

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015492.D
 Acq On : 11 Sep 2023 17:16
 Operator : SY/MD
 Sample : 04371-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 289

Quant Time: Sep 12 01:20:14 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	325541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	538945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	494059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	241324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	205930	59.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.020%
35) Dibromofluoromethane	7.710	113	168276	54.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.420%
50) Toluene-d8	10.179	98	628198	55.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.760%
62) 4-Bromofluorobenzene	12.477	95	227370	54.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.960%

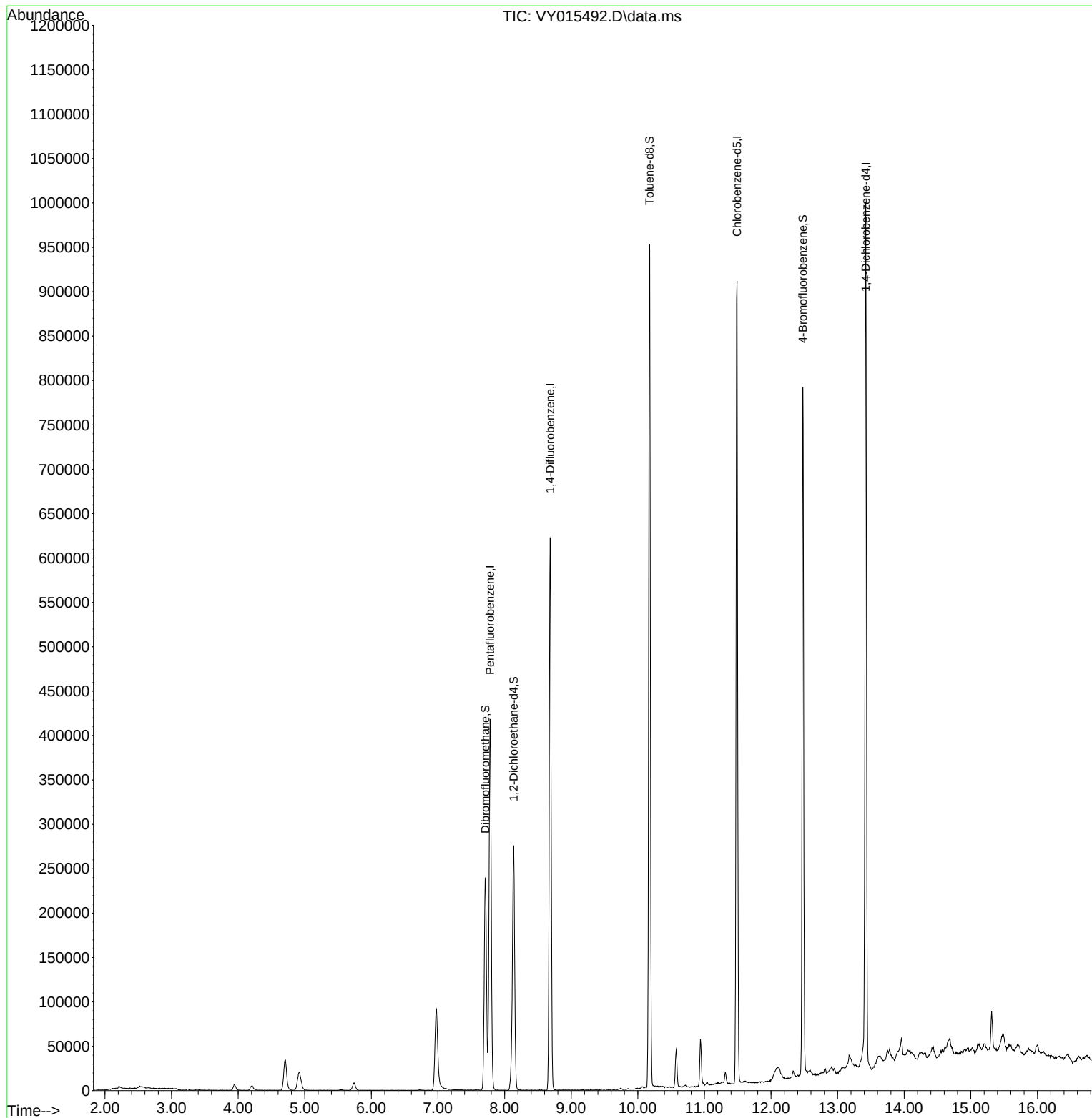
Target Compounds	Qvalue

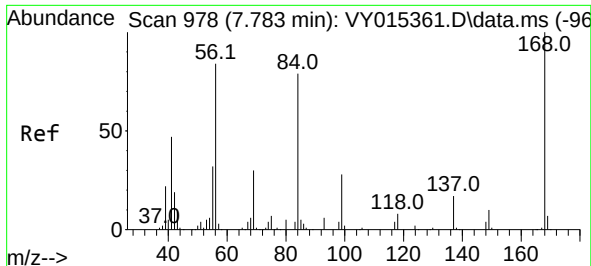
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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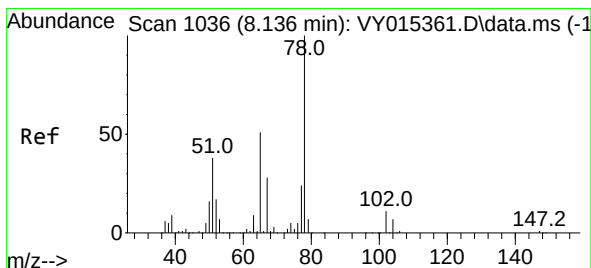
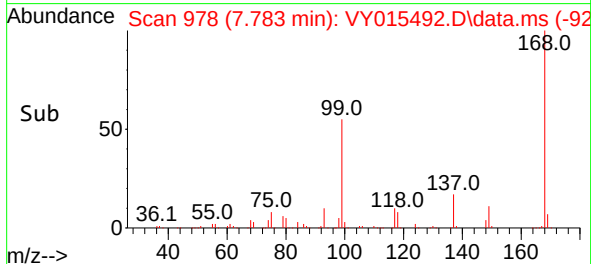
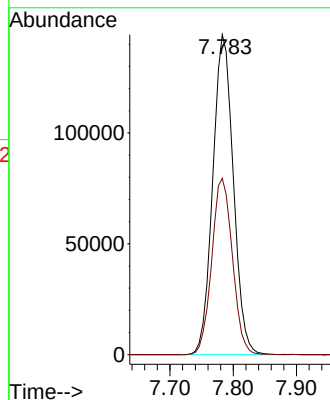
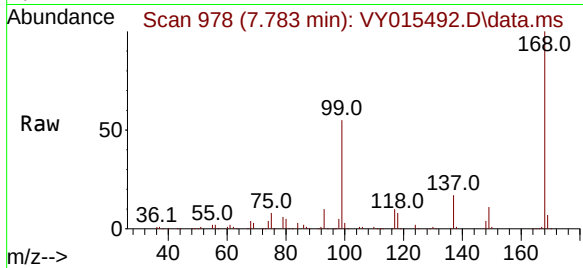




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015492.D
Acq: 11 Sep 2023 17:16

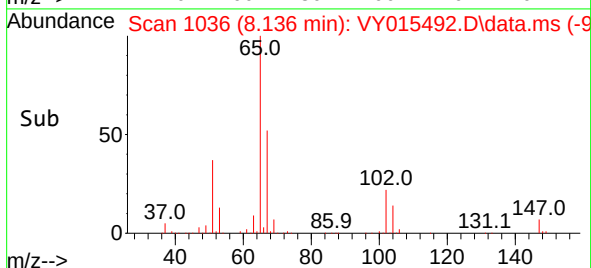
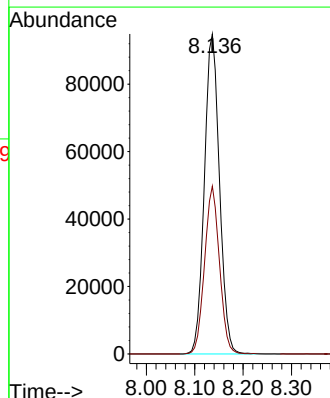
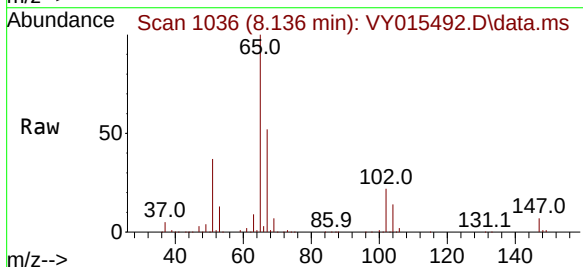
Instrument :
MSVOA_Y
ClientSampleId :
289

