

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015530.D
 Acq On : 14 Sep 2023 12:32
 Operator : SY/MD
 Sample : VY0914SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0914SBL01

Quant Time: Sep 15 03:58:41 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	7.789	168	279791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	478649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	431610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	171748	57.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.520%
35) Dibromofluoromethane	7.716	113	149534	54.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.480%
50) Toluene-d8	10.179	98	557453	55.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.680%
62) 4-Bromofluorobenzene	12.483	95	189255	51.062	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.120%

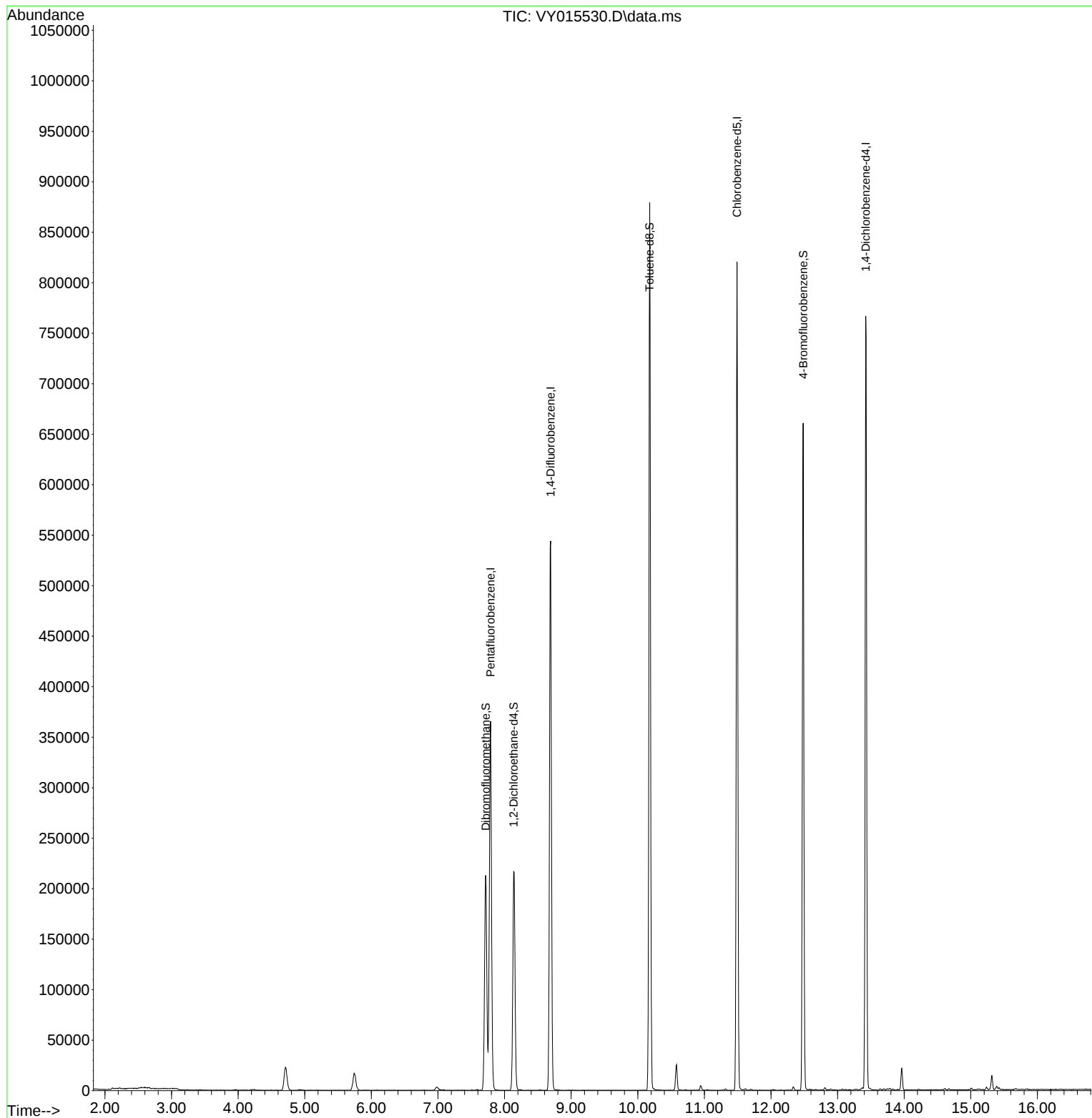
Target Compounds	Qvalue

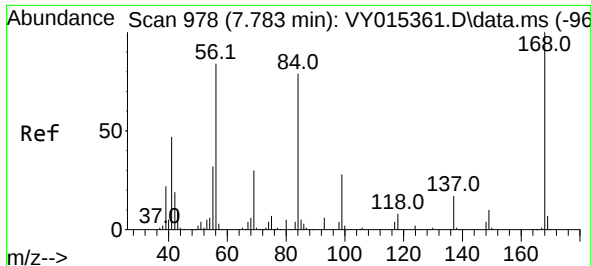
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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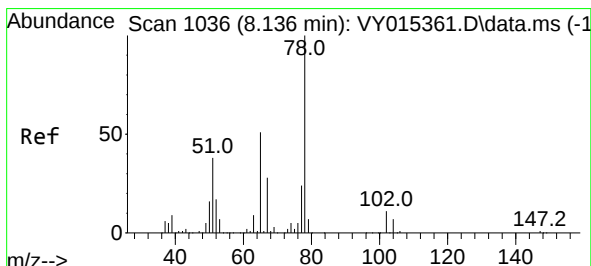
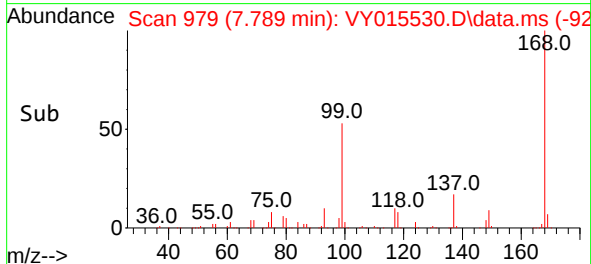
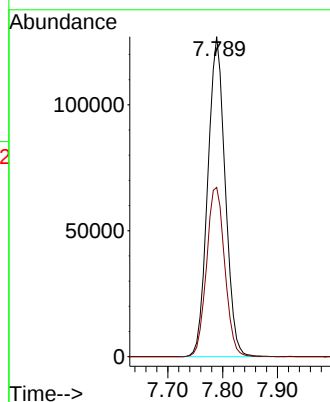
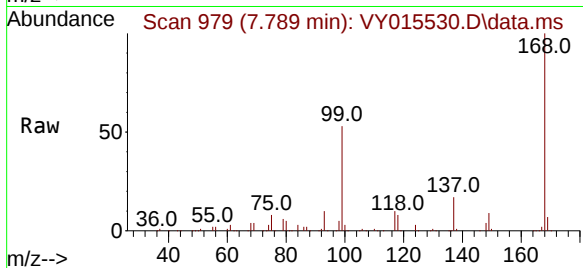




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

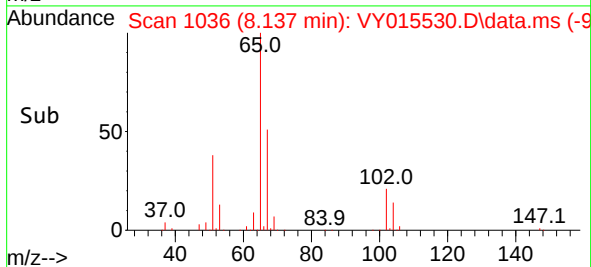
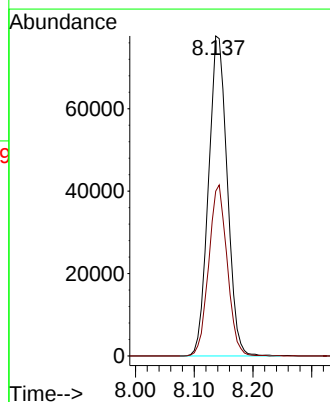
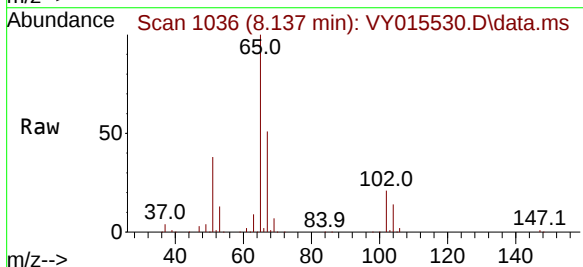
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

