

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015543.D
 Acq On : 14 Sep 2023 19:01
 Operator : SY/MD
 Sample : 04394-05
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-14(4.5-5)

Quant Time: Sep 15 04:04:56 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)

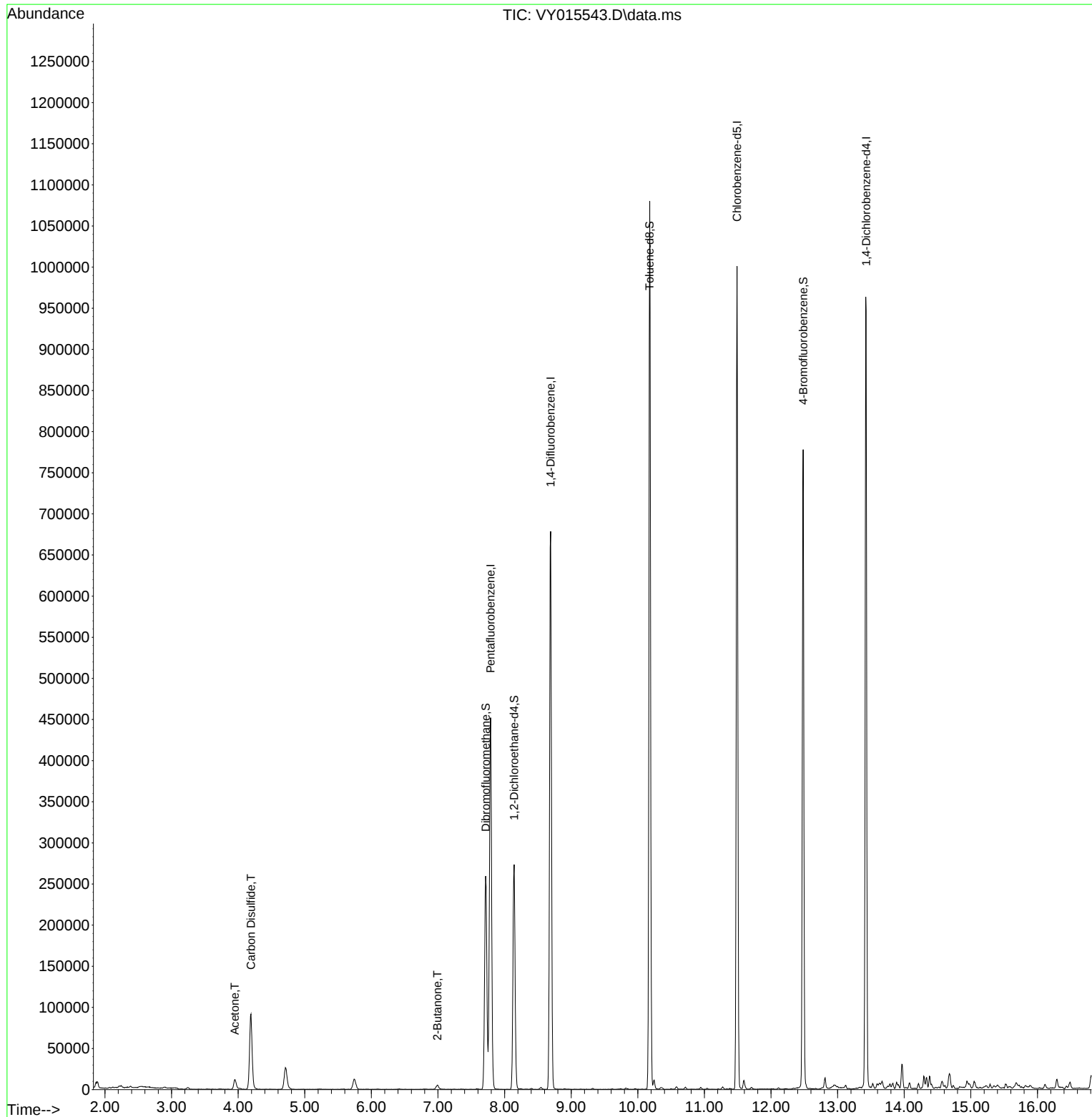
Internal Standards						
1) Pentafluorobenzene	7.789	168	356145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	592465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	528223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	215119	56.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.700%
35) Dibromofluoromethane	7.716	113	183834	53.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.179	98	692545	56.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.483	95	232352	50.647	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.300%
Target Compounds						
16) Acetone	3.948	43	21502	13.493	ug/l	99
17) Carbon Disulfide	4.192	76	185113	17.490	ug/l	99
25) 2-Butanone	6.990	43	6430	2.845	ug/l #	87

