

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015592.D
 Acq On : 16 Sep 2023 01:13
 Operator : SY/MD
 Sample : 04419-04
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-04(35-37)

Quant Time: Sep 16 05:27:35 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	7.801	168	292626	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	493345	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	456780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	215093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	183384	58.460	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.920%
35) Dibromofluoromethane	7.728	113	155289	54.649	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.300%
50) Toluene-d8	10.185	98	584707	56.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.640%
62) 4-Bromofluorobenzene	12.483	95	205291	53.739	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.480%

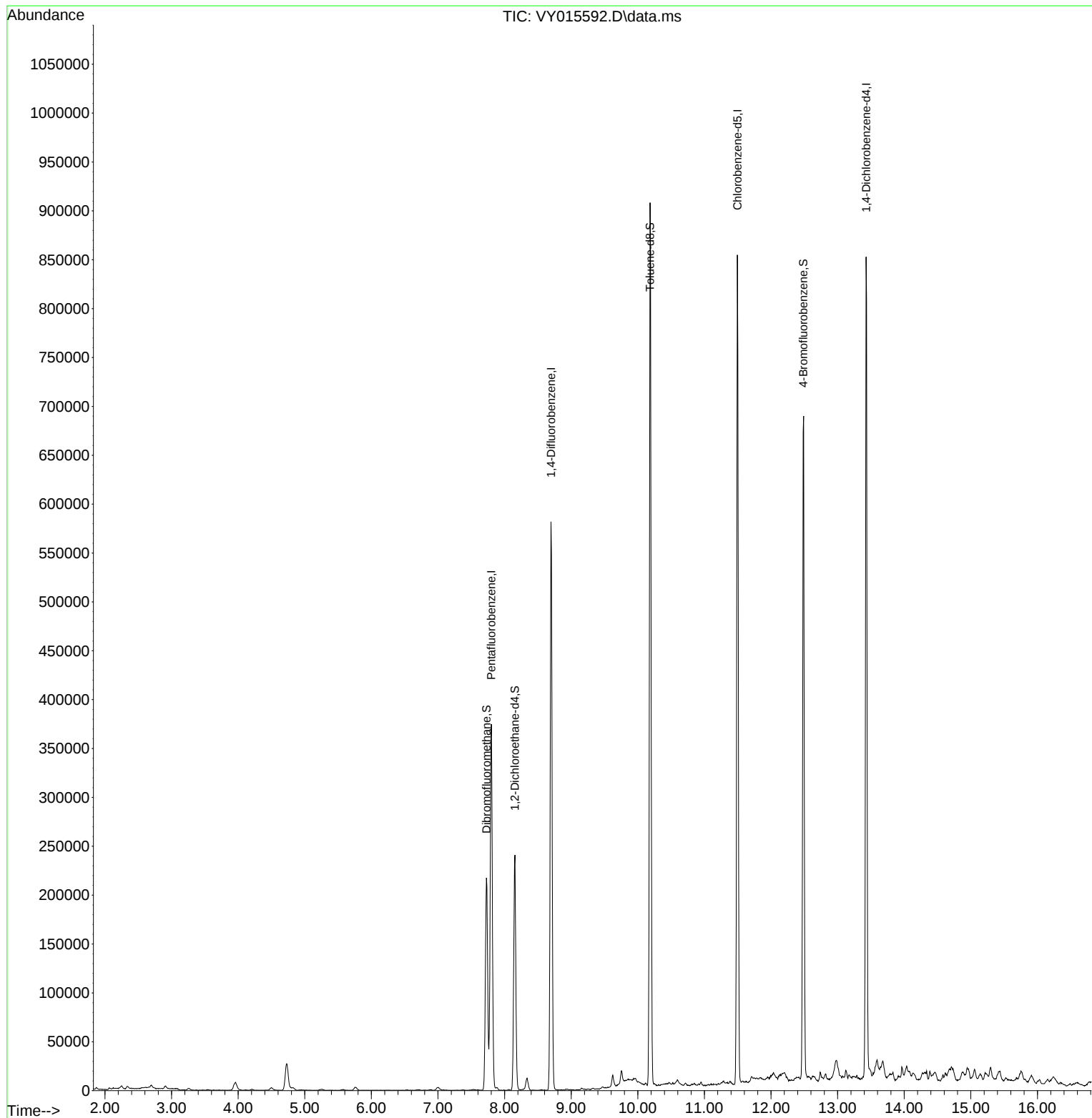
Target Compounds	Qvalue

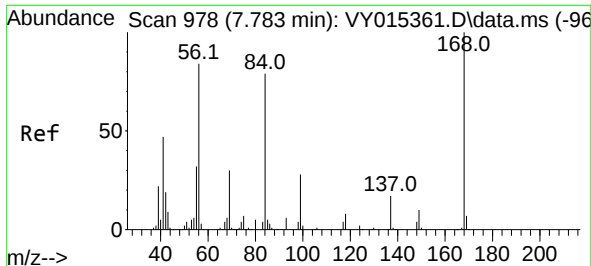
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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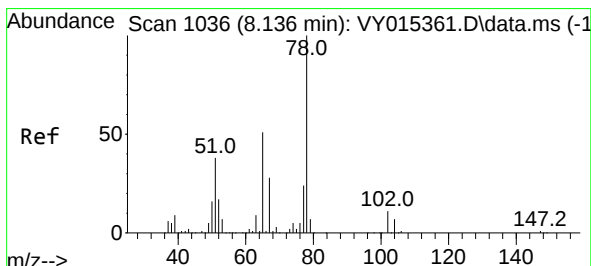
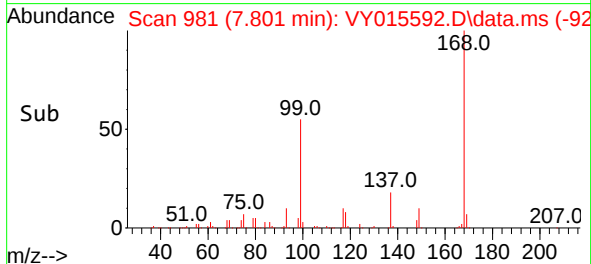
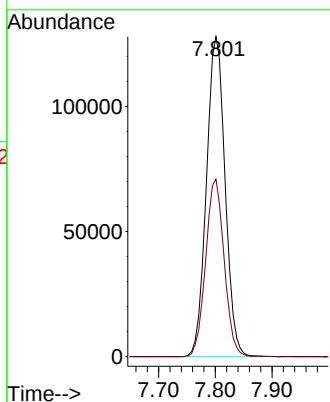
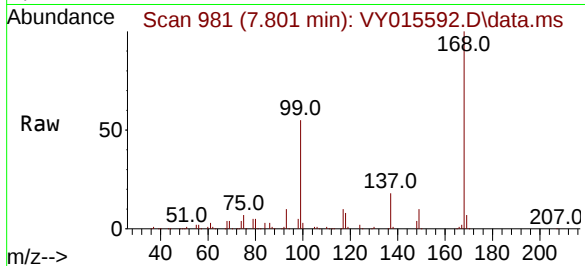




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

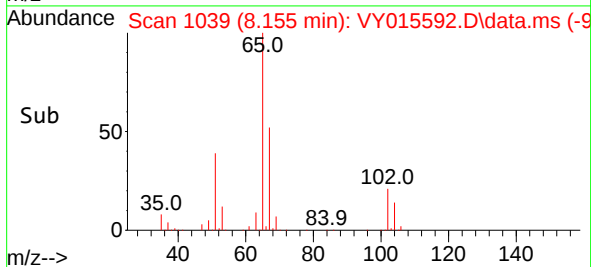
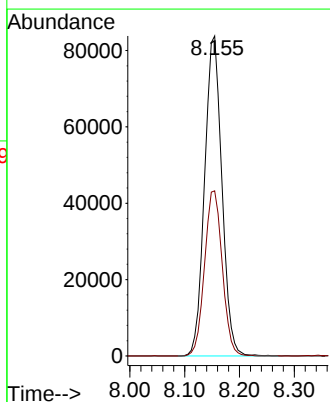
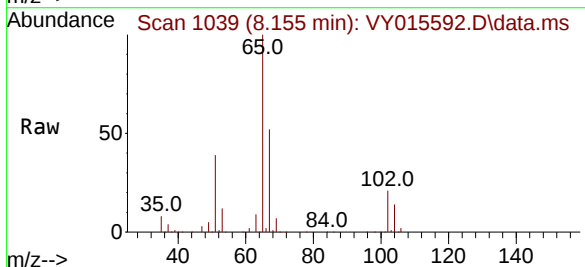
Instrument :
MSVOA_Y
ClientSampleId :
DB-04(35-37)