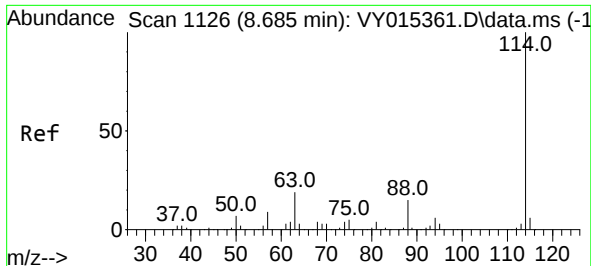
Tgt Ion:168 Resp: 279791
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.262 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

Tgt Ion: 65 Resp: 171748
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

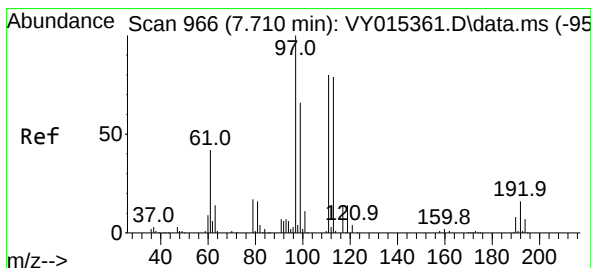
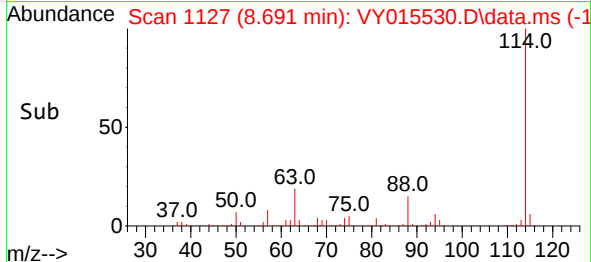
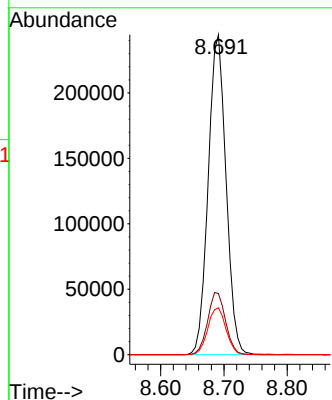
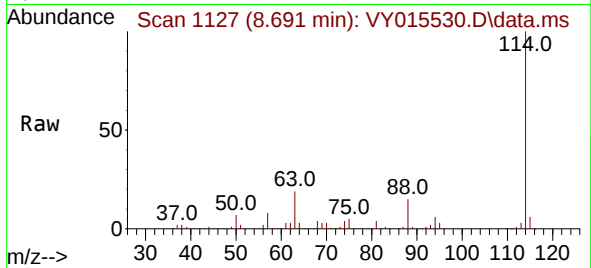




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

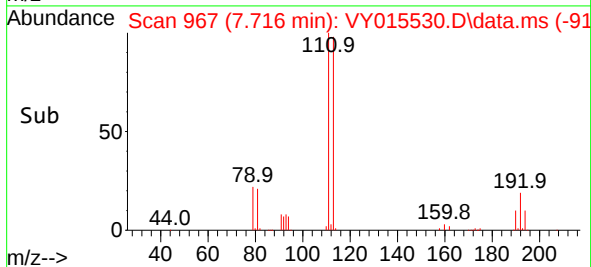
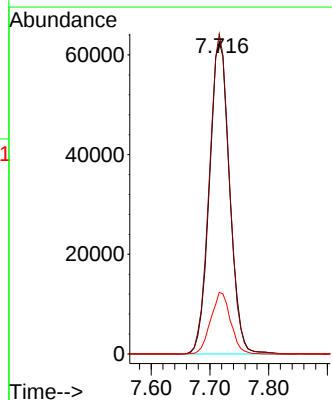
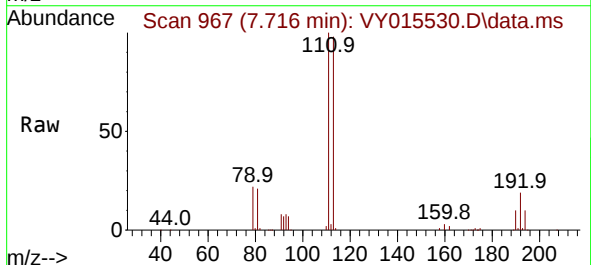
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

