

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015547.D
 Acq On : 14 Sep 2023 20:36
 Operator : SY/MD
 Sample : 04351-09
 Misc : 6.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-01-()

Quant Time: Sep 15 04:06:29 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)

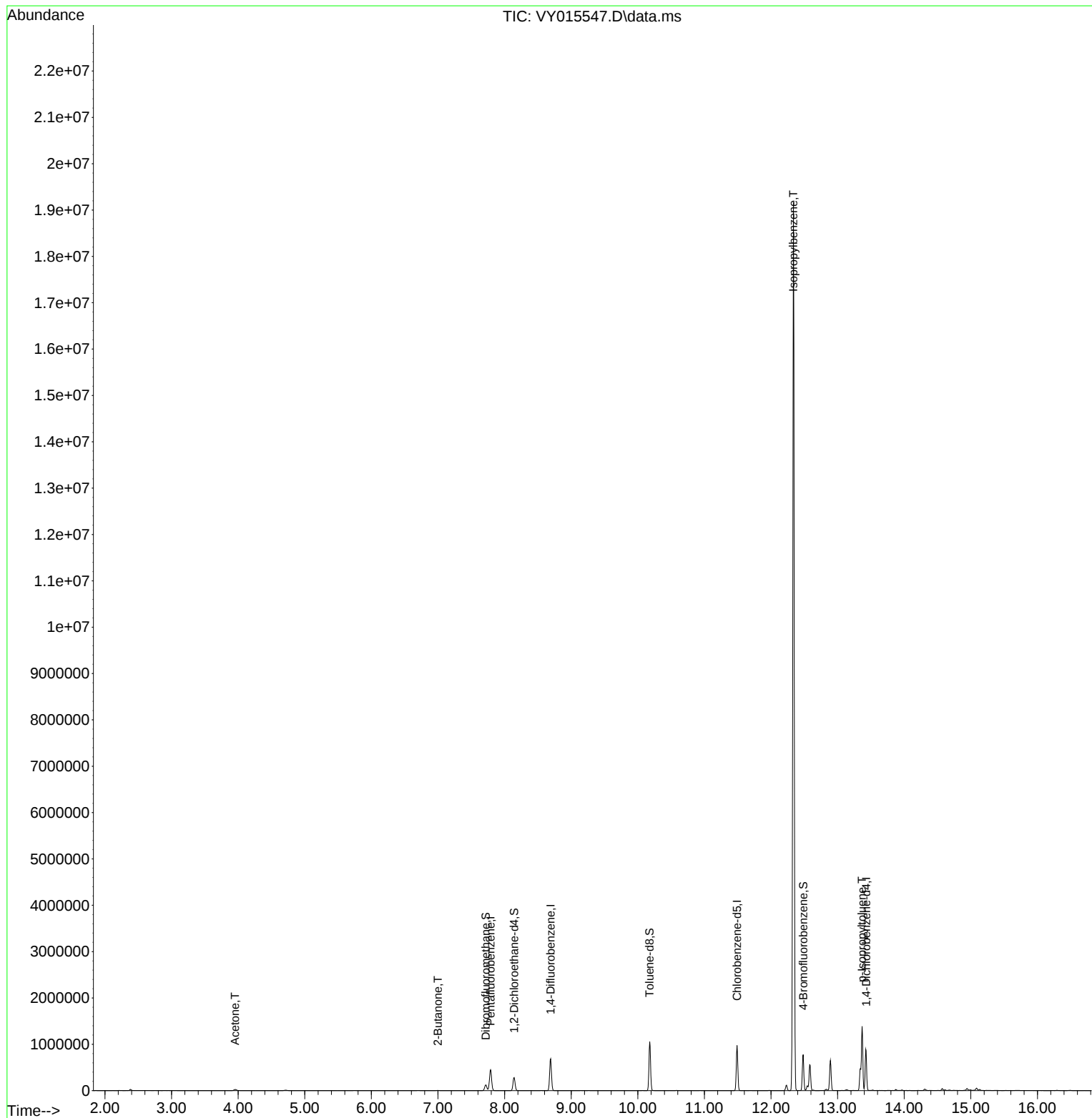
Internal Standards						
1) Pentafluorobenzene	7.789	168	351196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	588197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	523283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	225806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	226500	60.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.320%
35) Dibromofluoromethane	7.715	113	85812	25.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.660%#
50) Toluene-d8	10.178	98	687937	56.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.140%
62) 4-Bromofluorobenzene	12.483	95	235385	51.680	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.360%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	46832	29.803	ug/l	97
25) 2-Butanone	6.996	43	7426	3.332	ug/l	90
73) Isopropylbenzene	12.337	105	743387	43.829	ug/l #	57
86) p-Isopropyltoluene	13.367	119	757743	48.782	ug/l	98

