

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015542.D
 Acq On : 14 Sep 2023 18:38
 Operator : SY/MD
 Sample : 04394-07
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-18(8.5-9)

Quant Time: Sep 15 04:04:36 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)

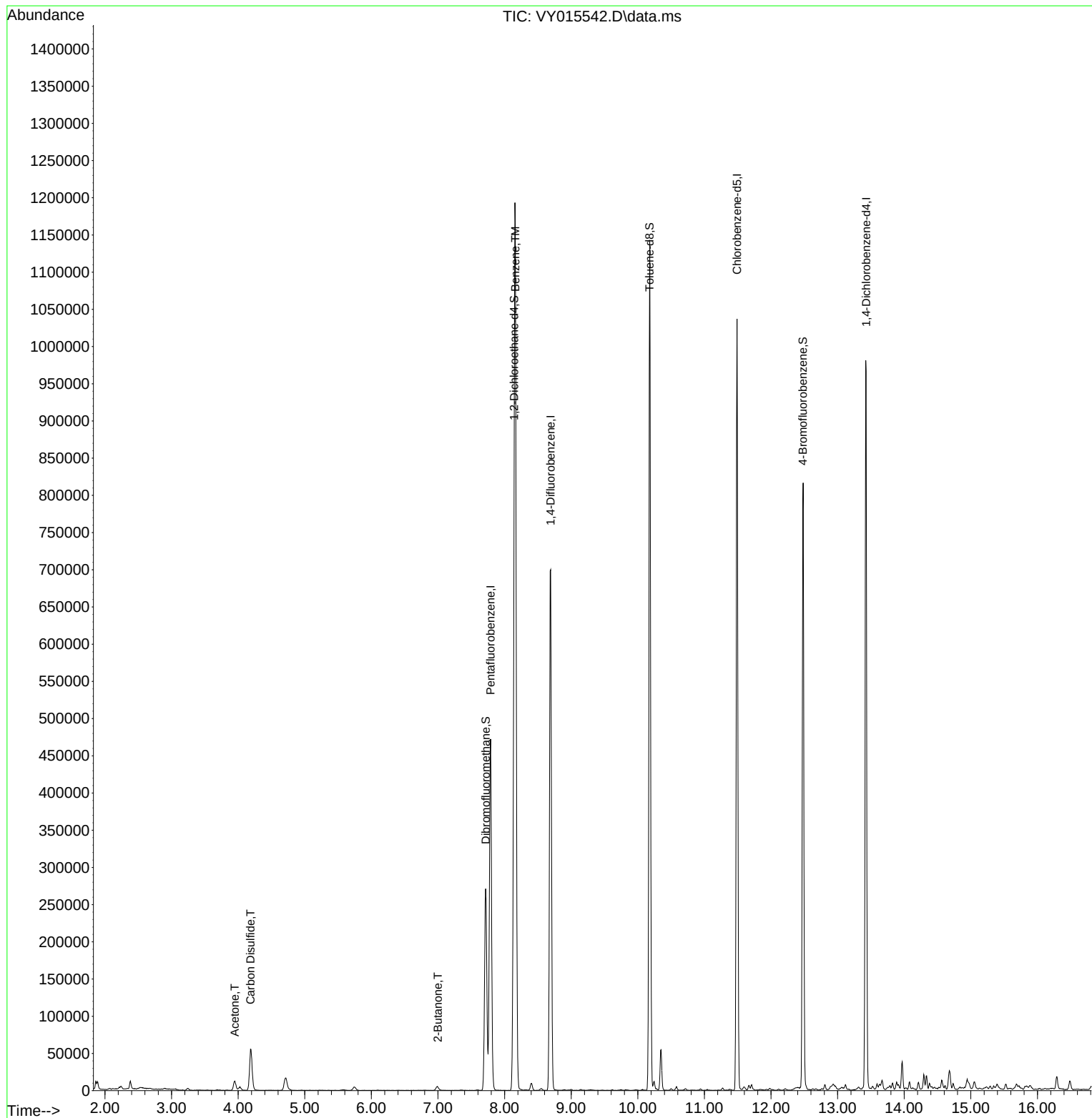
Internal Standards						
1) Pentafluorobenzene	7.789	168	367259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	624626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	557868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	252015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	235059	59.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.420%	
35) Dibromofluoromethane	7.716	113	191478	53.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.440%	
50) Toluene-d8	10.179	98	724335	55.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.200%	
62) 4-Bromofluorobenzene	12.477	95	246274	50.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.840%	
Target Compounds						
16) Acetone	3.948	43	21980	13.376	ug/l	96
17) Carbon Disulfide	4.186	76	114324	10.475	ug/l	100
25) 2-Butanone	6.996	43	7448	3.196	ug/l	97
40) Benzene	8.161	78	1074398	60.959	ug/l	99

