

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015651.D
 Acq On : 20 Sep 2023 12:11
 Operator : SY/MD
 Sample : 04491-05
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-07(17-17.5)

Quant Time: Sep 21 03:39:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

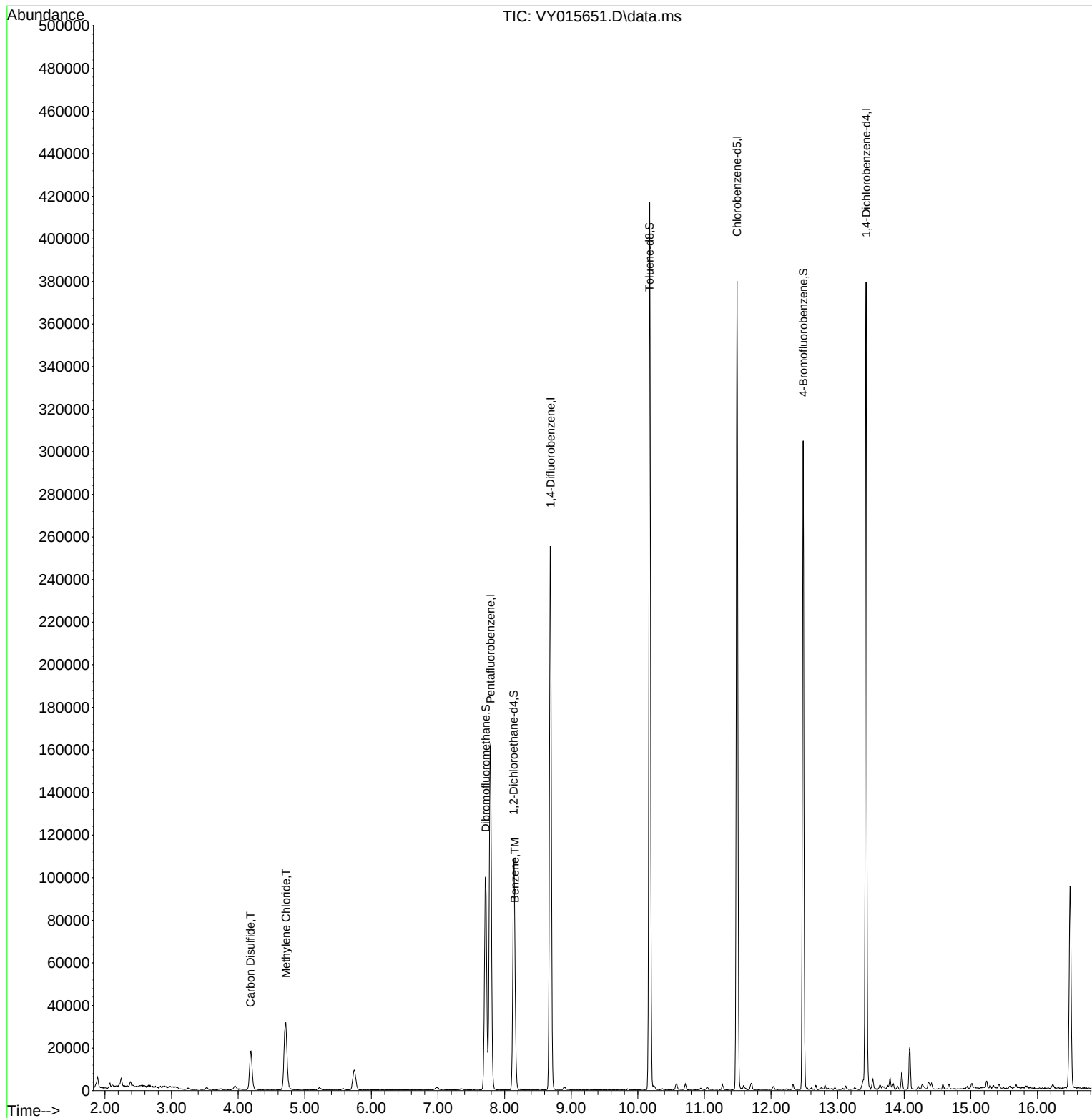
Internal Standards						
1) Pentafluorobenzene	7.789	168	129174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81412	57.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.560%	
35) Dibromofluoromethane	7.716	113	71348	53.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.260%	
50) Toluene-d8	10.179	98	263742	58.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.940%	
62) 4-Bromofluorobenzene	12.483	95	87557	49.459	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.920%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.186	76	37537	17.003	ug/l	99
20) Methylene Chloride	4.716	84	23843	10.489	ug/l	92
40) Benzene	8.155	78	11196	1.866	ug/l	97