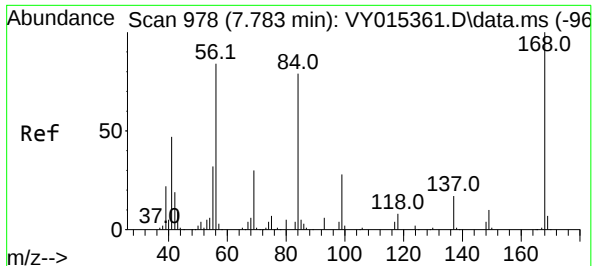
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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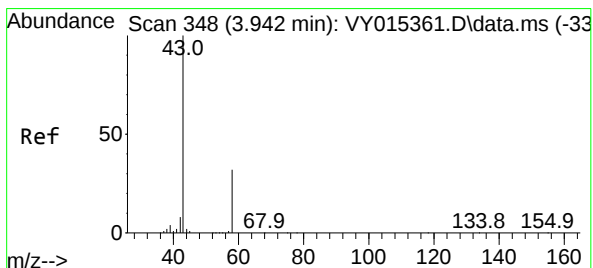
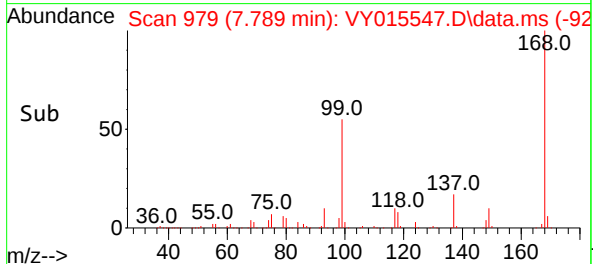
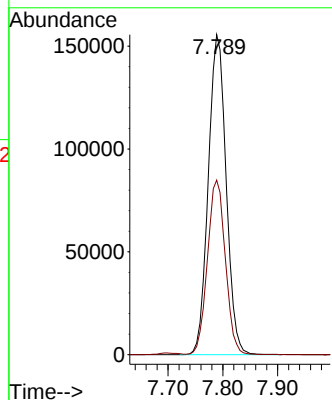
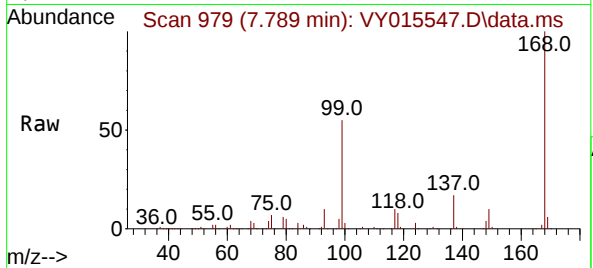




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015547.D
Acq: 14 Sep 2023 20:36