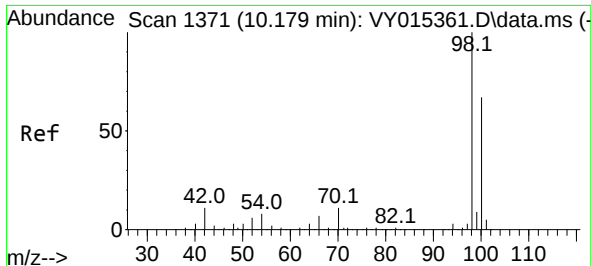
Tgt Ion:114 Resp: 478649
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.240 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

Tgt Ion:113 Resp: 149534
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.4 16.9 25.3

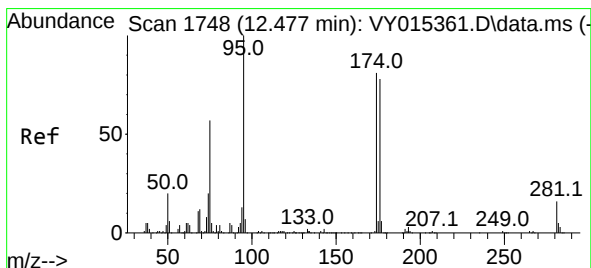
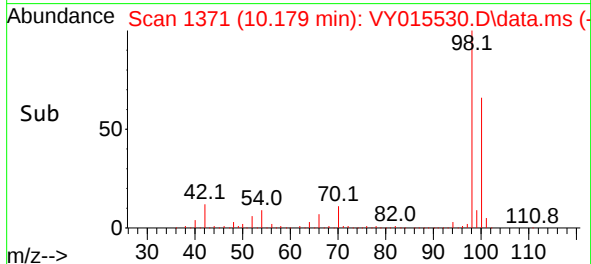
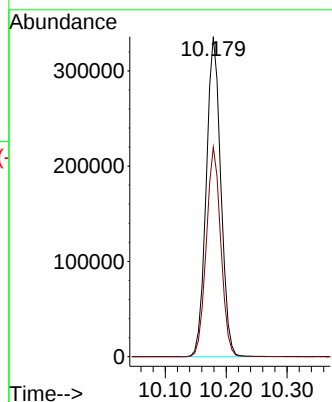
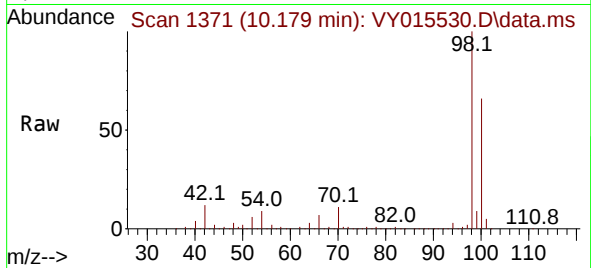




#50
Toluene-d8
Concen: 55.836 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