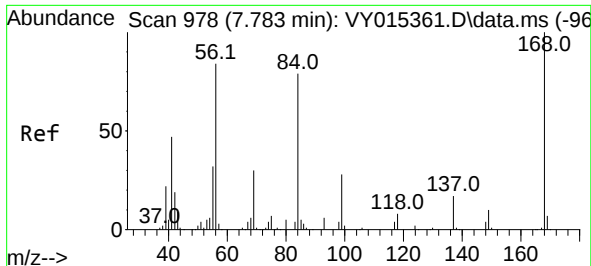
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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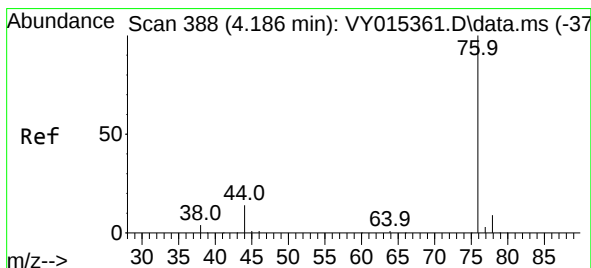
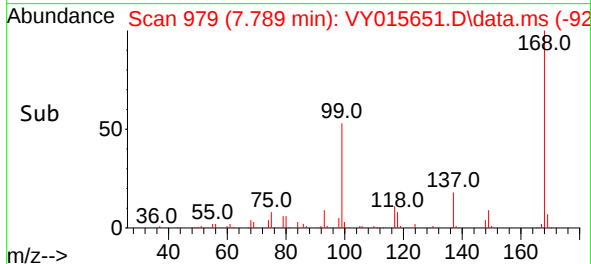
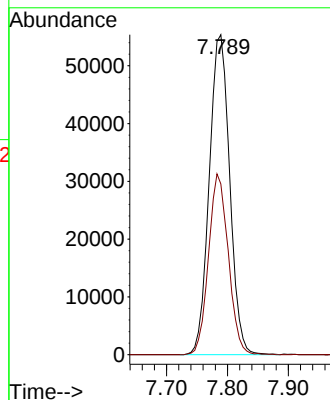
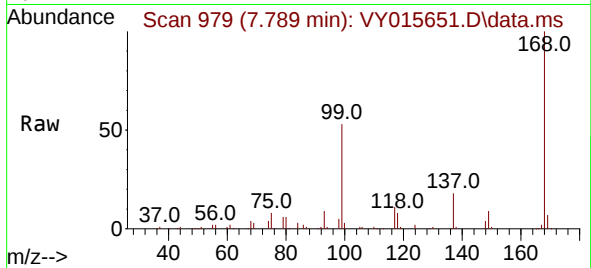




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015651.D
Acq: 20 Sep 2023 12:11

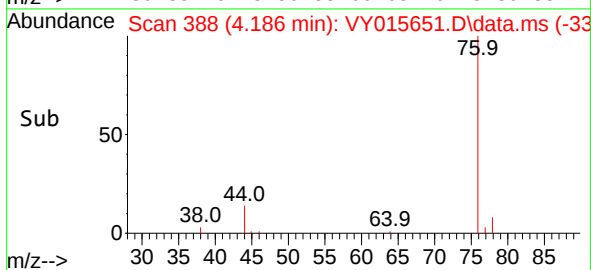
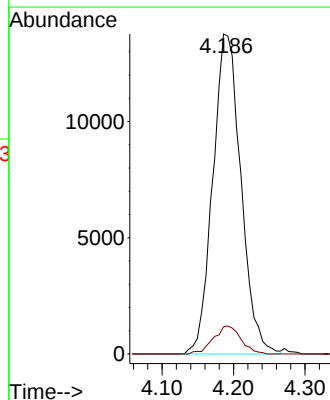
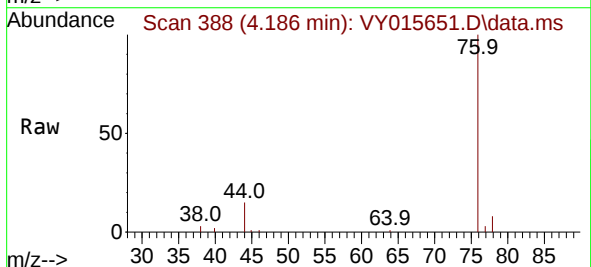
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-07(17-17.5)