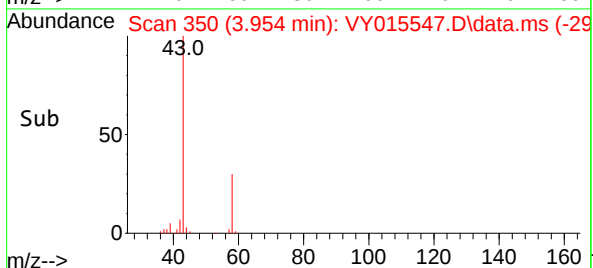
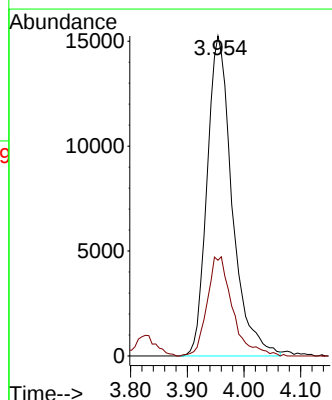
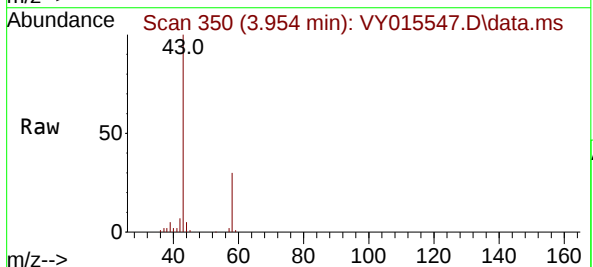
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-01-()

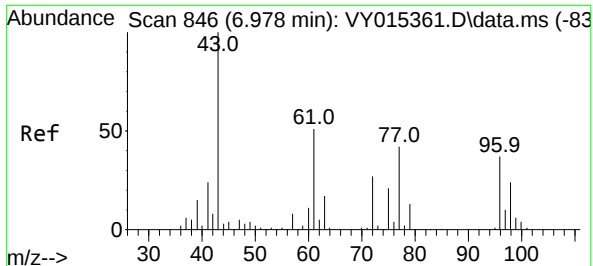
Tgt Ion:168 Resp: 351196
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#16
Acetone
Concen: 29.803 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015547.D
Acq: 14 Sep 2023 20:36

Tgt Ion: 43 Resp: 46832
Ion Ratio Lower Upper
43 100
58 29.9 22.7 34.1





#25

2-Butanone

Concen: 3.332 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY015547.D

Acq: 14 Sep 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

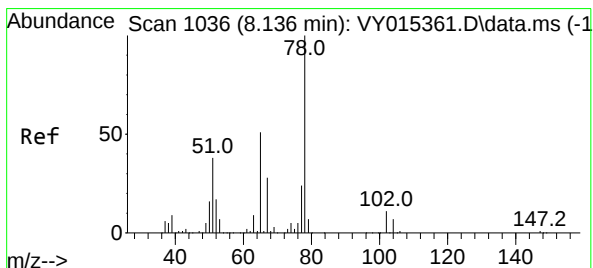
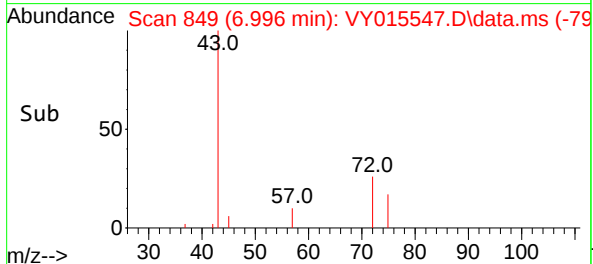
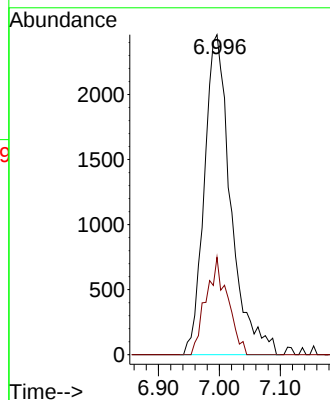
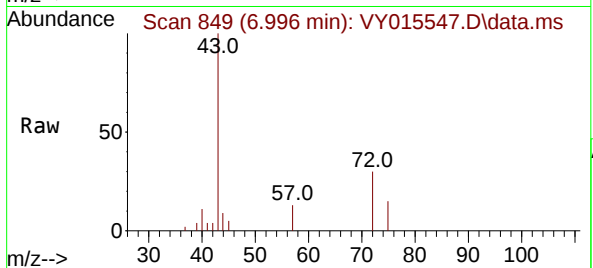
CPT102-01-()

