

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015540.D
 Acq On : 14 Sep 2023 17:50
 Operator : SY/MD
 Sample : 04394-01
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT-103-16(10-10.5)

Quant Time: Sep 15 04:03:53 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)

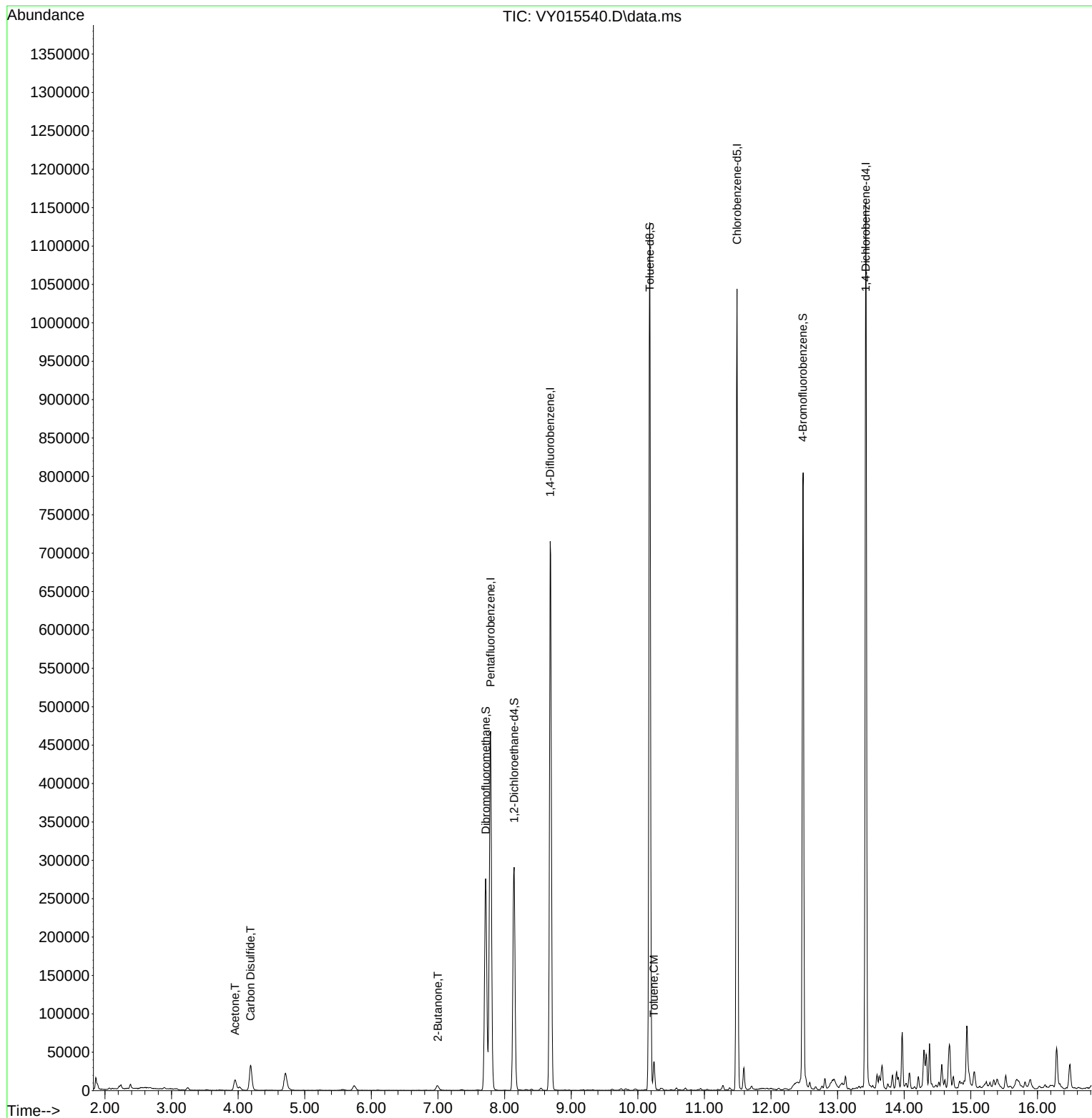
Internal Standards						
1) Pentafluorobenzene	7.789	168	369542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	615333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	547476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	251041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	231384	58.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.820%
35) Dibromofluoromethane	7.716	113	192373	54.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.560%
50) Toluene-d8	10.179	98	713399	55.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.160%
62) 4-Bromofluorobenzene	12.477	95	245734	51.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.140%
Target Compounds					Qvalue	
16) Acetone	3.954	43	26551	16.058	ug/l	98
17) Carbon Disulfide	4.186	76	66914	6.093	ug/l	98
25) 2-Butanone	6.996	43	8251	3.518	ug/l	99
52) Toluene	10.240	92	15427	1.386	ug/l	92

