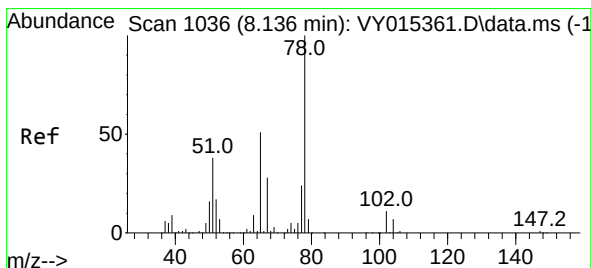
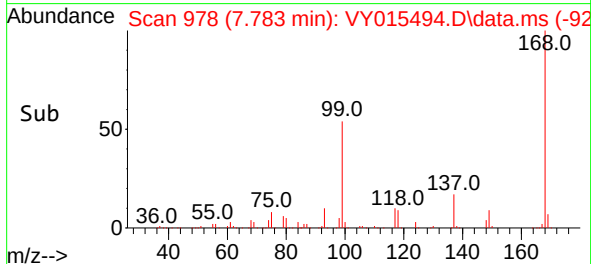
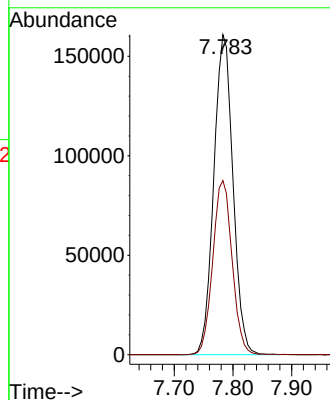
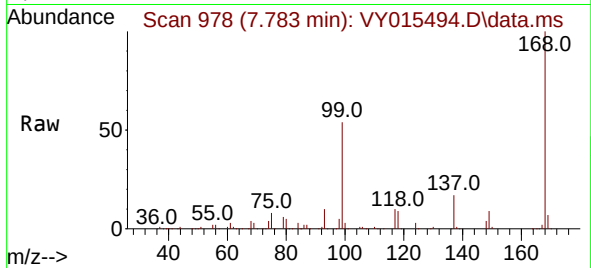




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

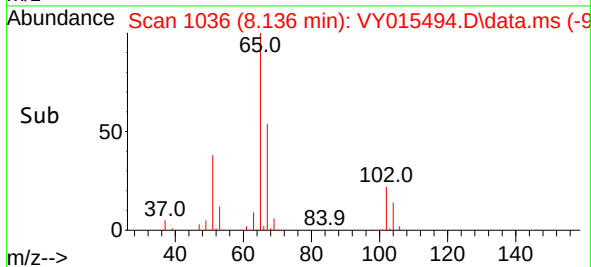
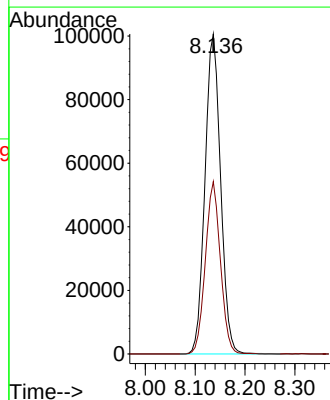
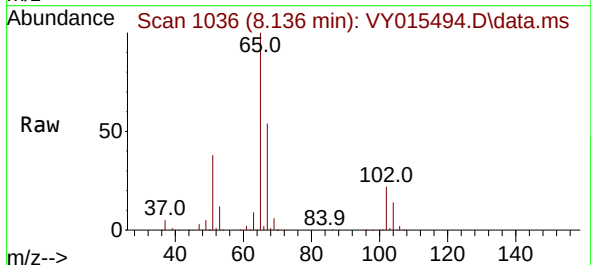
Instrument :
MSVOA_Y
ClientSampleId :
DB-2-(15-20)