Tgt Ion: 43 Resp: 7426

Ion Ratio Lower Upper

43 100

72 30.4 20.5 30.7



#33

1,2-Dichloroethane-d4

Concen: 60.163 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY015547.D

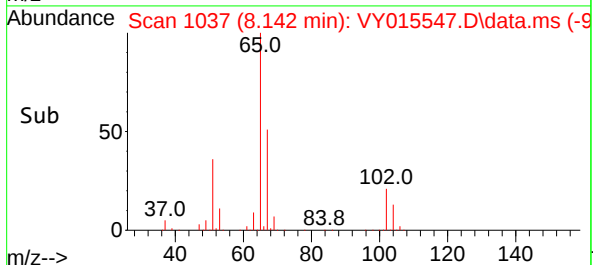
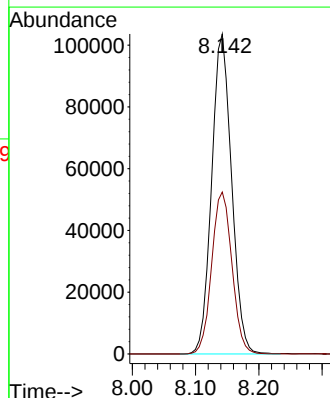
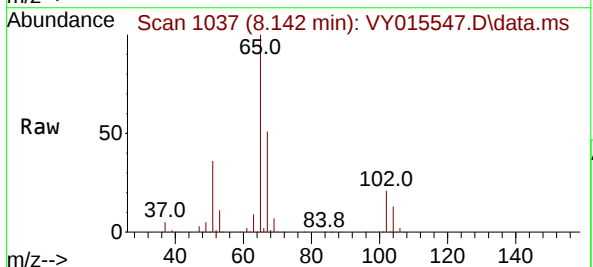
Acq: 14 Sep 2023 20:36

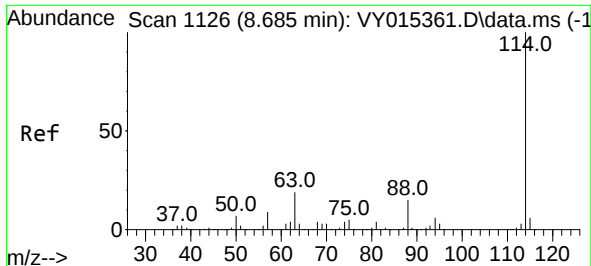
Tgt Ion: 65 Resp: 226500

Ion Ratio Lower Upper

65 100

67 51.4 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: VY015547.D

Acq: 14 Sep 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-01-()