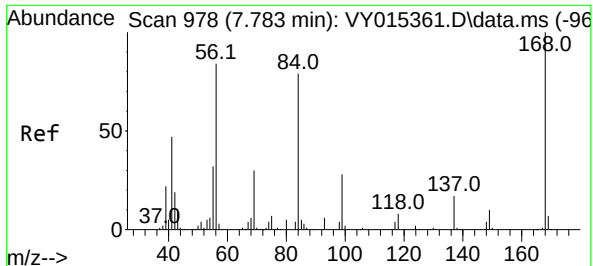
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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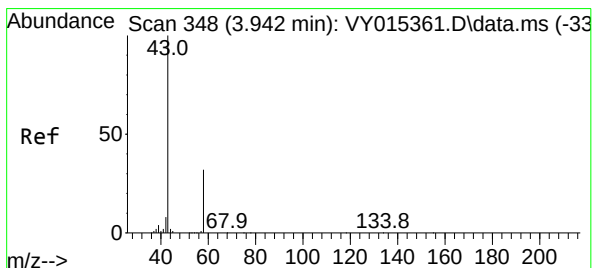
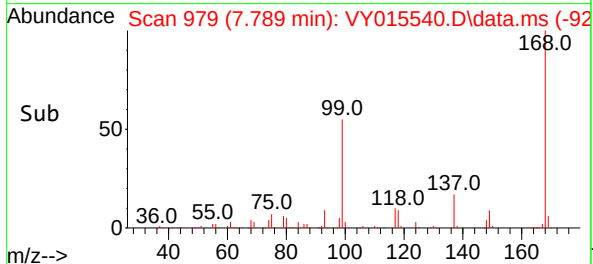
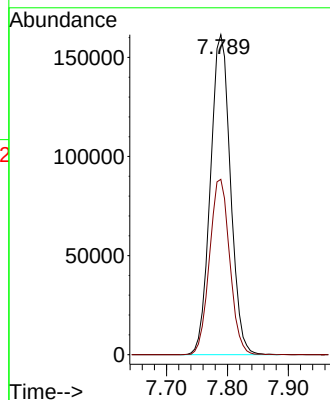
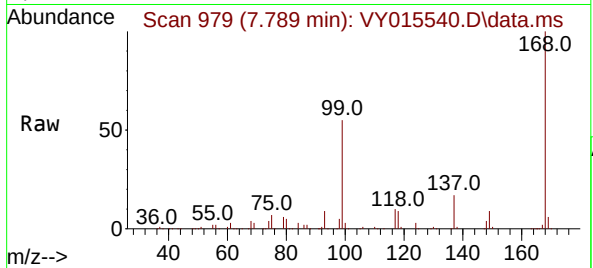




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

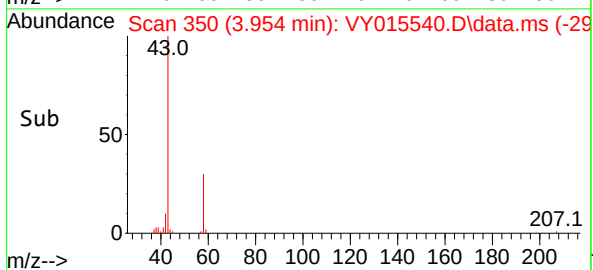
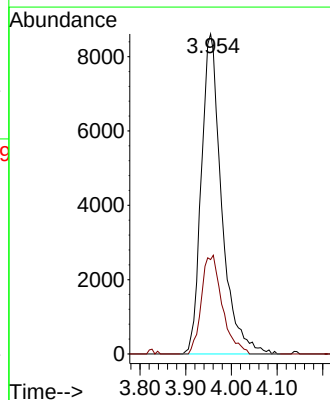
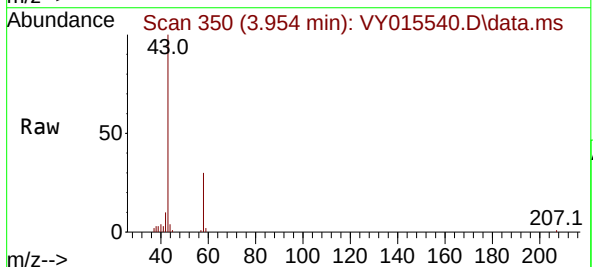
Instrument :
MSVOA_Y
ClientSampleId :
CPT-103-16(10-10.5)