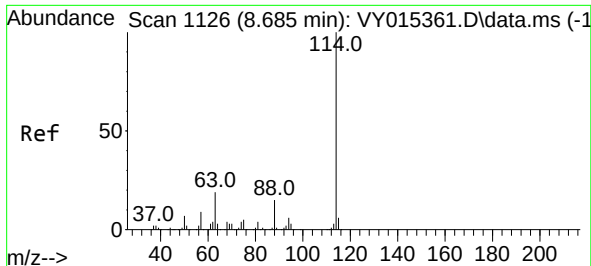
Tgt Ion:168 Resp: 364861
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.008 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Tgt Ion: 65 Resp: 219063
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

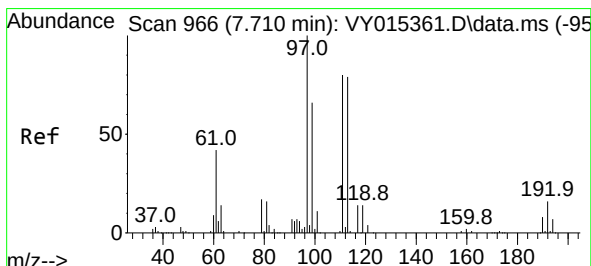
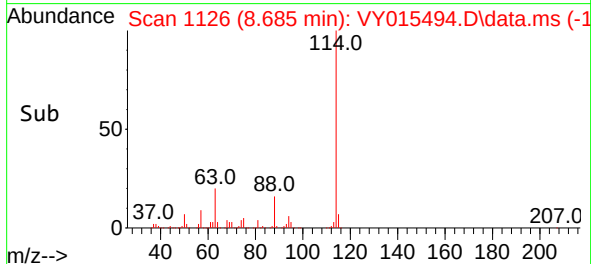
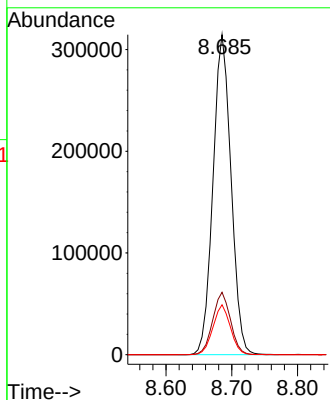
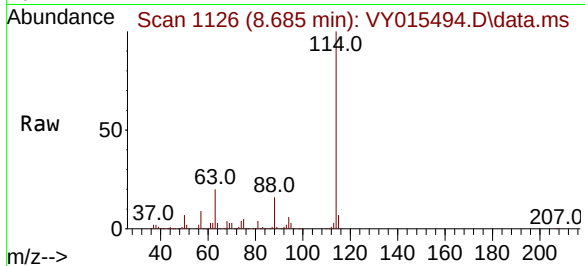




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

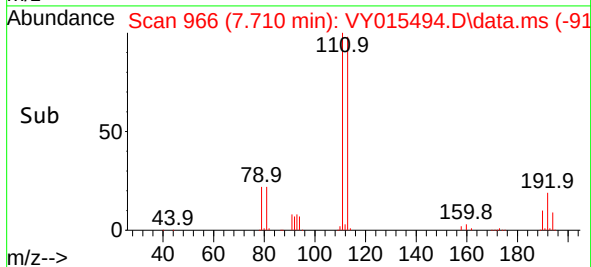
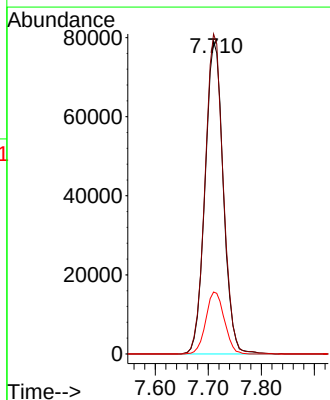
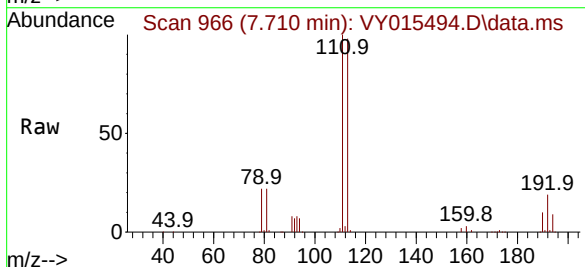
Instrument :
MSVOA_Y
ClientSampleId :
DB-2-(15-20)