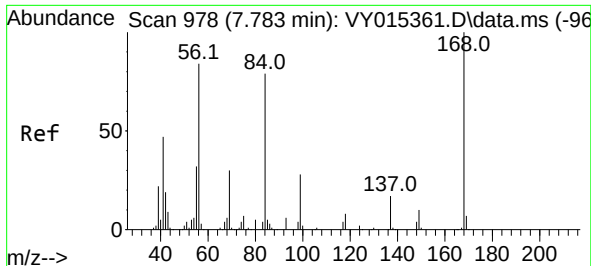
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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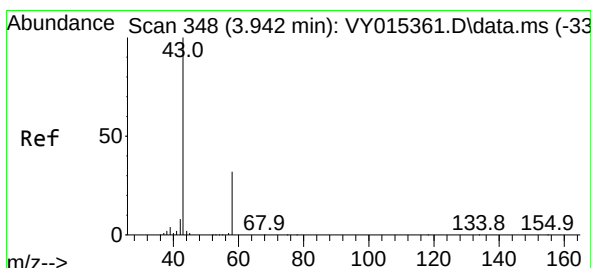
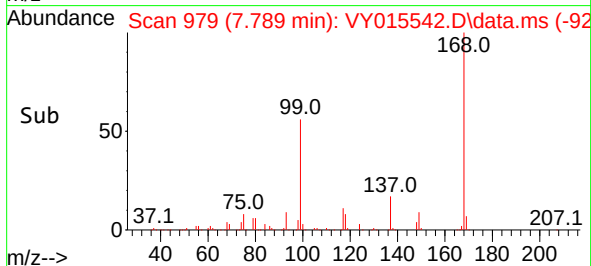
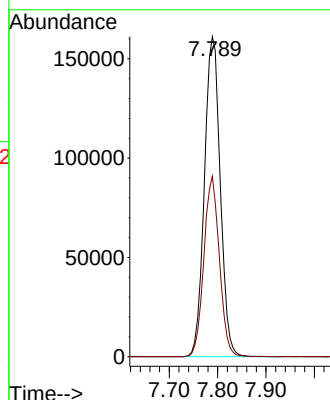
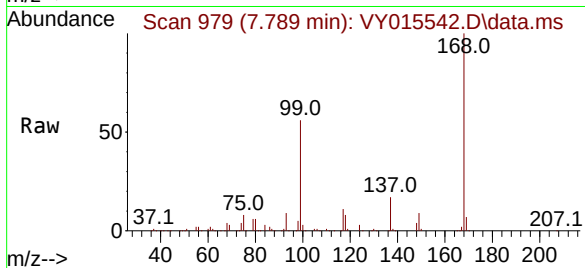




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

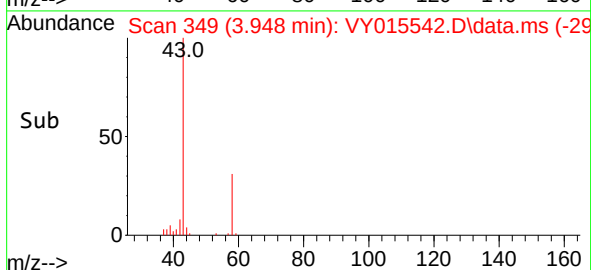
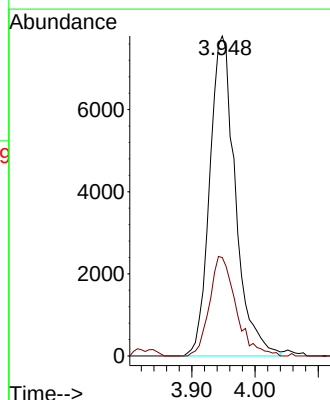
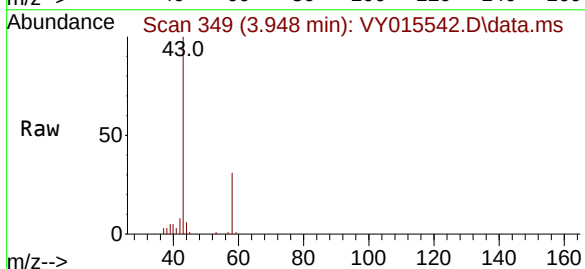
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-18(8.5-9)