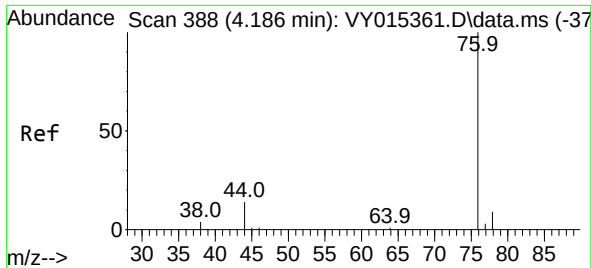
Tgt Ion:168 Resp: 369542
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 16.058 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 43 Resp: 26551
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1

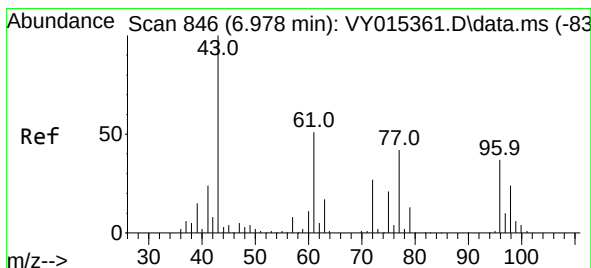
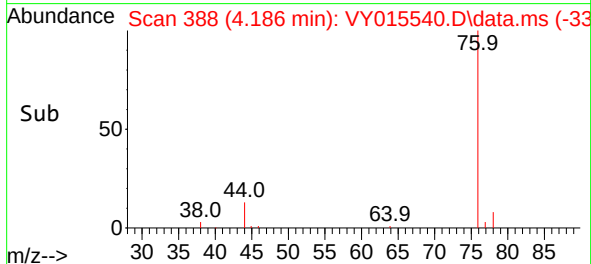
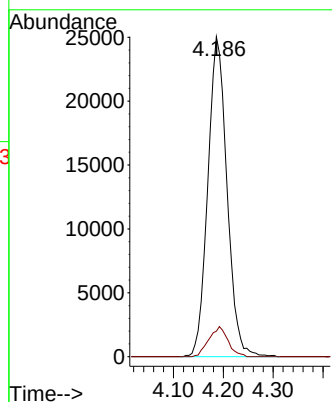
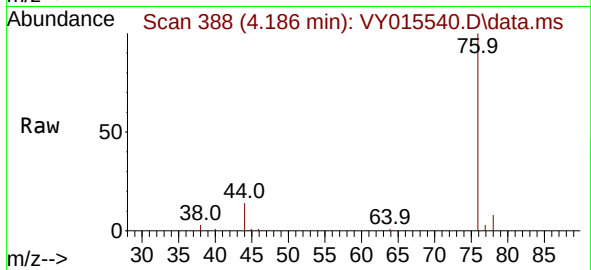




#17
Carbon Disulfide
Concen: 6.093 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

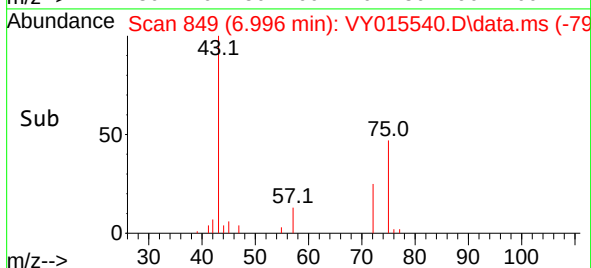
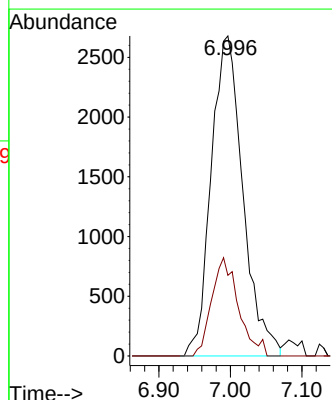
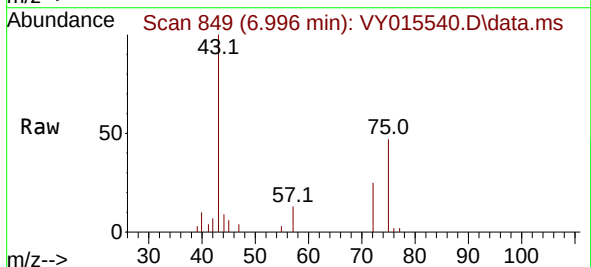
Instrument :
MSVOA_Y
ClientSampleId :
CPT-103-16(10-10.5)