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

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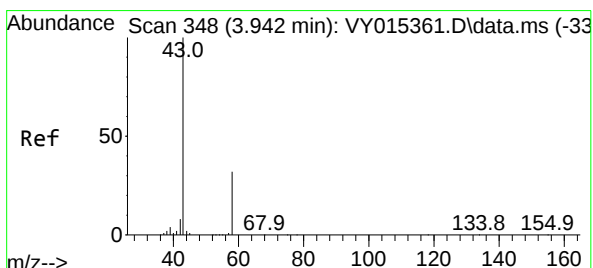
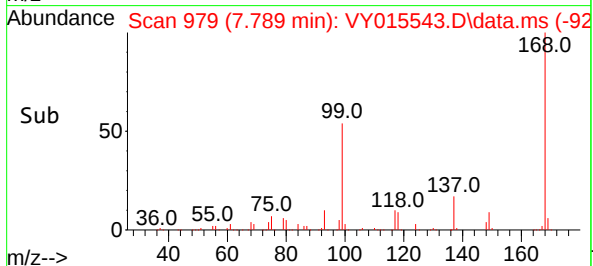
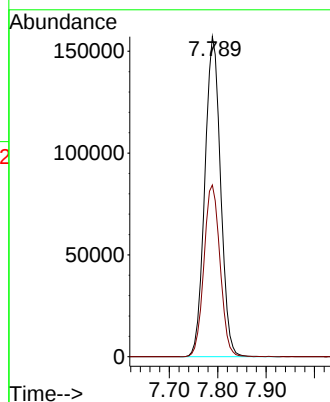
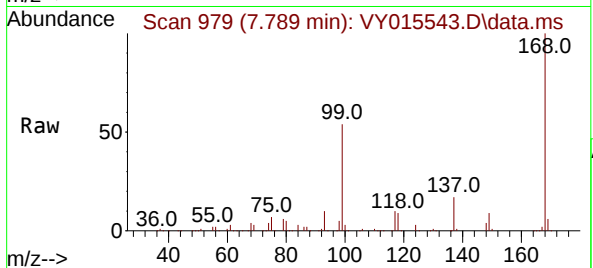




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

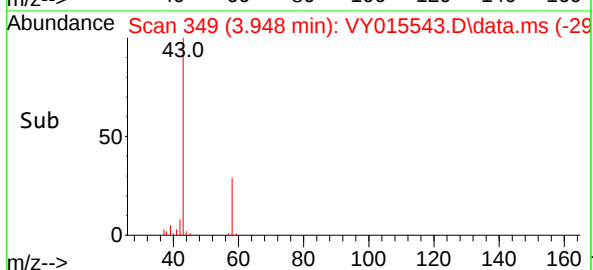
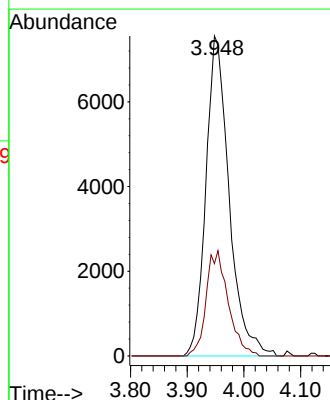
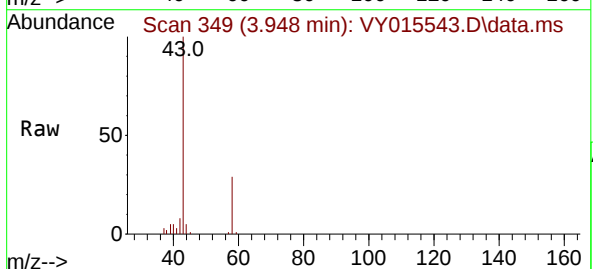
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-14(4.5-5)