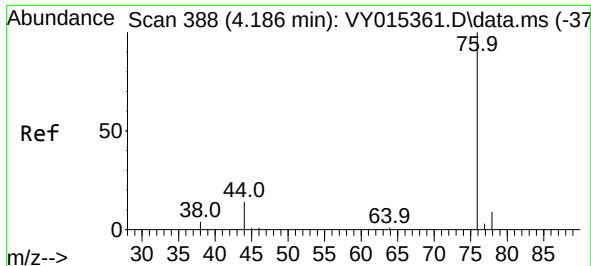
Tgt Ion:168 Resp: 367259
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#16
Acetone
Concen: 13.376 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

Tgt Ion: 43 Resp: 21980
Ion Ratio Lower Upper
43 100
58 30.7 22.7 34.1

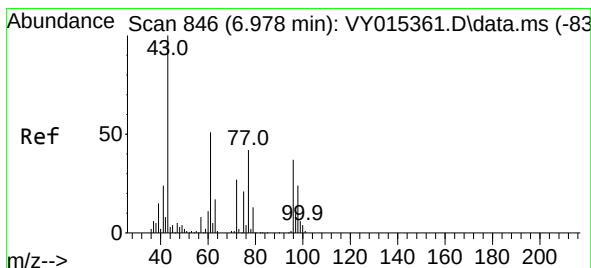
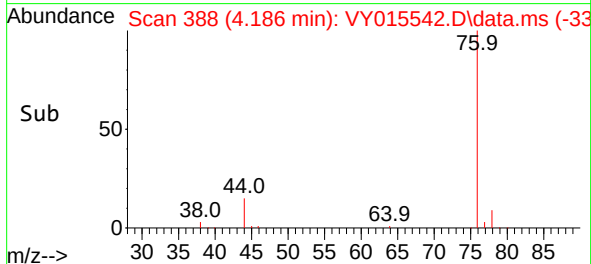
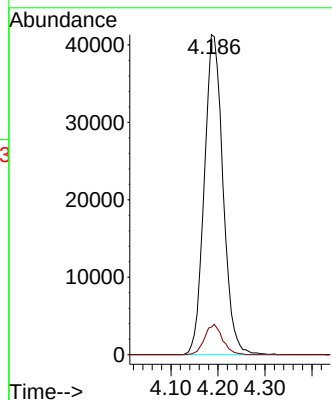
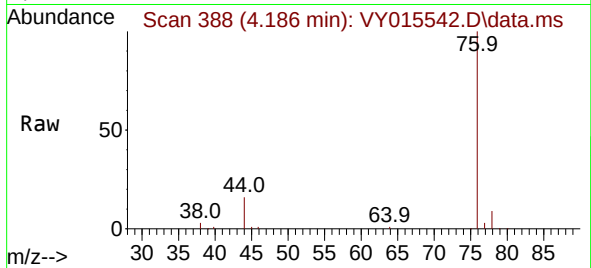




#17
Carbon Disulfide
Concen: 10.475 ug/l
RT: 4.186 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

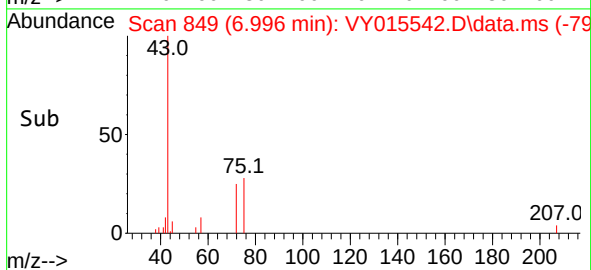
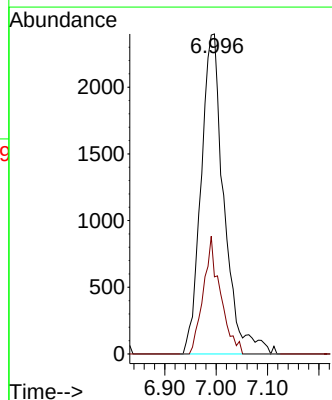
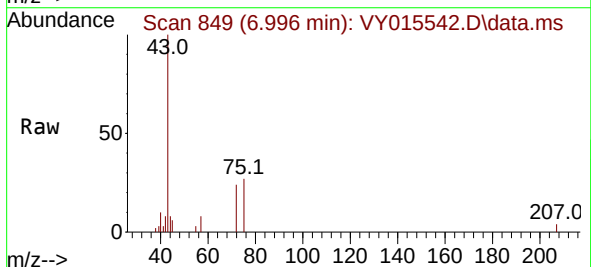
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-18(8.5-9)