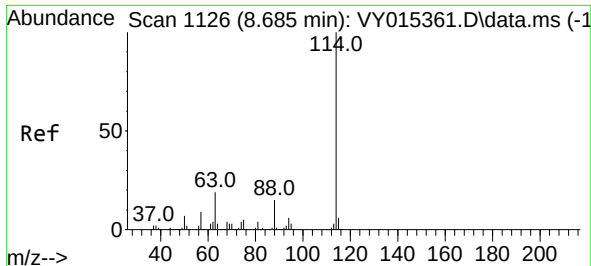
Tgt Ion:168 Resp: 325541
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.010 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015492.D
Acq: 11 Sep 2023 17:16

Tgt Ion: 65 Resp: 205930
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

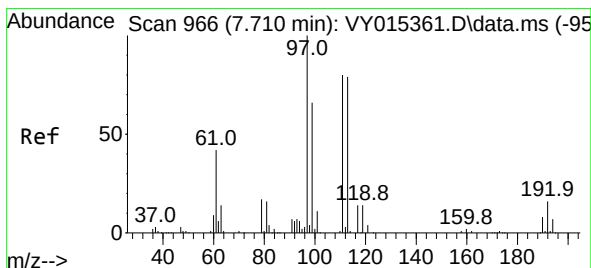
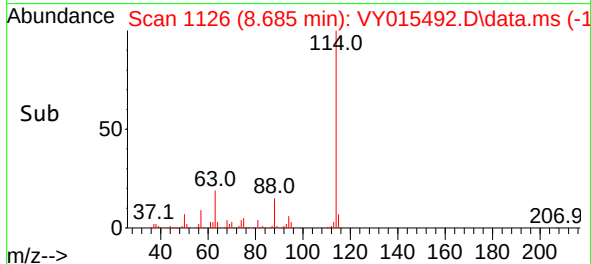
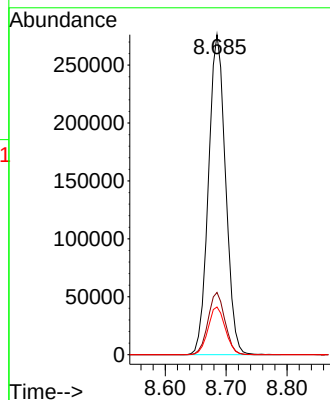
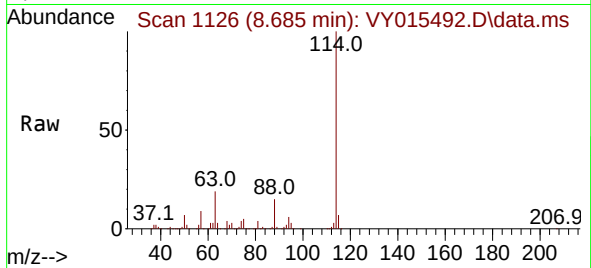




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015492.D
 Acq: 11 Sep 2023 17:16

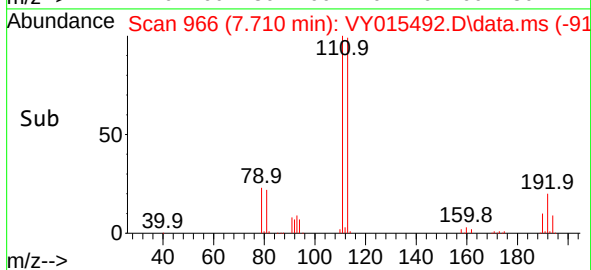
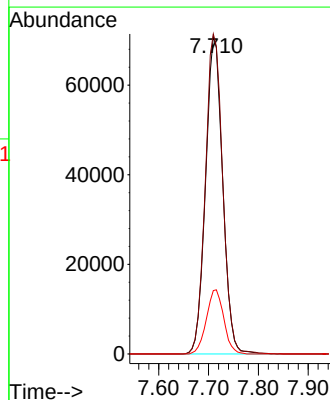
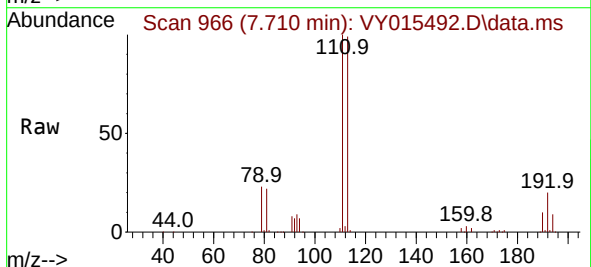
Instrument :
 MSVOA_Y
 ClientSampleId :
 289