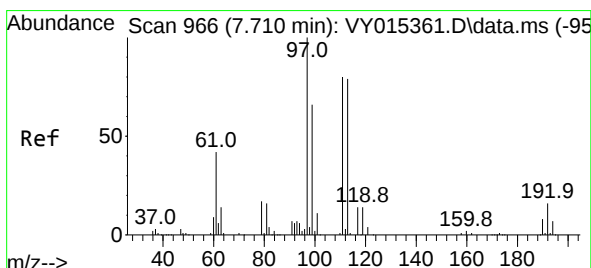
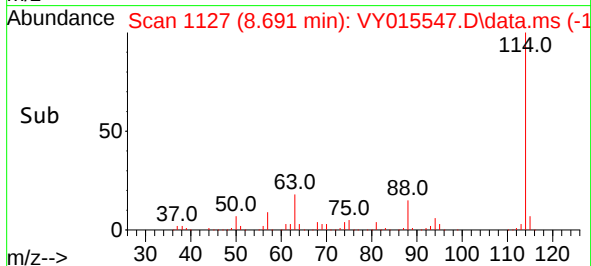
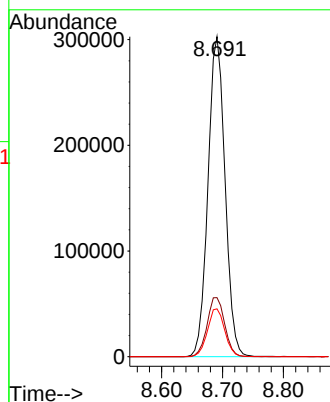
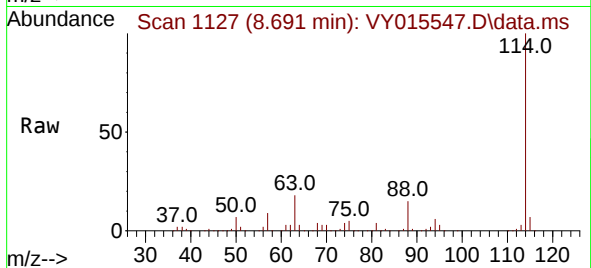
Tgt Ion:114 Resp: 588197

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 25.329 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015547.D

Acq: 14 Sep 2023 20:36

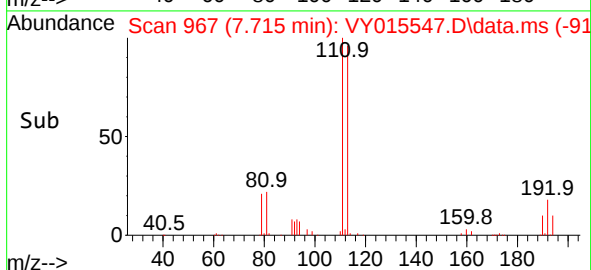
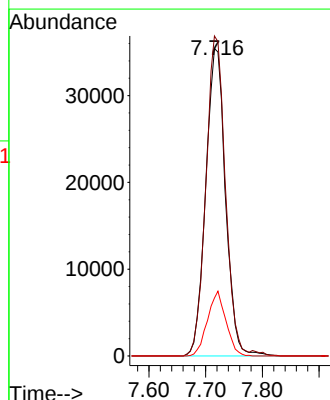
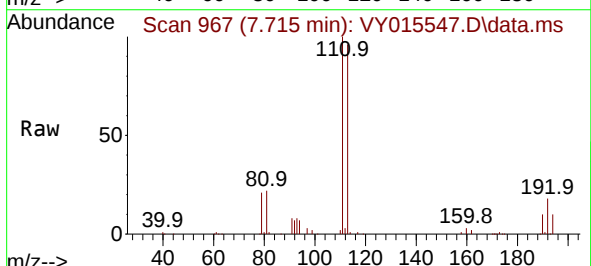
Tgt Ion:113 Resp: 85812

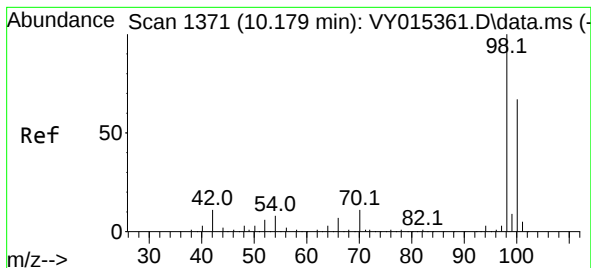
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 56.072 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015547.D