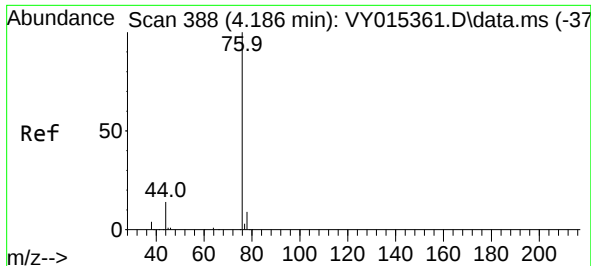
Tgt Ion:168 Resp: 356145
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 13.493 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

Tgt Ion: 43 Resp: 21502
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1





#17

Carbon Disulfide

Concen: 17.490 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

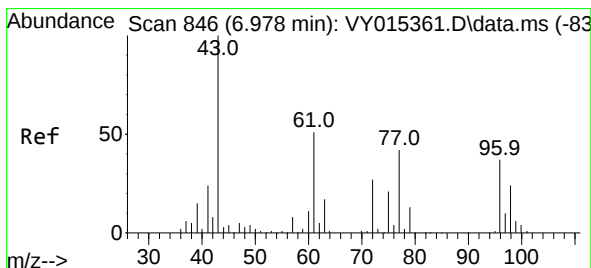
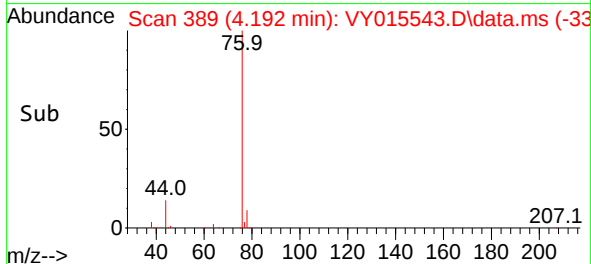
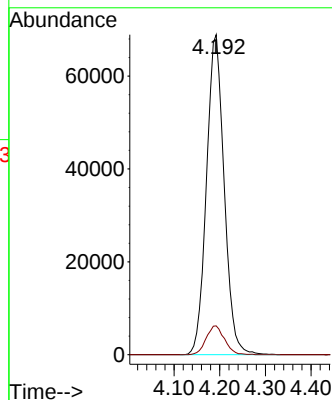
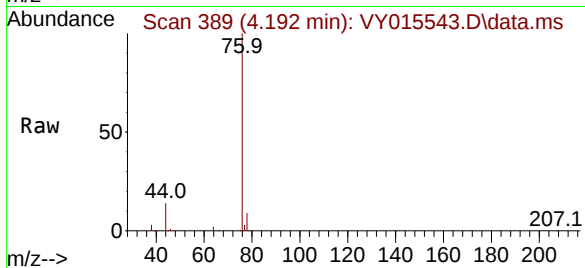
CPT103-14(4.5-5)