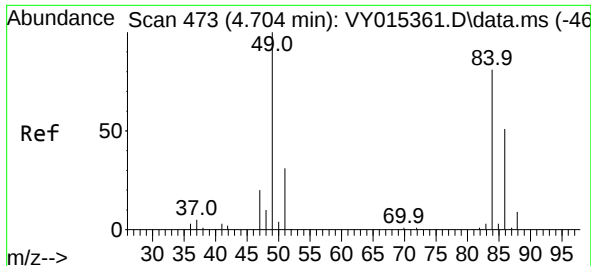
Tgt Ion:168 Resp: 129174
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#17
Carbon Disulfide
Concen: 17.003 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015651.D
Acq: 20 Sep 2023 12:11

Tgt Ion: 76 Resp: 37537
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



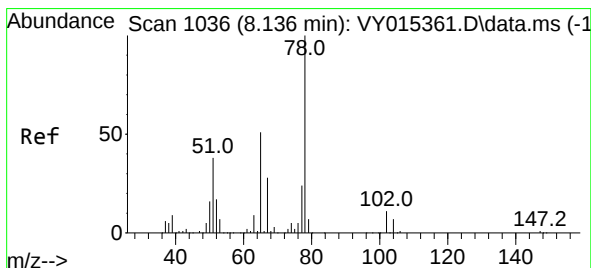
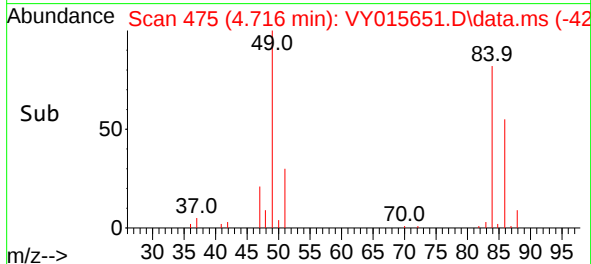
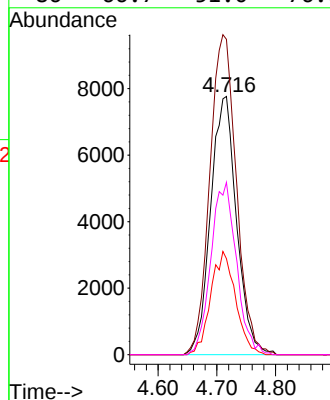
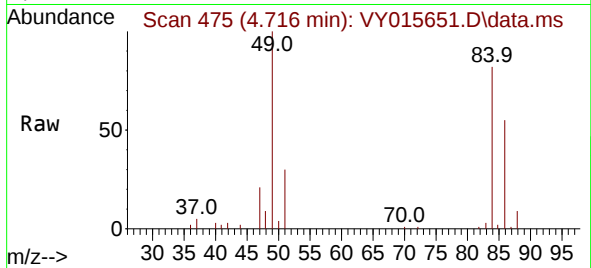


#20
Methylene Chloride
Concen: 10.489 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015651.D
Acq: 20 Sep 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :
CPT102-07(17-17.5)