Acq: 14 Sep 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

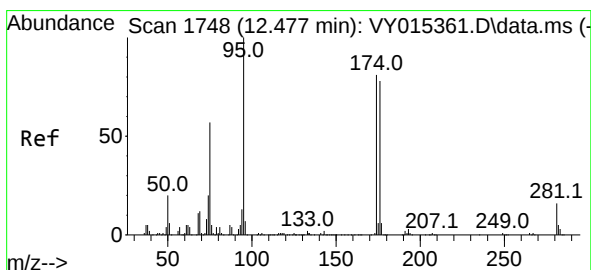
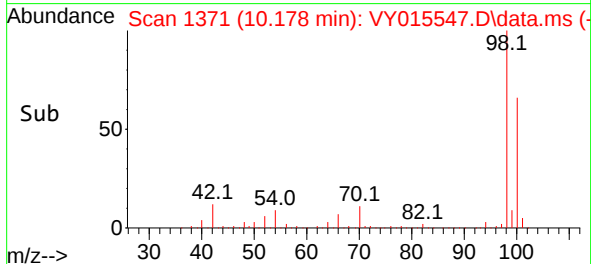
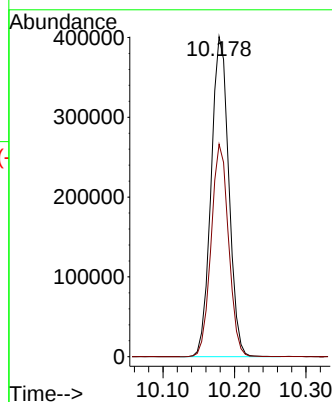
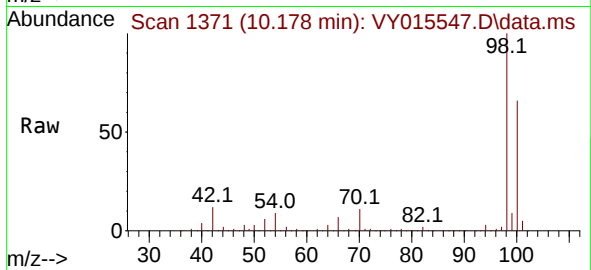
CPT102-01-()

Tgt Ion: 98 Resp: 687937

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.680 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015547.D

Acq: 14 Sep 2023 20:36

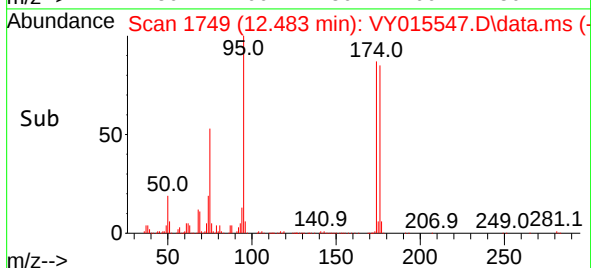
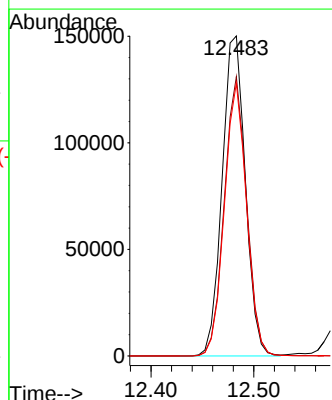
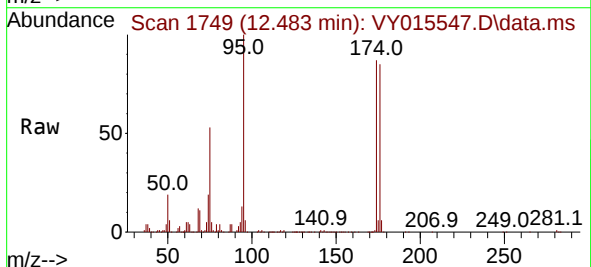
Tgt Ion: 95 Resp: 235385