Tgt Ion: 76 Resp: 185113

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#25

2-Butanone

Concen: 2.845 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY015543.D

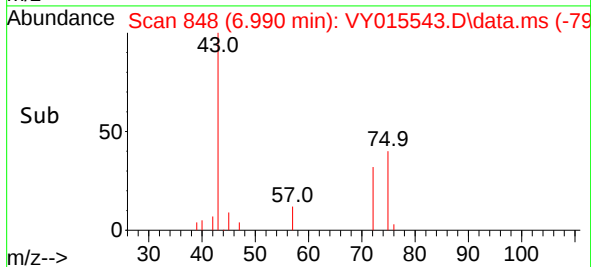
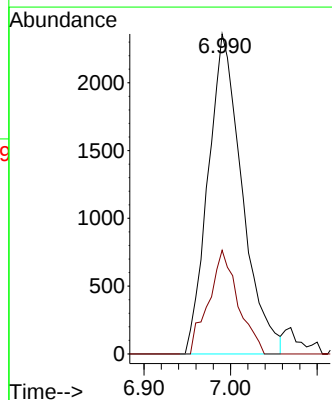
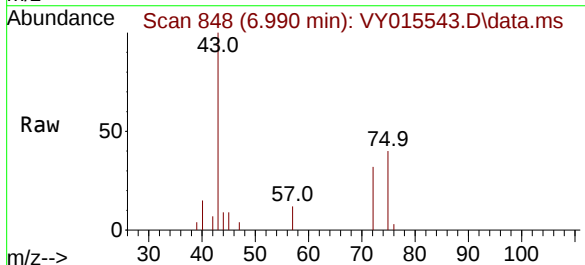
Acq: 14 Sep 2023 19:01

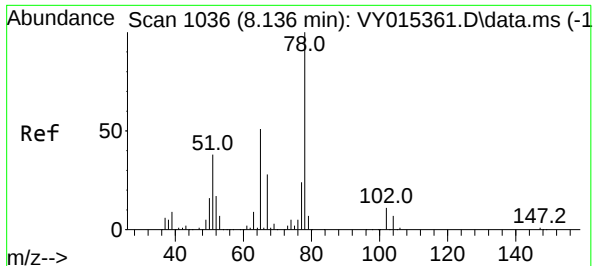
Tgt Ion: 43 Resp: 6430

Ion Ratio Lower Upper

43 100

72 32.4 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 56.346 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

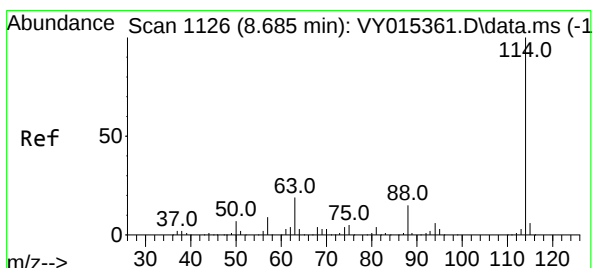
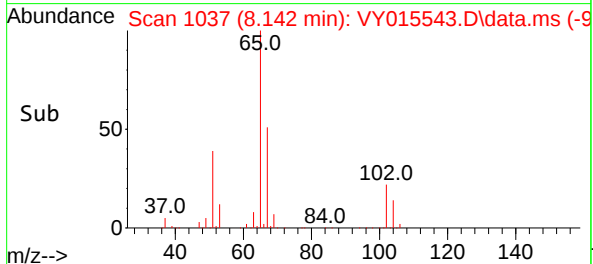
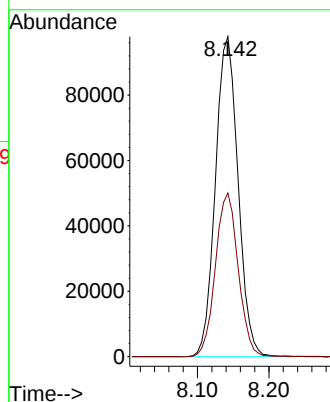
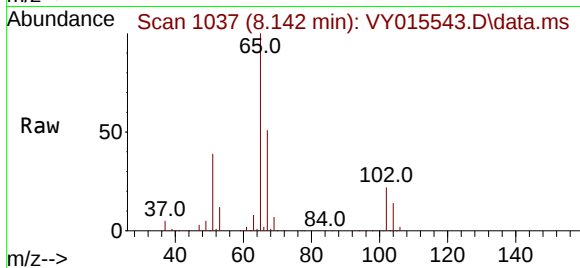
CPT103-14(4.5-5)