Tgt Ion: 84 Resp: 23843

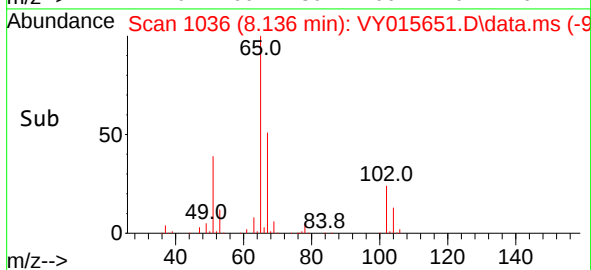
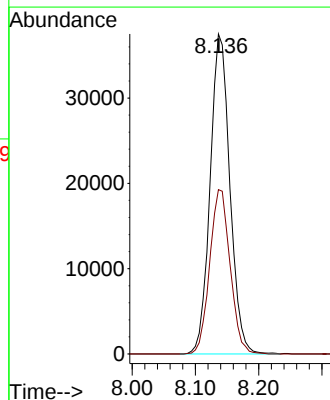
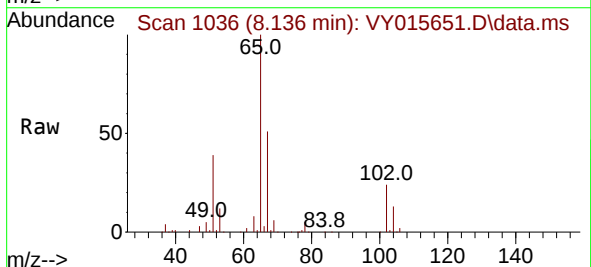
Ion	Ratio	Lower	Upper
84	100		
49	122.1	106.9	160.3
51	37.2	33.2	49.8
86	66.7	51.0	76.6

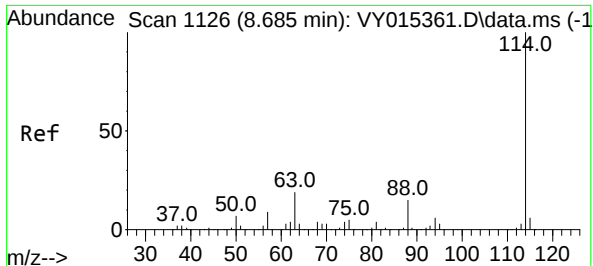


#33
1,2-Dichloroethane-d4
Concen: 57.281 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015651.D
Acq: 20 Sep 2023 12:11

Tgt Ion: 65 Resp: 81412

Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VY015651.D

Acq: 20 Sep 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-07(17-17.5)

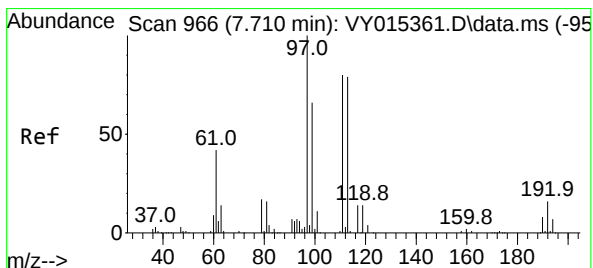
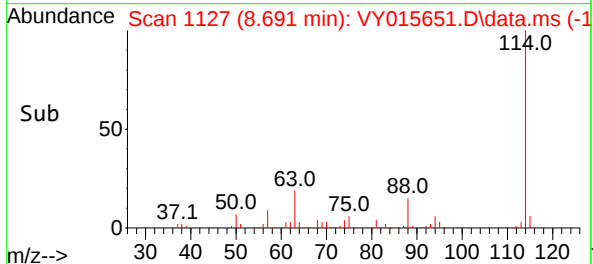
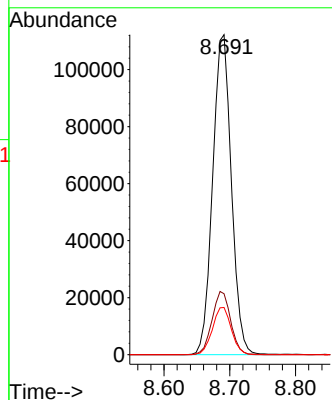
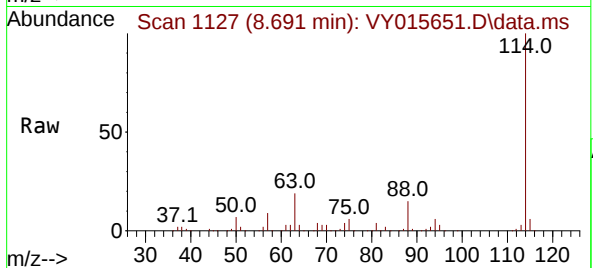
Tgt Ion:114 Resp: 222282