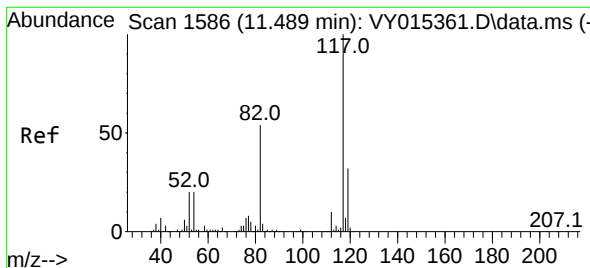
Ion Ratio Lower Upper

95 100

174 84.4 0.0 178.2

176 81.5 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: VY015547.D

Acq: 14 Sep 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-01-()

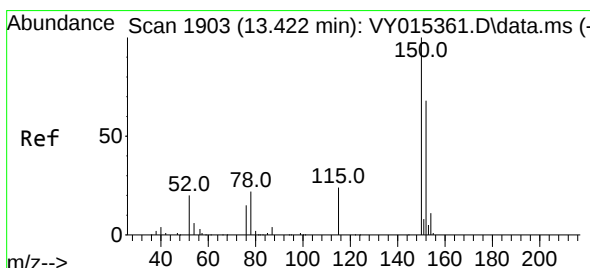
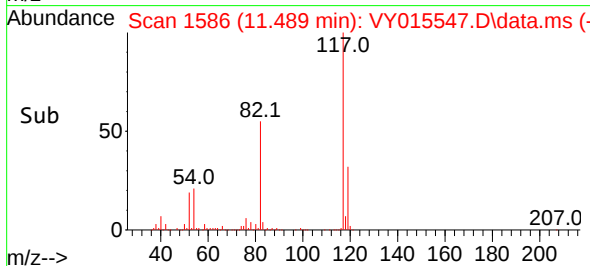
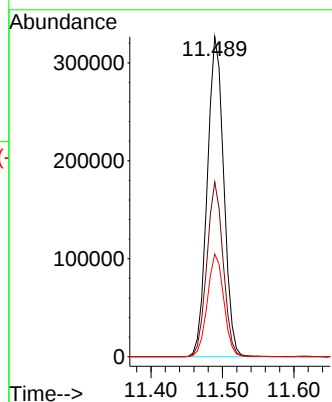
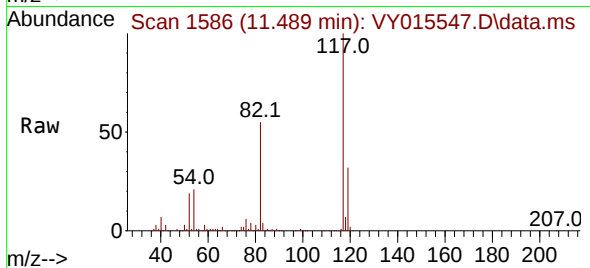
Tgt Ion:117 Resp: 523283

Ion Ratio Lower Upper

117 100

82 54.6 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: VY015547.D

Acq: 14 Sep 2023 20:36

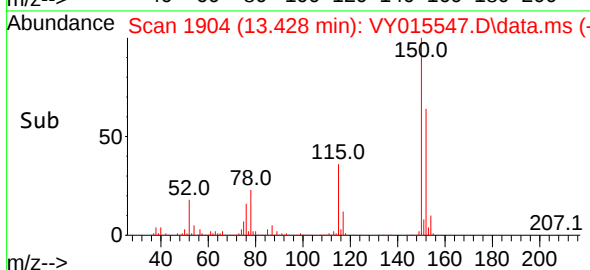
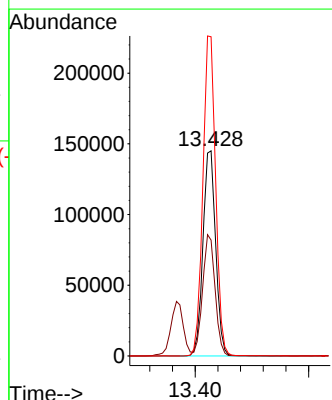
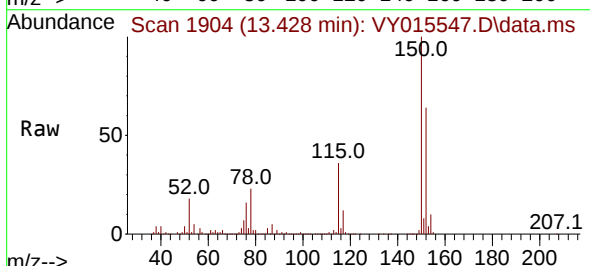
Tgt Ion:152 Resp: 225806