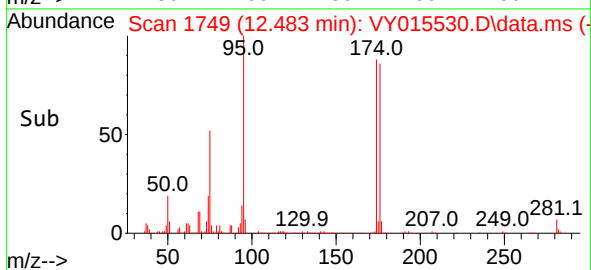
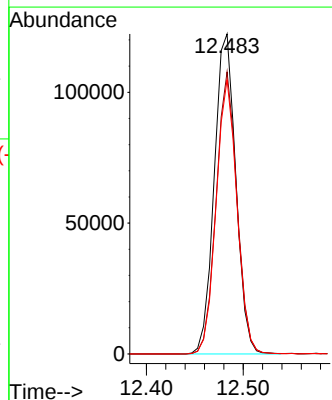
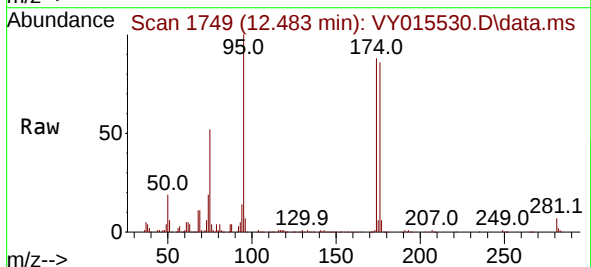
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

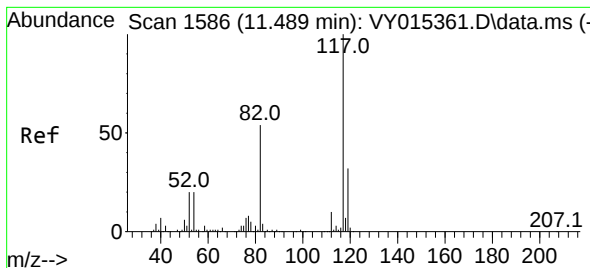
Tgt Ion: 98 Resp: 557453
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.062 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

Tgt Ion: 95 Resp: 189255
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015530.D

Acq: 14 Sep 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0914SBL01

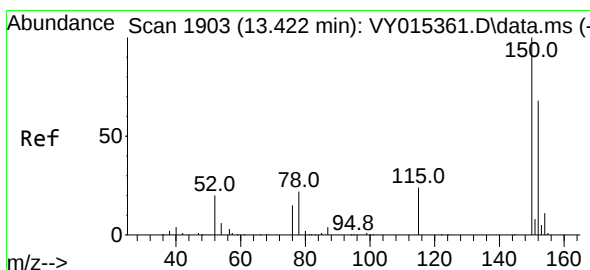
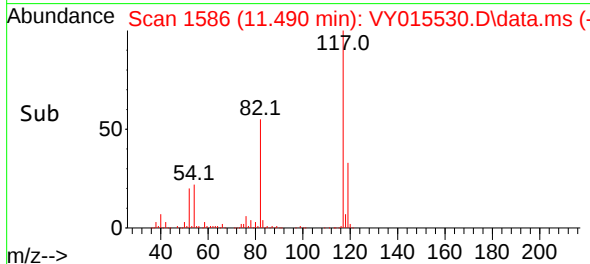
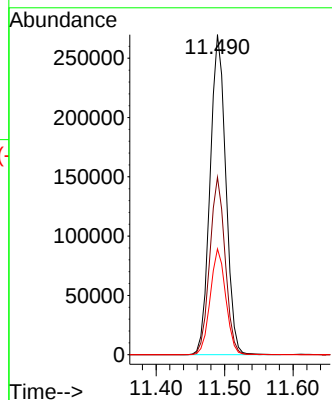
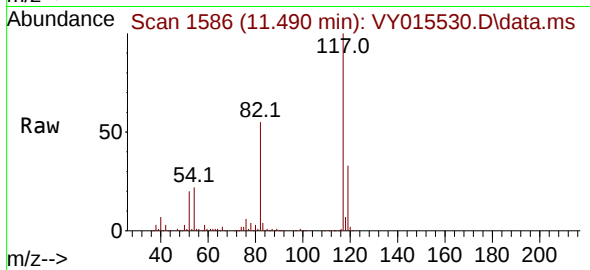
Tgt Ion:117 Resp: 431610

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 33.0 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: VY015530.D

Acq: 14 Sep 2023 12:32

Tgt Ion:152 Resp: 198385

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.6 0.0 348.8