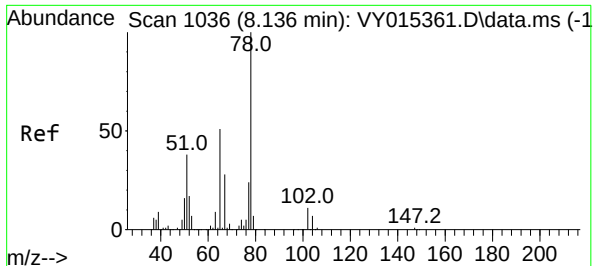
Tgt Ion: 76 Resp: 114324
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#25
2-Butanone
Concen: 3.196 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

Tgt Ion: 43 Resp: 7448
Ion Ratio Lower Upper
43 100
72 24.1 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 59.706 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015542.D

Acq: 14 Sep 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

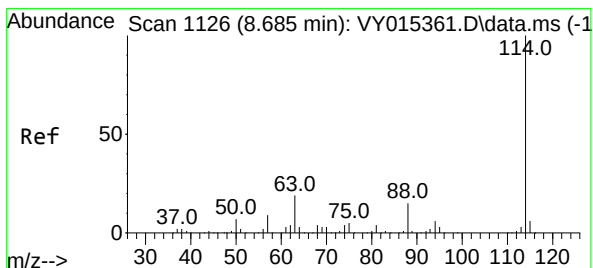
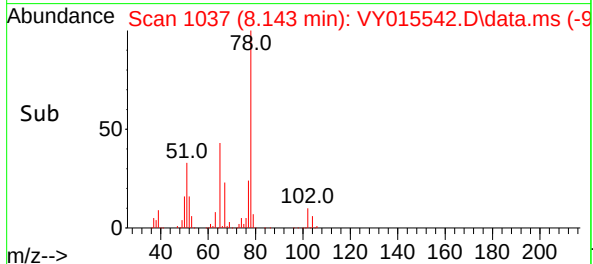
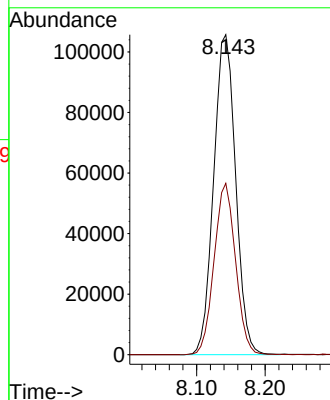
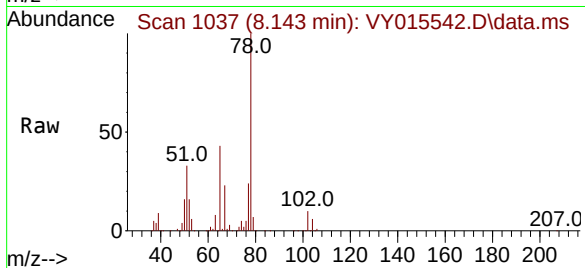
CPT103-18(8.5-9)