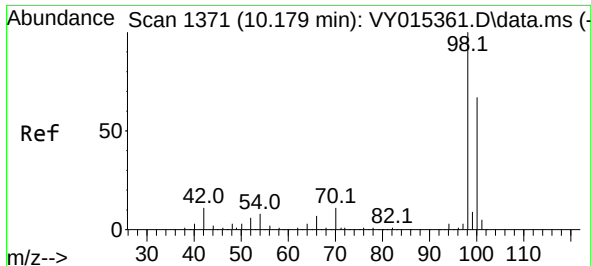
Tgt Ion:114 Resp: 601250
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.308 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Tgt Ion:113 Resp: 188072
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 20.2 16.9 25.3

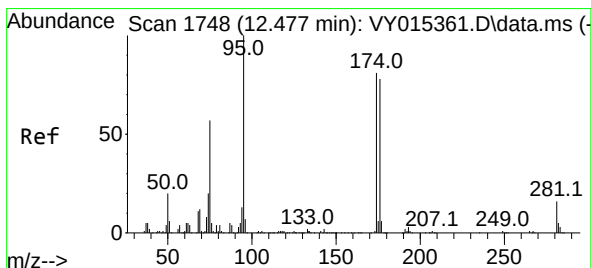
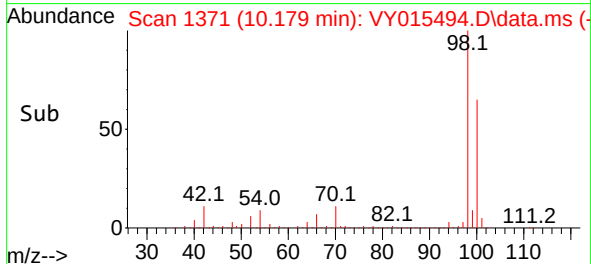
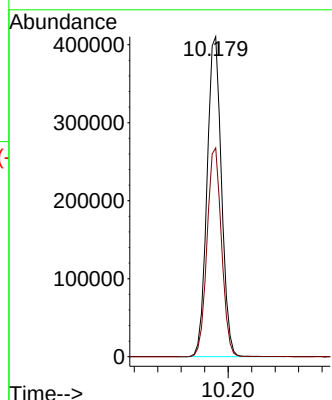
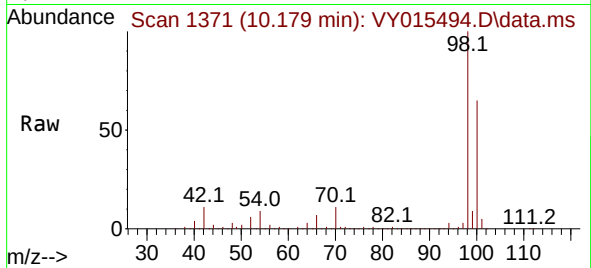




#50
Toluene-d8
Concen: 55.809 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