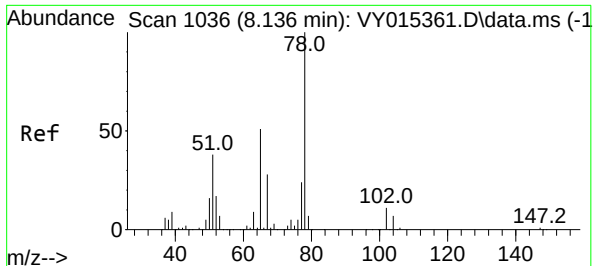
Tgt Ion: 76 Resp: 66914
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#25
2-Butanone
Concen: 3.518 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 43 Resp: 8251
Ion Ratio Lower Upper
43 100
72 25.2 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 58.409 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015540.D

Acq: 14 Sep 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

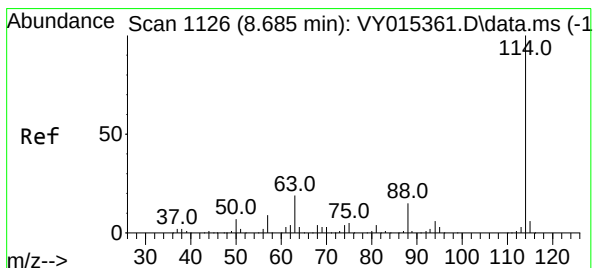
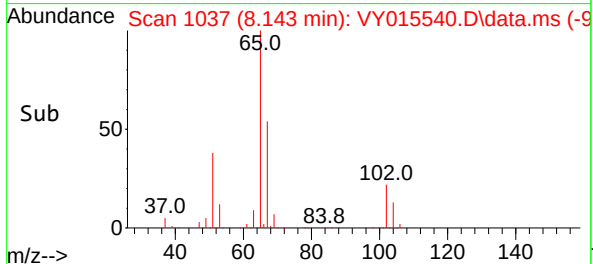
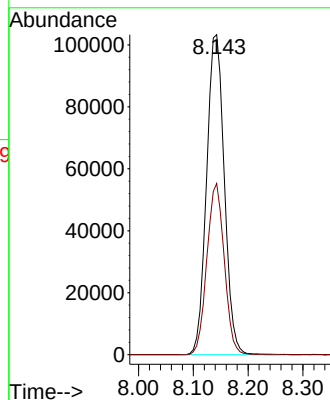
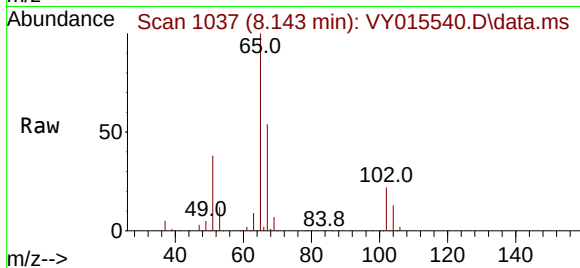
CPT-103-16(10-10.5)