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.628 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015651.D

Acq: 20 Sep 2023 12:11

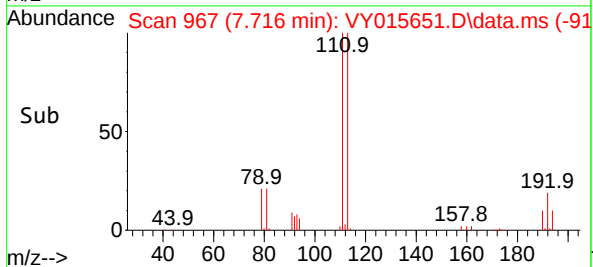
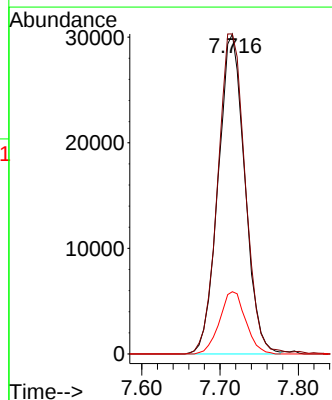
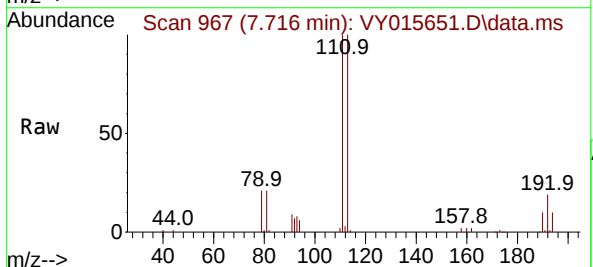
Tgt Ion:113 Resp: 71348

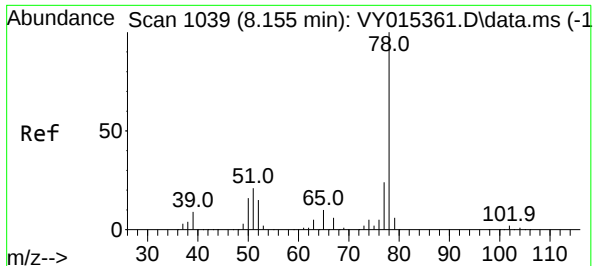
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.1 16.9 25.3





#40

Benzene

Concen: 1.866 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015651.D

Acq: 20 Sep 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

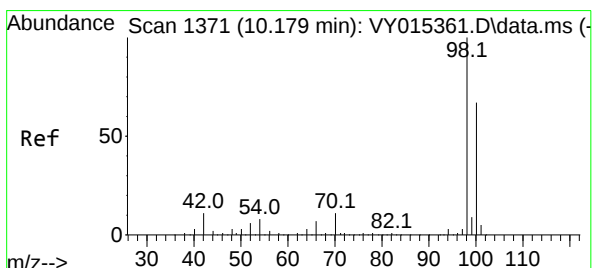
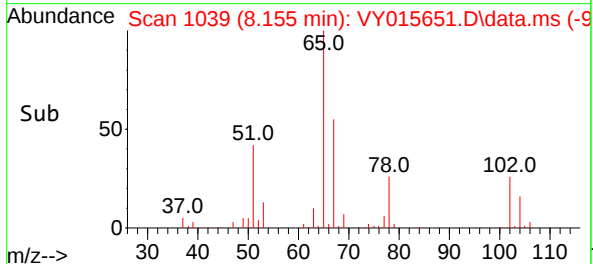
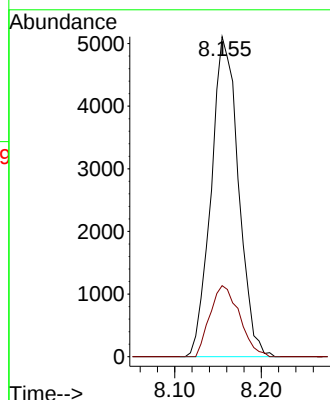
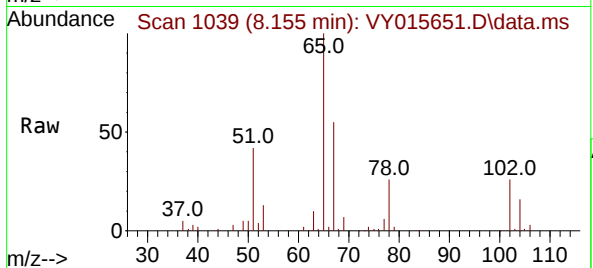
CPT102-07(17-17.5)