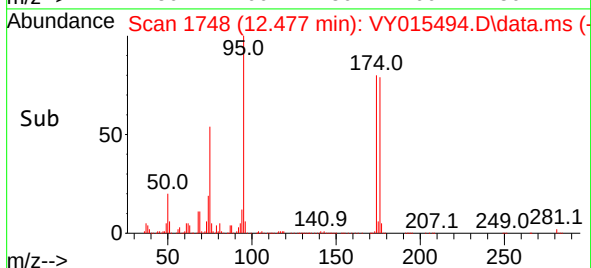
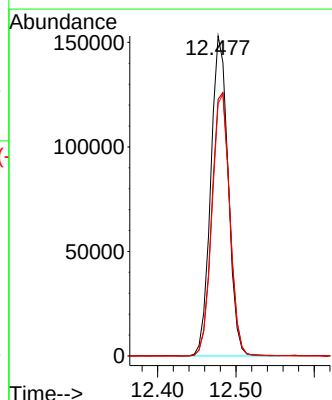
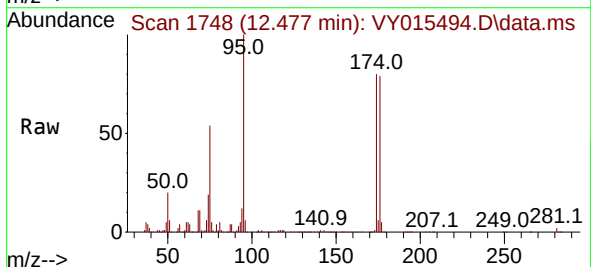
Instrument :
MSVOA_Y
ClientSampleId :
DB-2-(15-20)

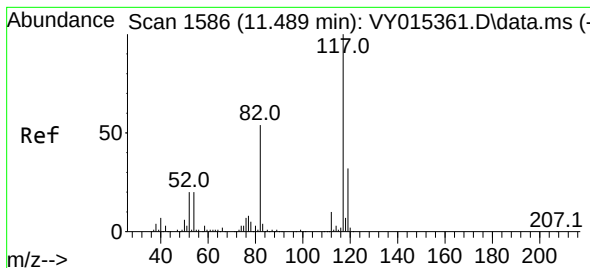
Tgt Ion: 98 Resp: 699906
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.756 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Tgt Ion: 95 Resp: 236306
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 83.4 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: VY015494.D

Acq: 11 Sep 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

DB-2-(15-20)

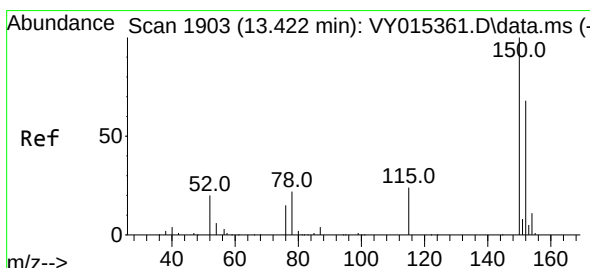
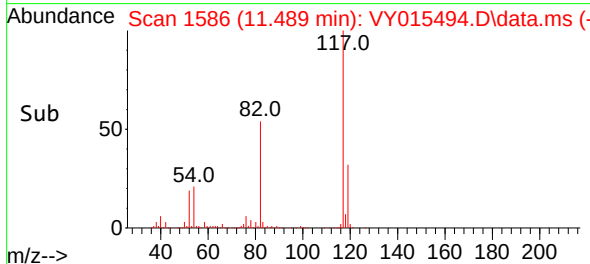
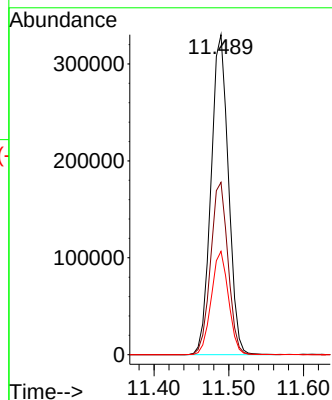
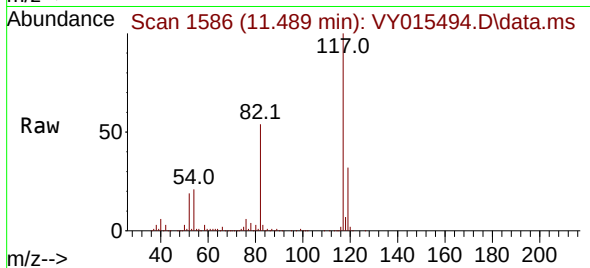
Tgt Ion:117 Resp: 532598

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015494.D

Acq: 11 Sep 2023 18:03

Tgt Ion:152 Resp: 248879

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 155.6 0.0 348.8