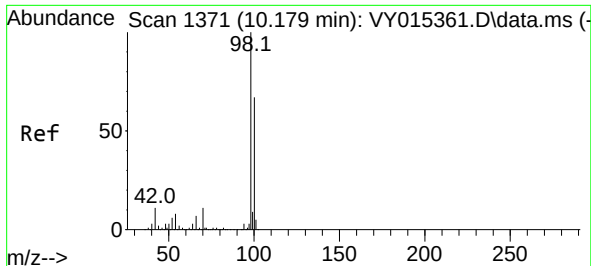
Tgt Ion:	114	Resp:	538945
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	42.4
88	14.9	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 54.209 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY015492.D
 Acq: 11 Sep 2023 17:16

Tgt Ion:	113	Resp:	168276
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.3	121.9
192	20.6	16.9	25.3

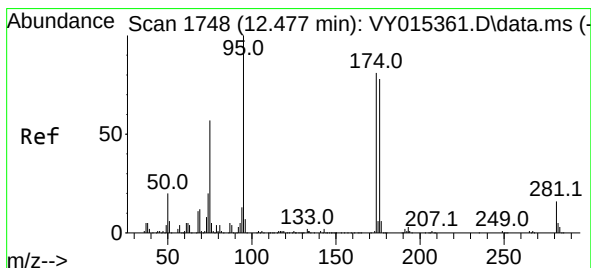
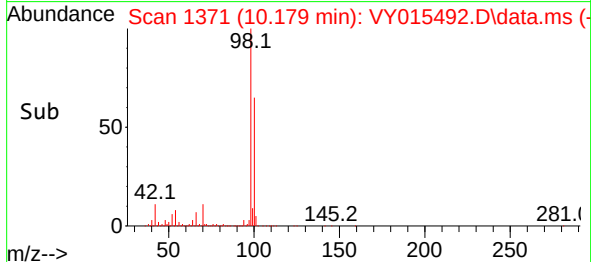
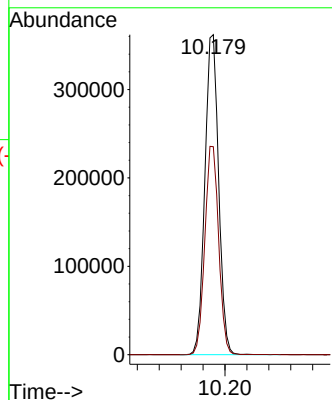
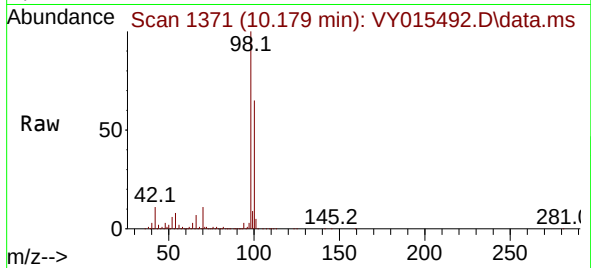




#50
Toluene-d8
Concen: 55.882 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015492.D
Acq: 11 Sep 2023 17:16