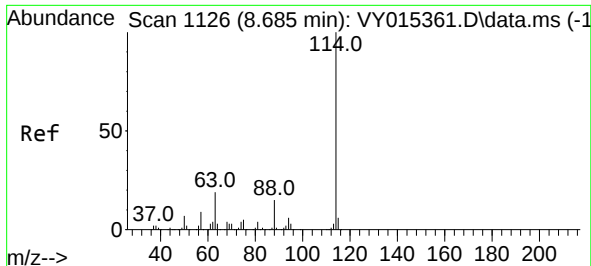
Tgt Ion:168 Resp: 292626
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.460 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

Tgt Ion: 65 Resp: 183384
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015592.D

Acq: 16 Sep 2023 01:13

Instrument :

MSVOA_Y

ClientSampleId :

DB-04(35-37)

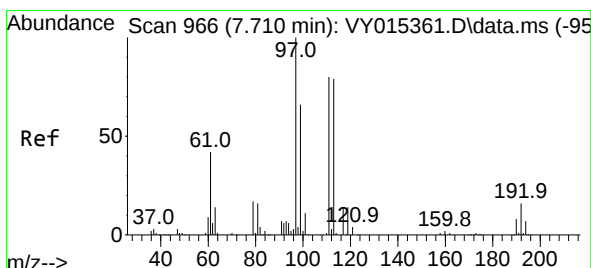
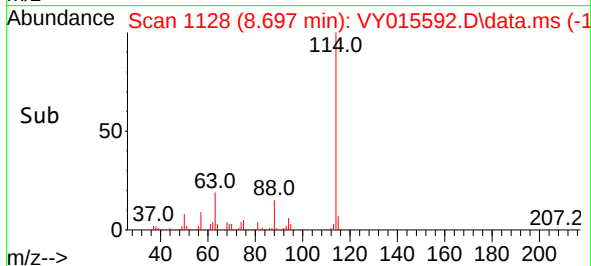
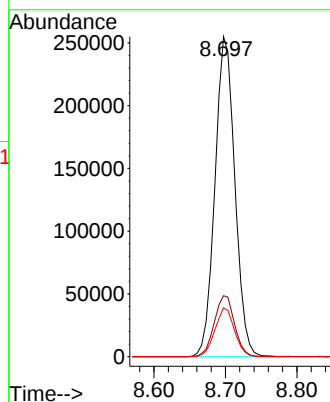
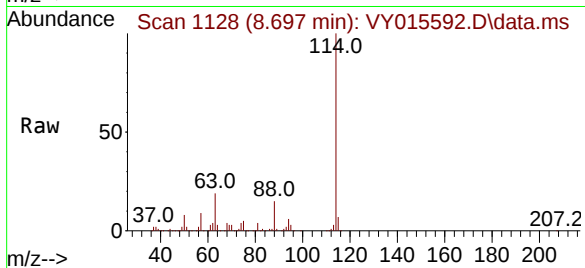
Tgt Ion:114 Resp: 493345

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.649 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015592.D