Tgt Ion: 65 Resp: 235059

Ion Ratio Lower Upper

65 100

67 52.2 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: VY015542.D

Acq: 14 Sep 2023 18:38

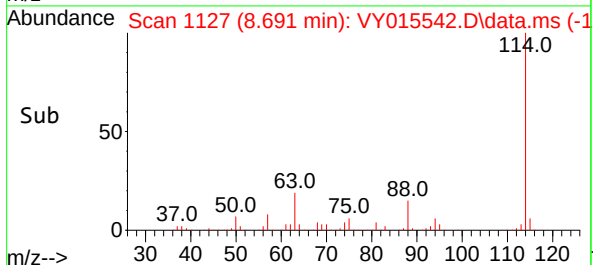
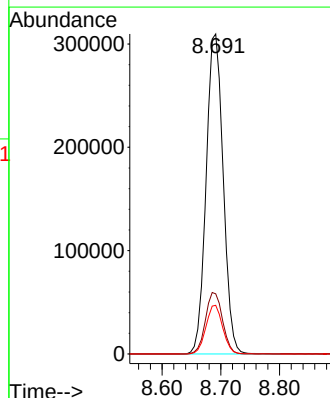
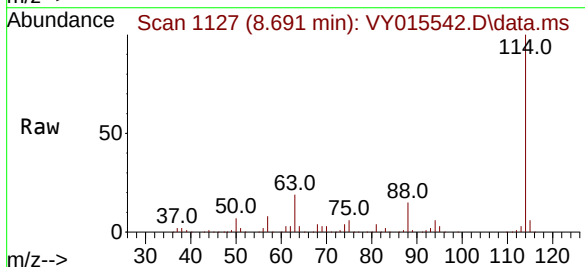
Tgt Ion: 114 Resp: 624626

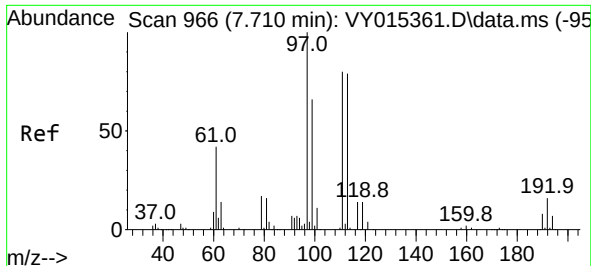
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.222 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY015542.D

Acq: 14 Sep 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-18(8.5-9)

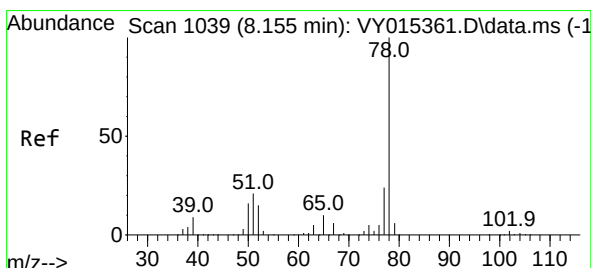
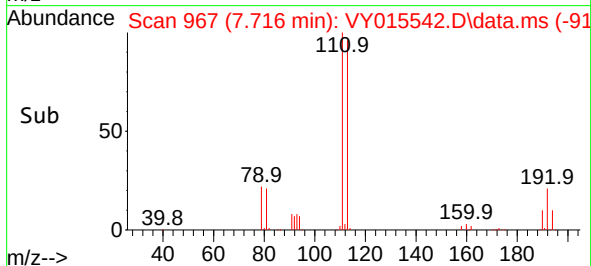
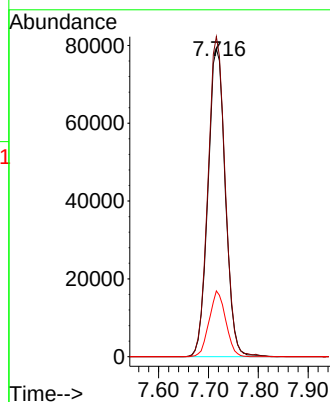
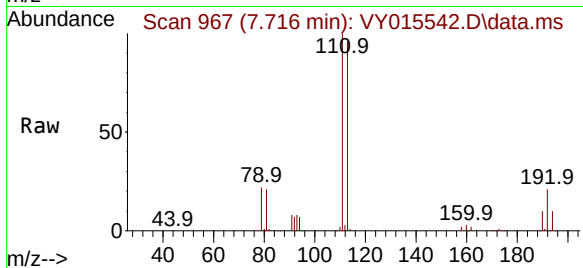
Tgt Ion:113 Resp: 191478

Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 20.3 16.9 25.3



#40

Benzene

Concen: 60.959 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015542.D

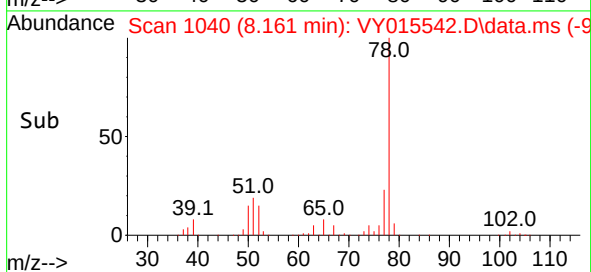
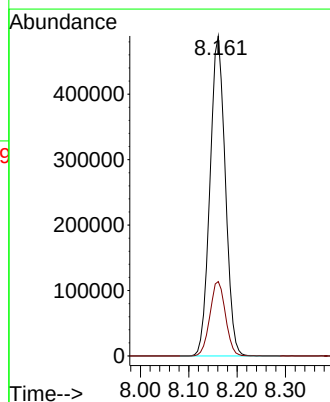
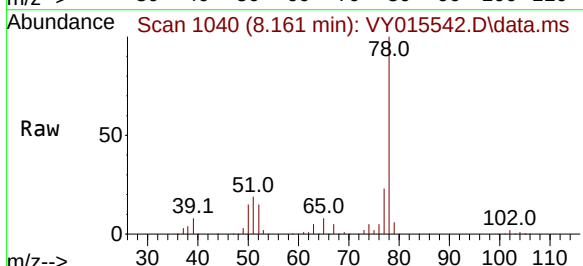
Acq: 14 Sep 2023 18:38

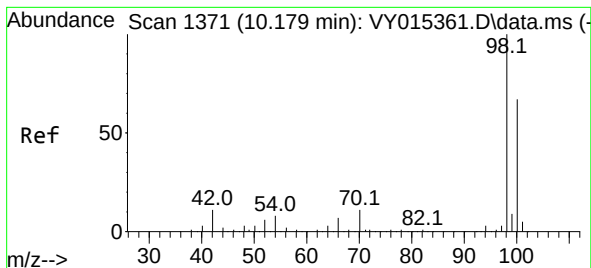
Tgt Ion: 78 Resp: 1074398

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6





#50

Toluene-d8

Concen: 55.596 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015542.D

Acq: 14 Sep 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

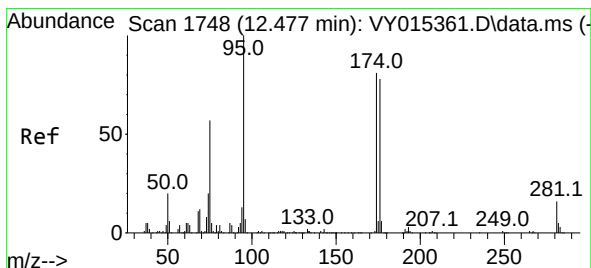
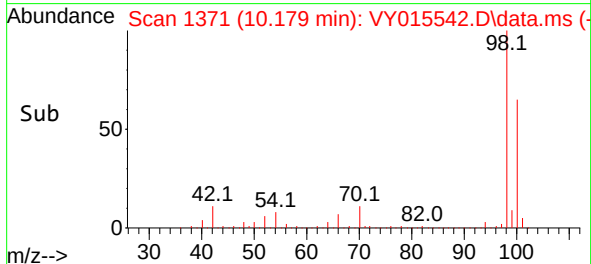
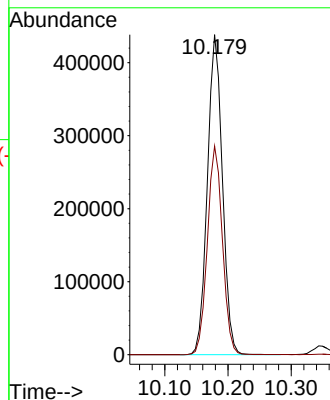
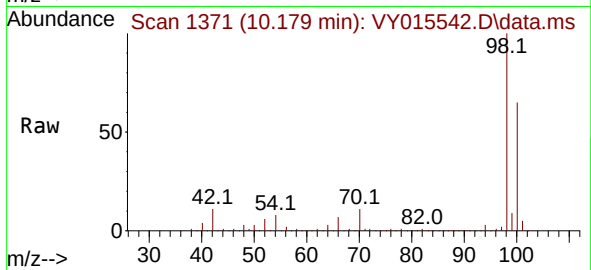
CPT103-18(8.5-9)

Tgt Ion: 98 Resp: 724335

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.918 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015542.D