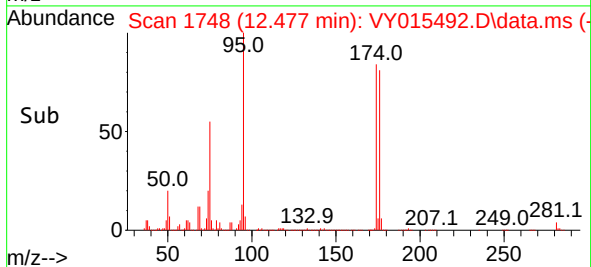
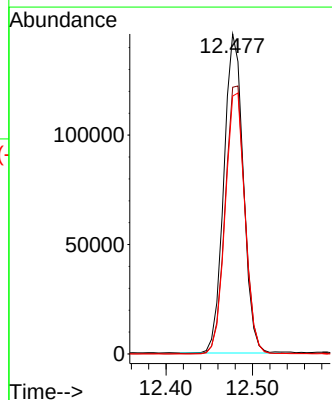
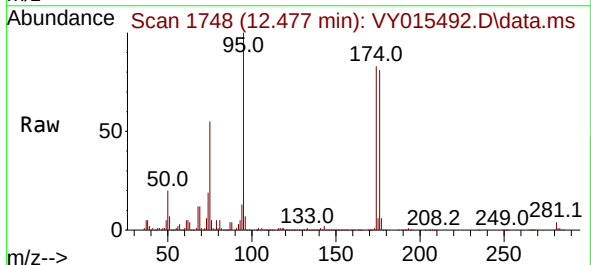
Instrument :
MSVOA_Y
ClientSampleId :
289

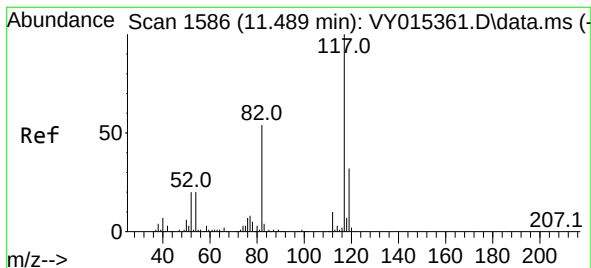
Tgt Ion: 98 Resp: 628198
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.483 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015492.D
Acq: 11 Sep 2023 17:16

Tgt Ion: 95 Resp: 227370
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.2 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: VY015492.D

Acq: 11 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

289

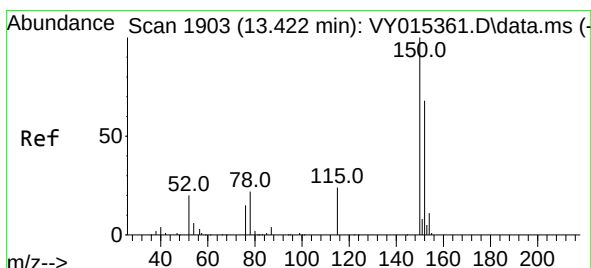
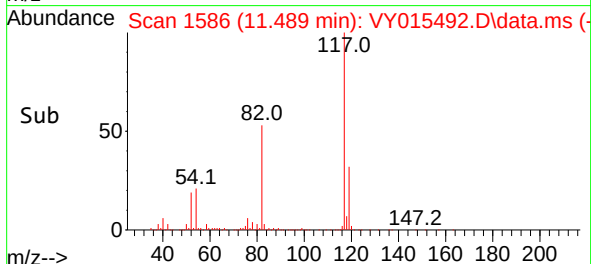
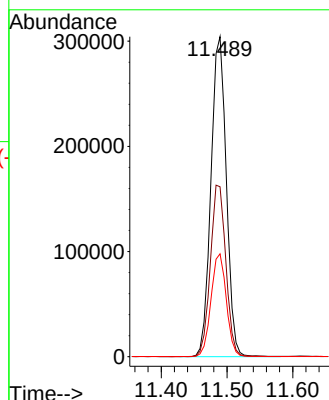
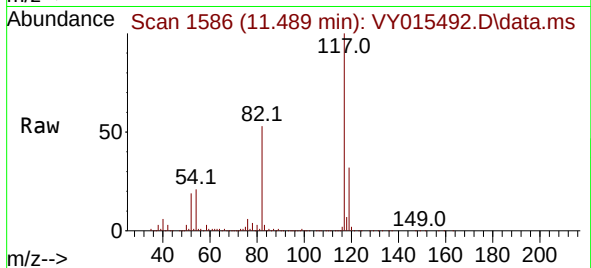
Tgt Ion:117 Resp: 494059

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.1 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: VY015492.D

Acq: 11 Sep 2023 17:16

Tgt Ion:152 Resp: 241324

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.7 0.0 348.8