Tgt Ion: 78 Resp: 11196

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.6



#50

Toluene-d8

Concen: 58.466 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015651.D

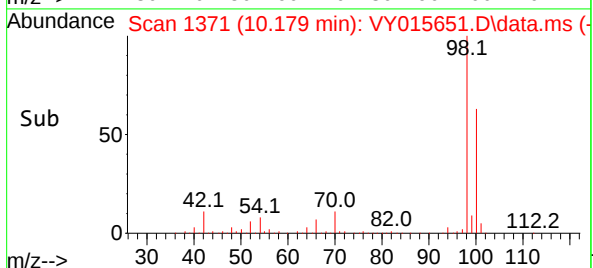
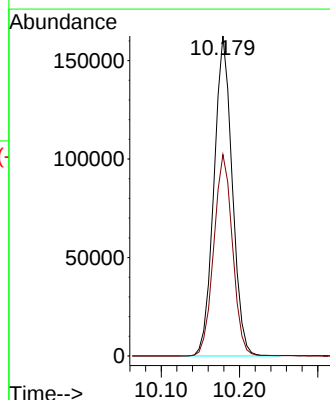
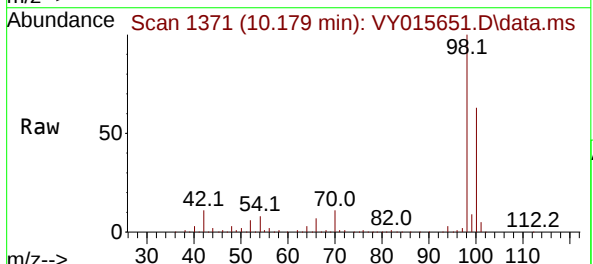
Acq: 20 Sep 2023 12:11

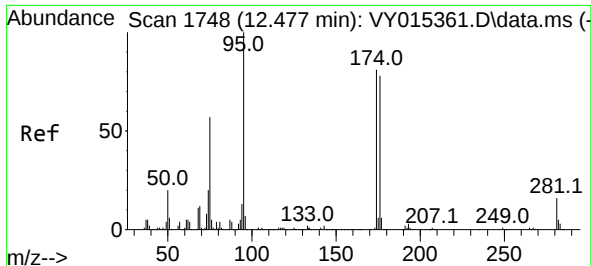
Tgt Ion: 98 Resp: 263742

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 49.459 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015651.D

Acq: 20 Sep 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-07(17-17.5)