Acq: 16 Sep 2023 01:13

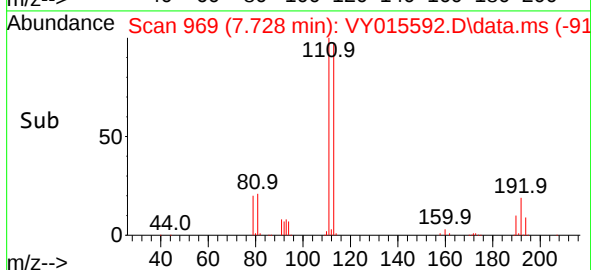
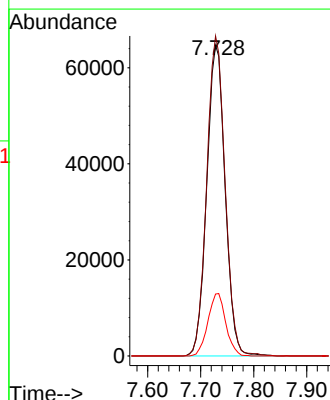
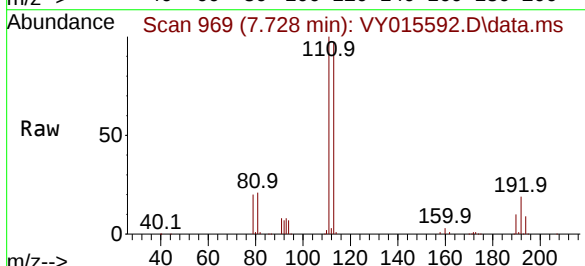
Tgt Ion:113 Resp: 155289

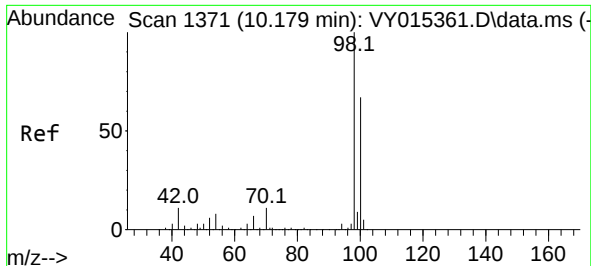
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.6 16.9 25.3

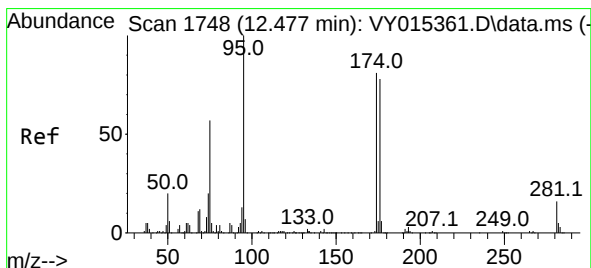
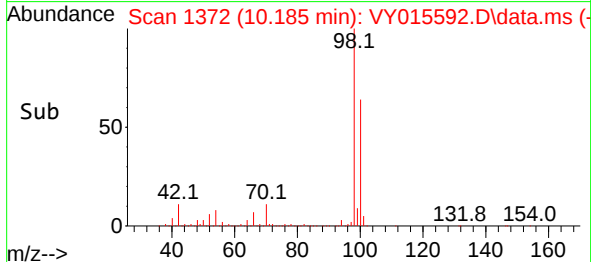
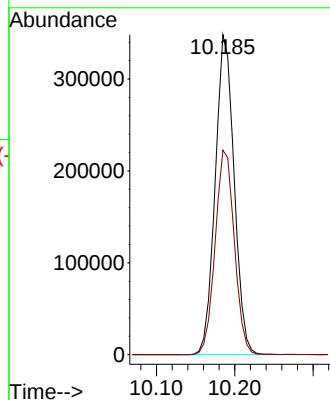
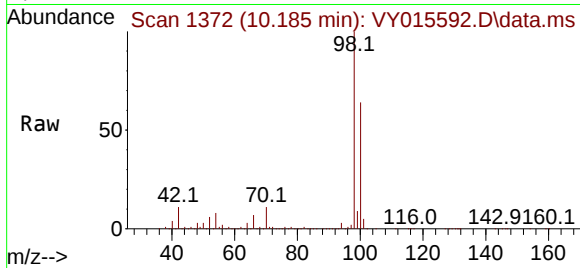




#50
Toluene-d8
Concen: 56.821 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