Tgt Ion: 65 Resp: 231384

Ion Ratio Lower Upper

65 100

67 52.3 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: VY015540.D

Acq: 14 Sep 2023 17:50

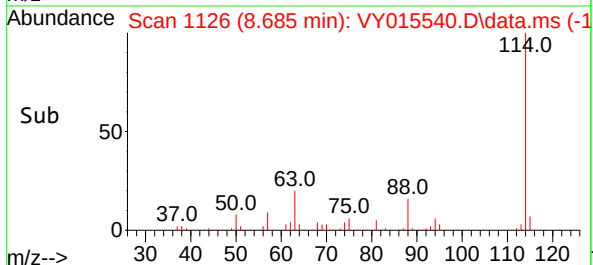
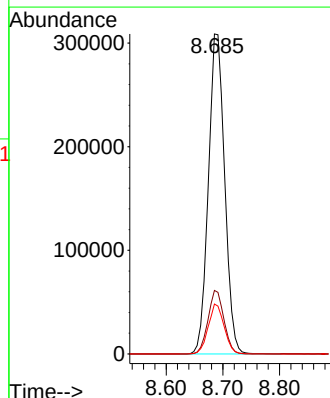
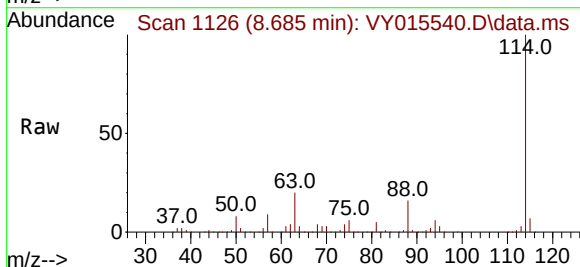
Tgt Ion: 114 Resp: 615333

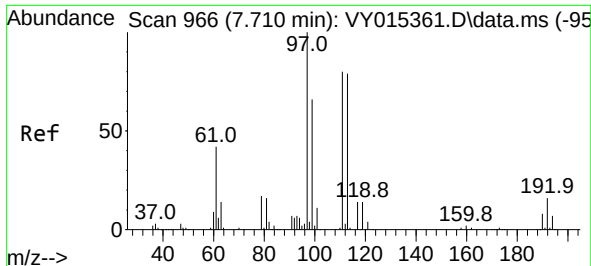
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.278 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY015540.D

Acq: 14 Sep 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

CPT-103-16(10-10.5)

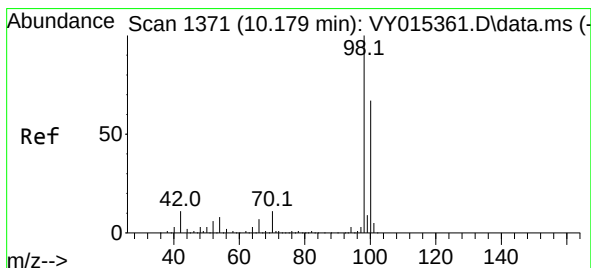
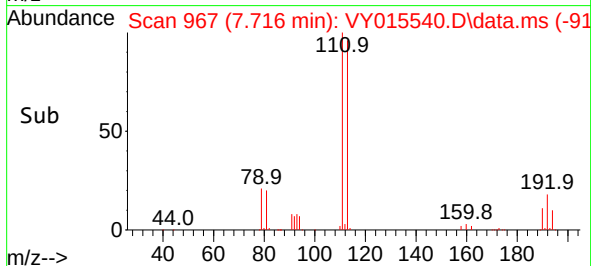
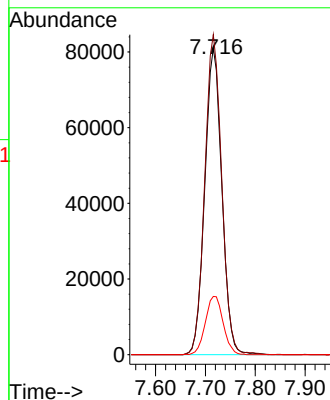
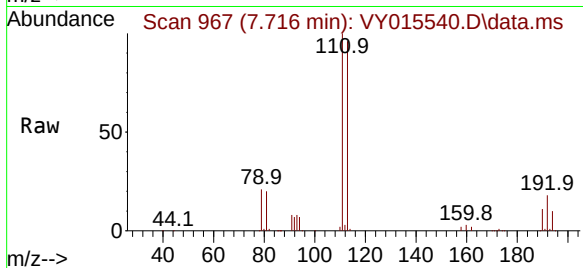
Tgt Ion:113 Resp: 192373

Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

192 19.9 16.9 25.3



#50

Toluene-d8

Concen: 55.583 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015540.D

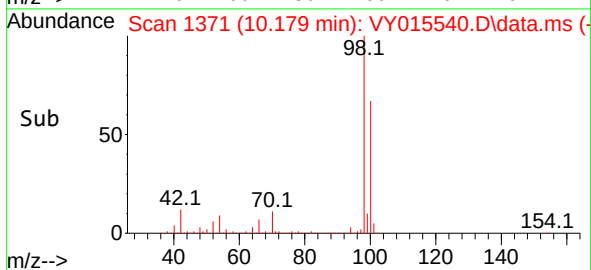
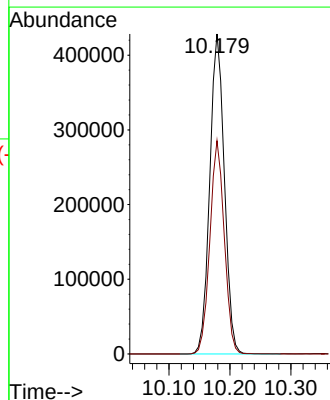
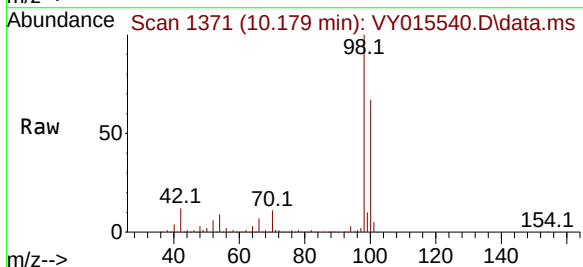
Acq: 14 Sep 2023 17:50

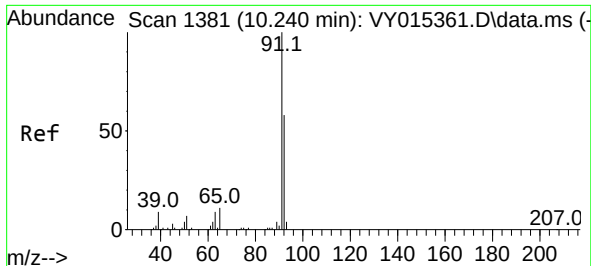
Tgt Ion: 98 Resp: 713399

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

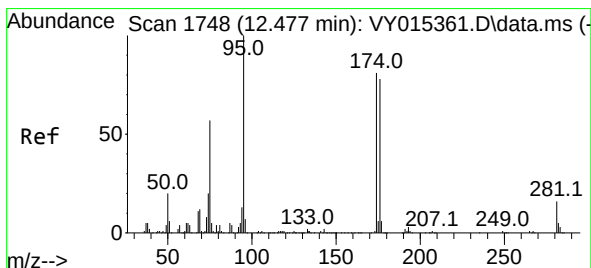
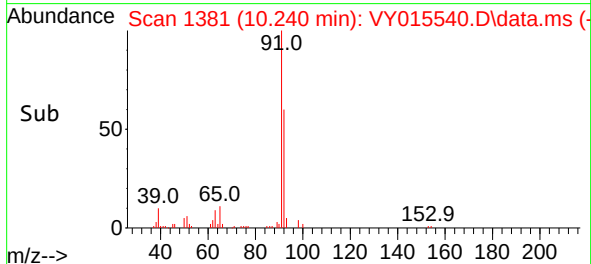
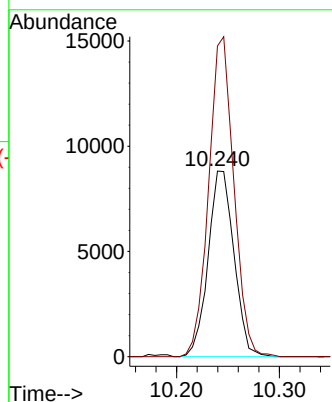
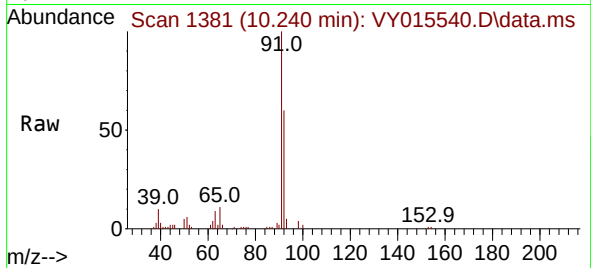