Tgt Ion: 65 Resp: 215119

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: VY015543.D

Acq: 14 Sep 2023 19:01

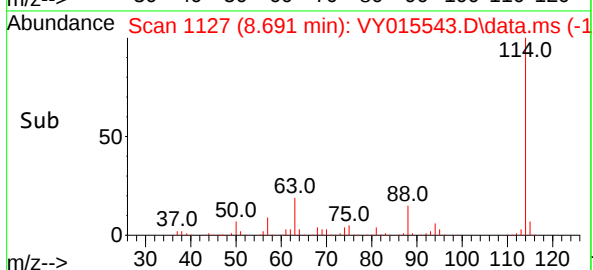
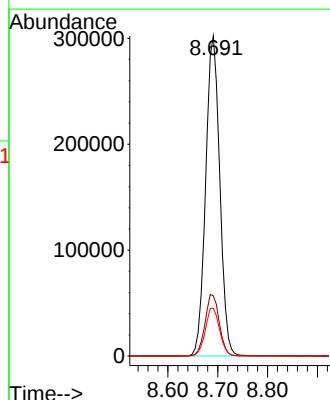
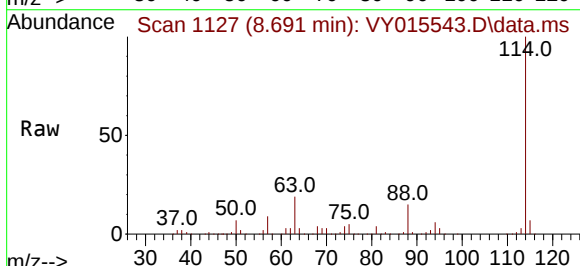
Tgt Ion: 114 Resp: 592465

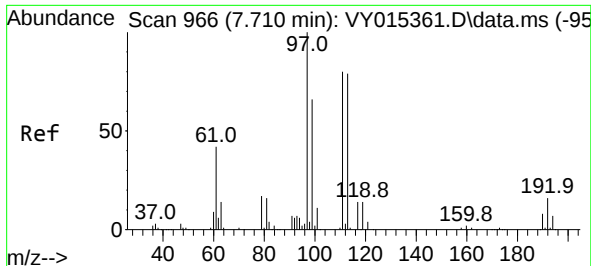
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.871 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-14(4.5-5)

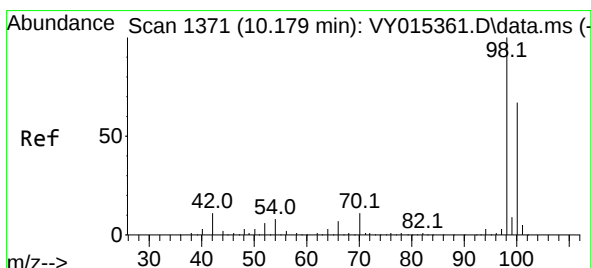
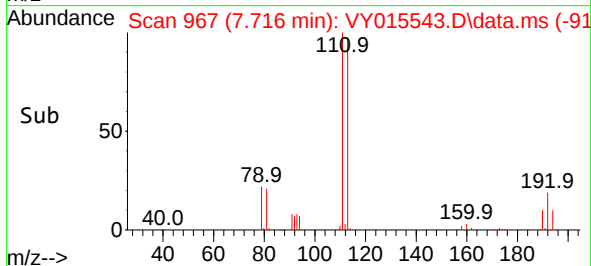
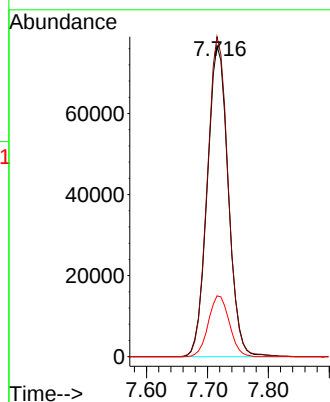
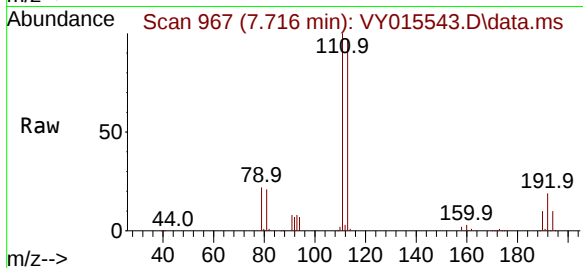
Tgt Ion:113 Resp: 183834