Acq: 14 Sep 2023 18:38

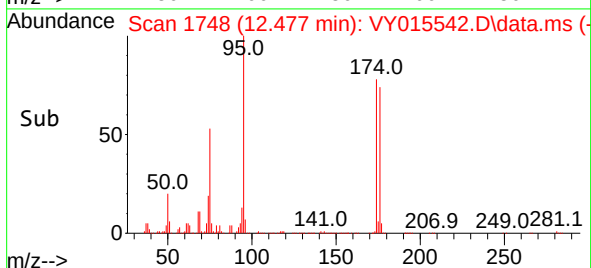
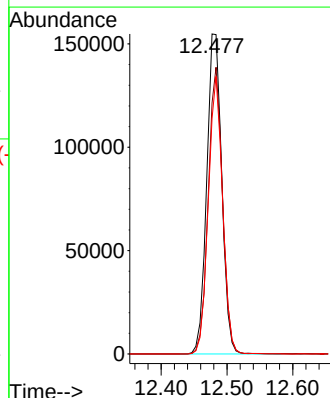
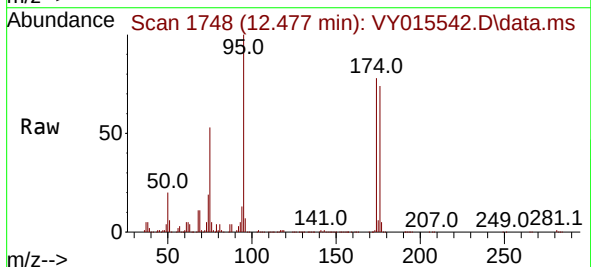
Tgt Ion: 95 Resp: 246274

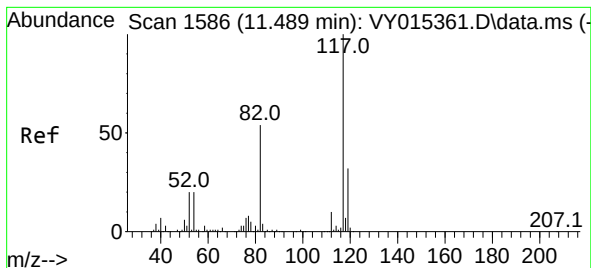
Ion Ratio Lower Upper

95 100

174 85.2 0.0 178.2

176 82.3 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: VY015542.D

Acq: 14 Sep 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-18(8.5-9)

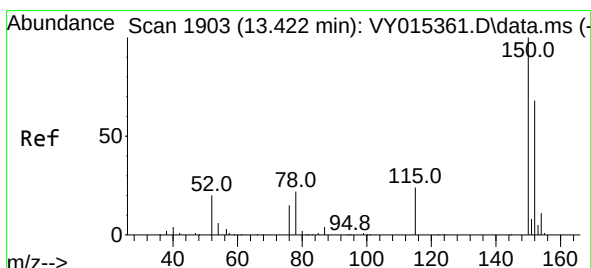
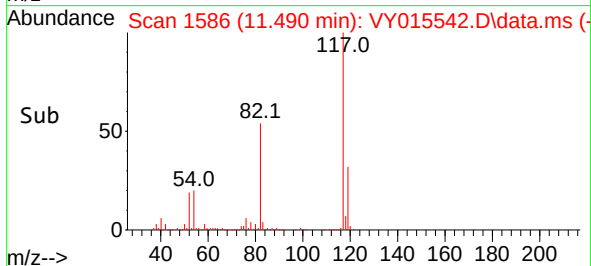
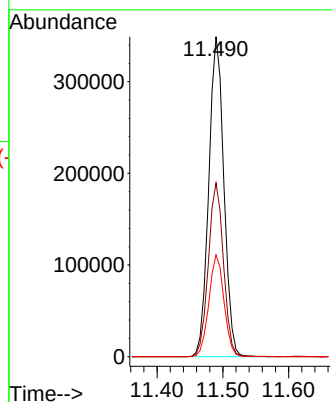
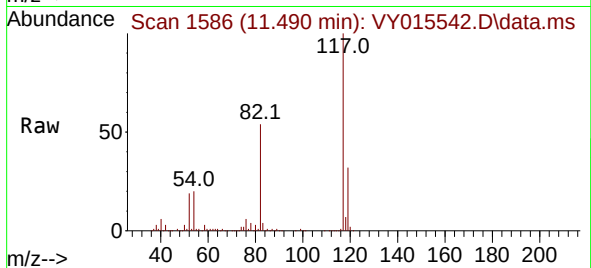
Tgt Ion:117 Resp: 557868

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 31.8 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: VY015542.D

Acq: 14 Sep 2023 18:38

Tgt Ion:152 Resp: 252015

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 158.5 0.0 348.8