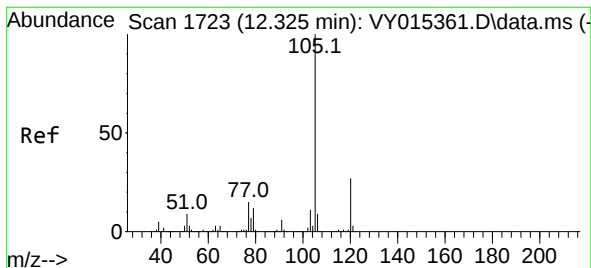
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 155.9 0.0 348.8





#73

Isopropylbenzene

Concen: 43.829 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015547.D

Acq: 14 Sep 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

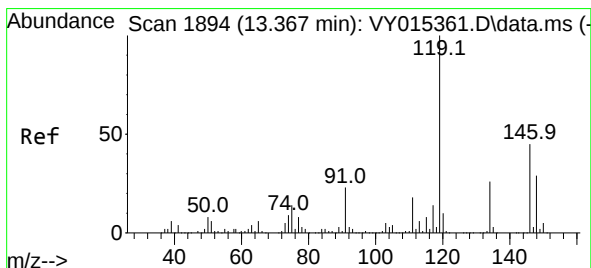
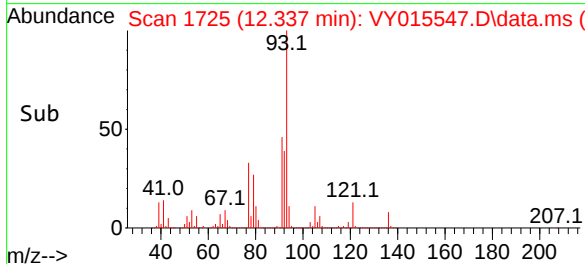
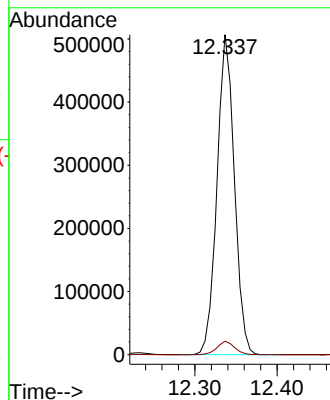
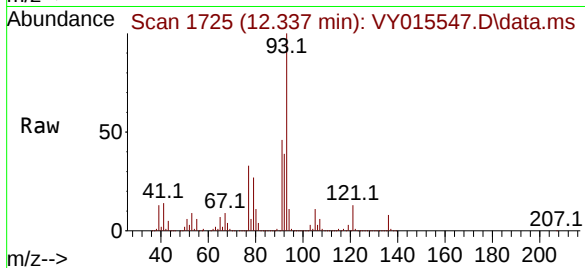
CPT102-01-()

Tgt Ion:105 Resp: 743387

Ion Ratio Lower Upper

105 100

120 4.3 13.3 39.9#



#86

p-Isopropyltoluene

Concen: 48.782 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015547.D

Acq: 14 Sep 2023 20:36

Tgt Ion:119 Resp: 757743

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 26.7 12.4 37.4