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.5 16.9 25.3



#50

Toluene-d8

Concen: 56.041 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015543.D

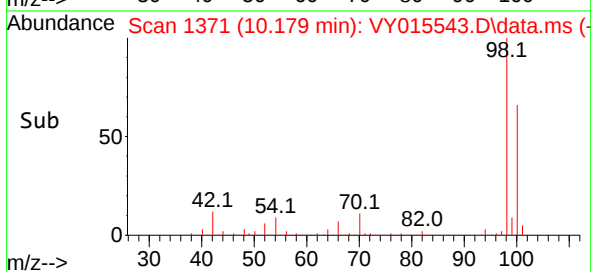
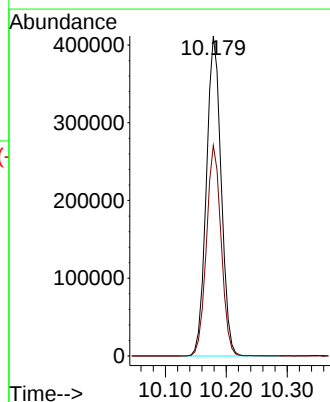
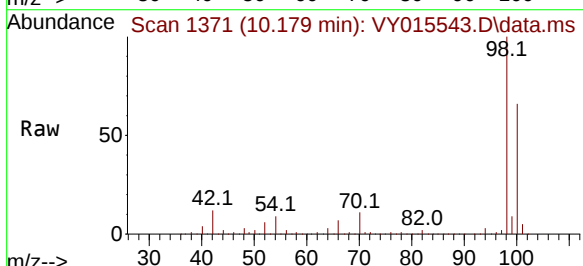
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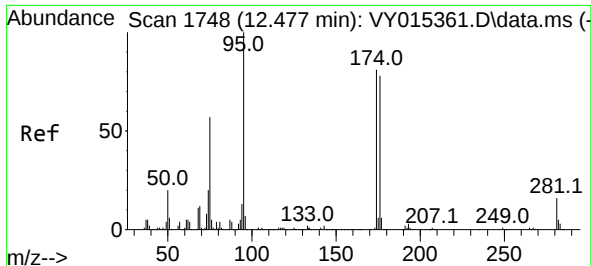
Tgt Ion: 98 Resp: 692545

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

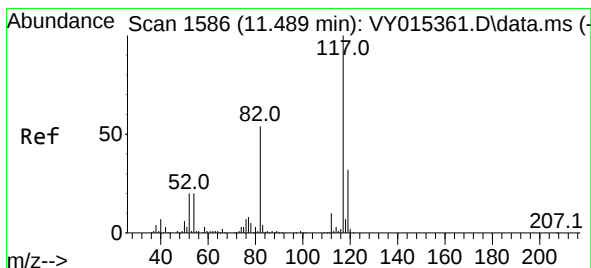
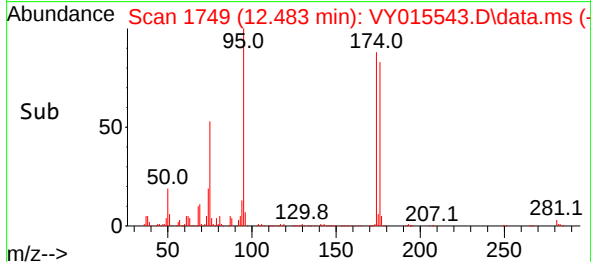
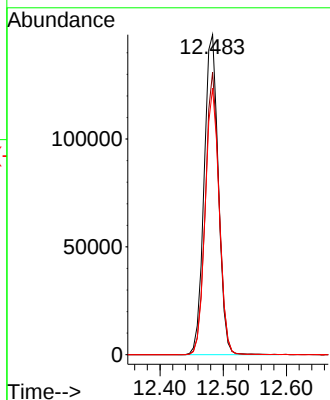
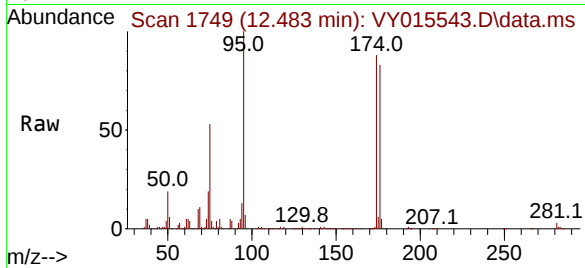