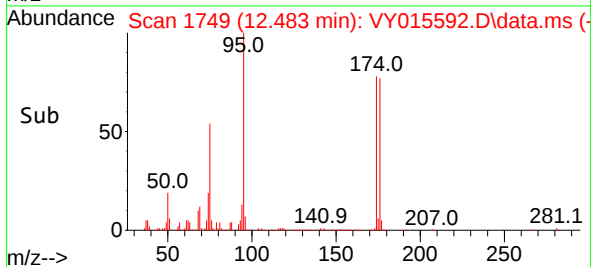
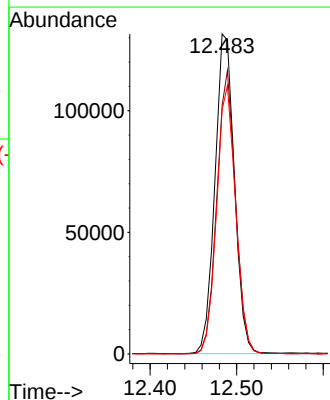
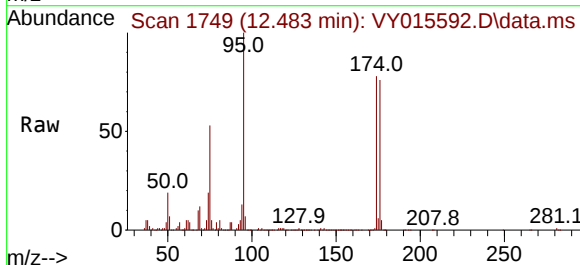
Instrument :
MSVOA_Y
ClientSampleId :
DB-04(35-37)

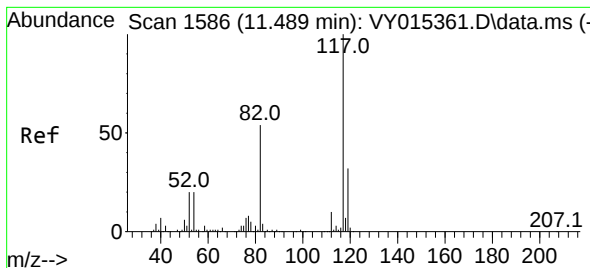
Tgt Ion: 98 Resp: 584707
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.739 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

Tgt Ion: 95 Resp: 205291
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015592.D

Acq: 16 Sep 2023 01:13

Instrument :

MSVOA_Y

ClientSampleId :

DB-04(35-37)

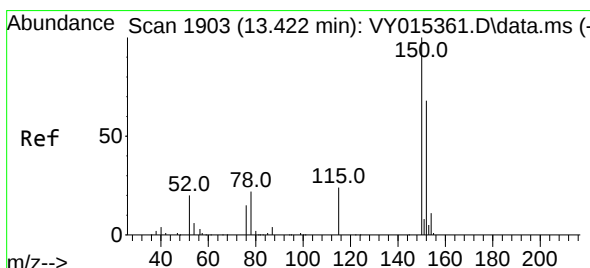
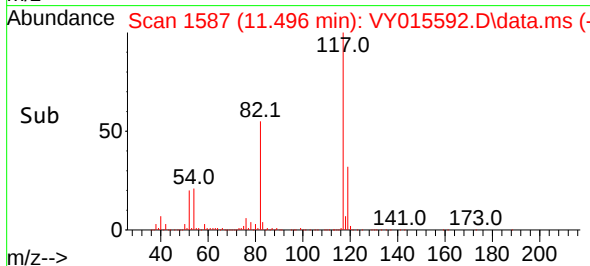
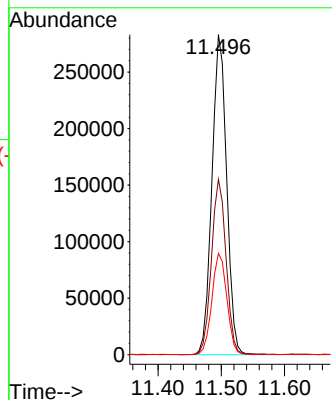
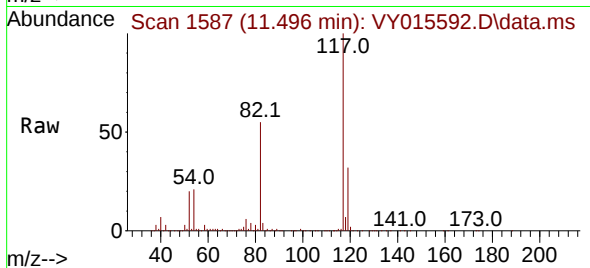
Tgt Ion:117 Resp: 456780

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 31.6 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: VY015592.D

Acq: 16 Sep 2023 01:13

Tgt Ion:152 Resp: 215093

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.7 0.0 348.8