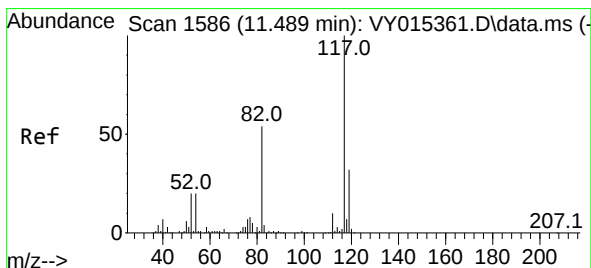
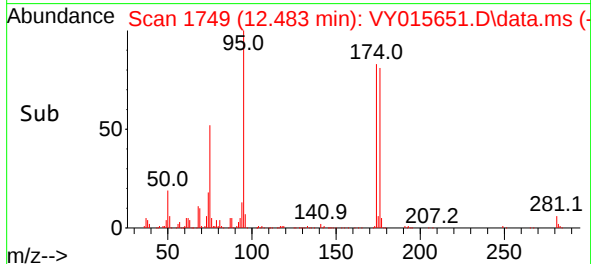
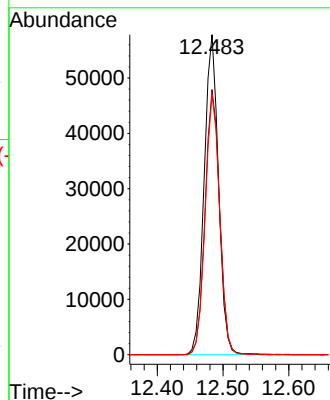
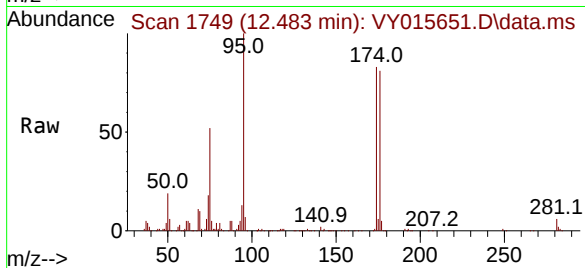
Tgt Ion: 95 Resp: 87557

Ion Ratio Lower Upper

95 100

174 84.4 0.0 178.2

176 82.1 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015651.D

Acq: 20 Sep 2023 12:11

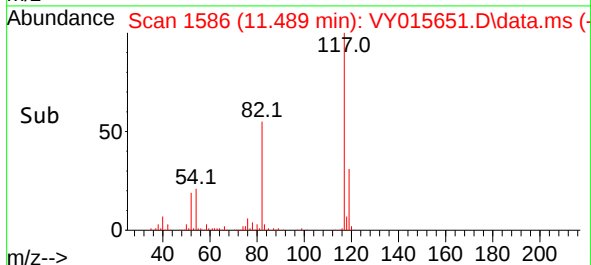
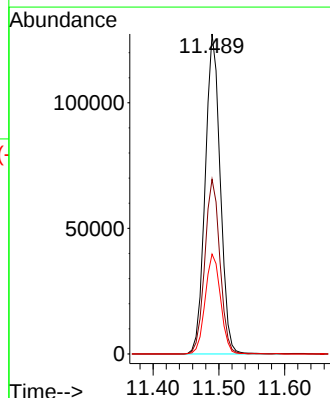
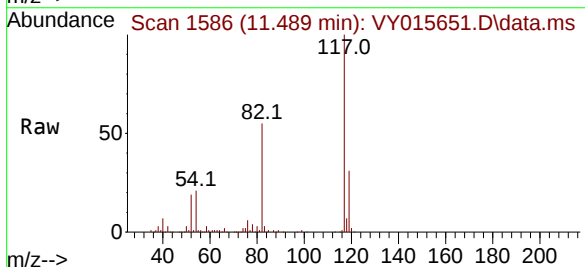
Tgt Ion: 117 Resp: 202838

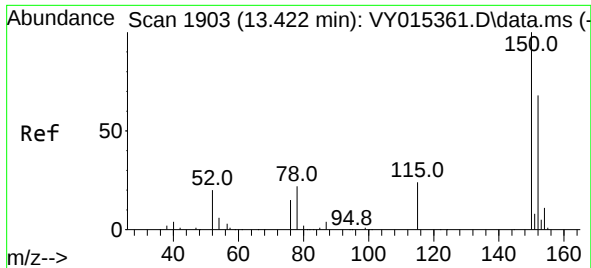
Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

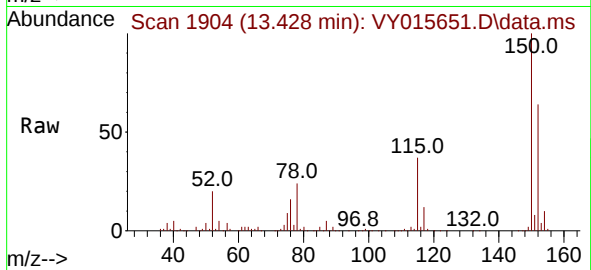
119 31.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015651.D
 Acq: 20 Sep 2023 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-07(17-17.5)



Tgt Ion:152 Resp: 95097
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 155.5 0.0 348.8