#62
4-Bromofluorobenzene
Concen: 50.647 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

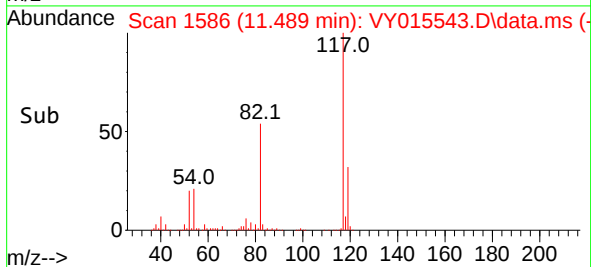
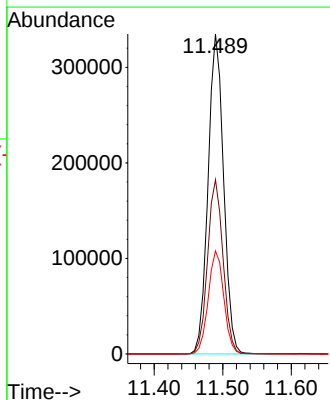
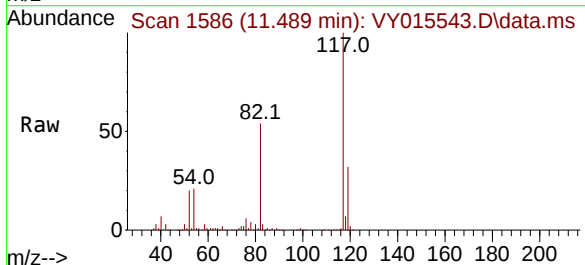
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-14(4.5-5)

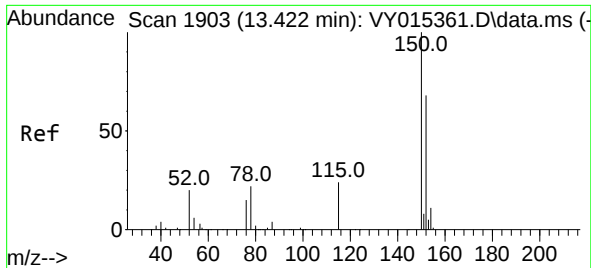
Tgt Ion: 95 Resp: 232352
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

Tgt Ion: 117 Resp: 528223
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.2 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: VY015543.D

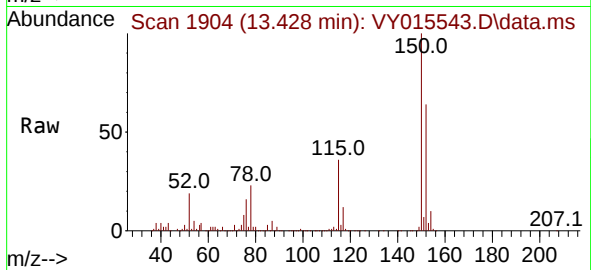
Acq: 14 Sep 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-14(4.5-5)



Tgt Ion:152 Resp: 238600

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 158.1 0.0 348.8