#52
Toluene
Concen: 1.386 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

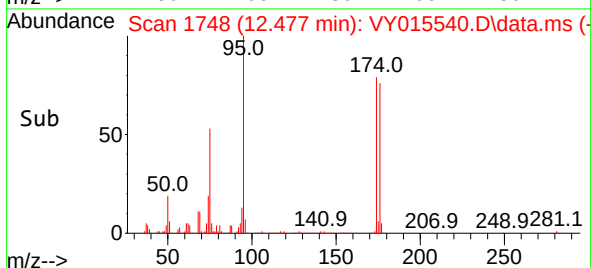
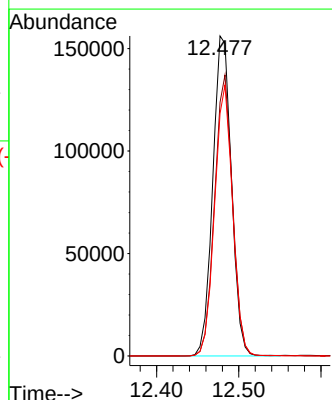
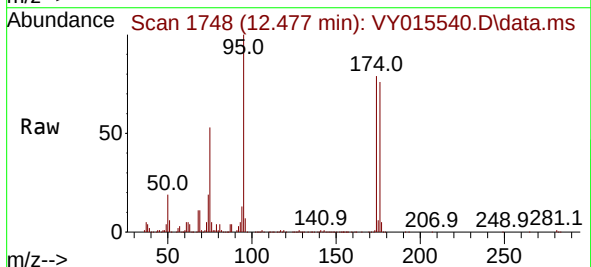
Instrument :
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CPT-103-16(10-10.5)

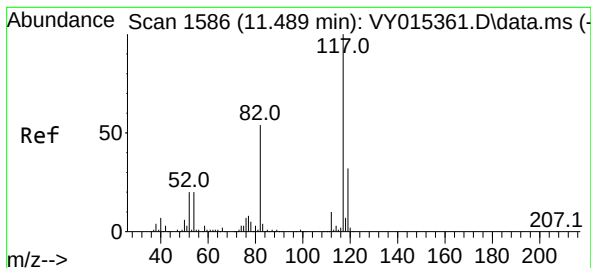
Tgt Ion: 92 Resp: 15427
Ion Ratio Lower Upper
92 100
91 167.7 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 51.573 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 95 Resp: 245734
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.0 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: VY015540.D

Acq: 14 Sep 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

CPT-103-16(10-10.5)

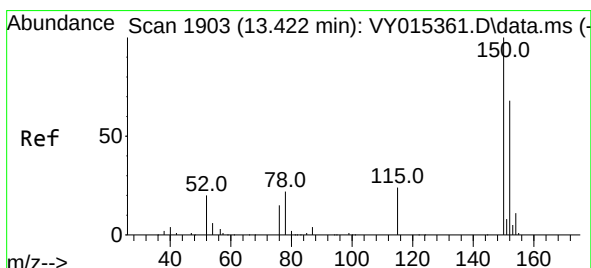
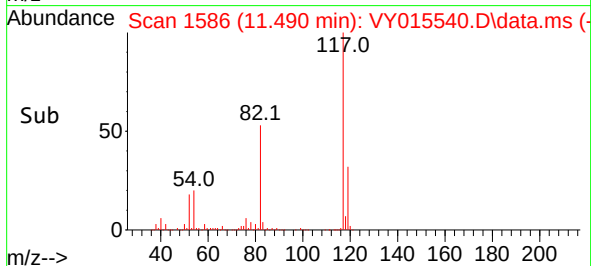
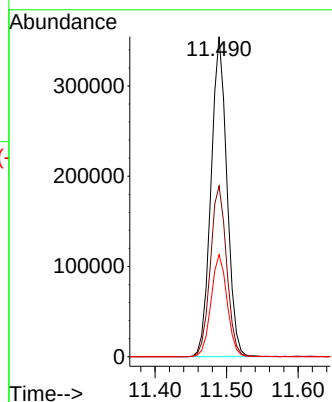
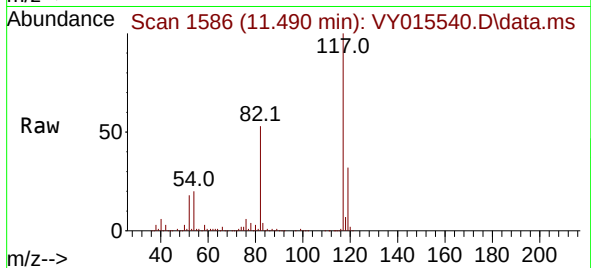
Tgt Ion:117 Resp: 547476

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.9 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: VY015540.D

Acq: 14 Sep 2023 17:50

Tgt Ion:152 Resp: 251041

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.6 0.0 348.8

