

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015518.D
 Acq On : 12 Sep 2023 19:22
 Operator : SY/MD
 Sample : 04394-05
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 13 05:56:37 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)

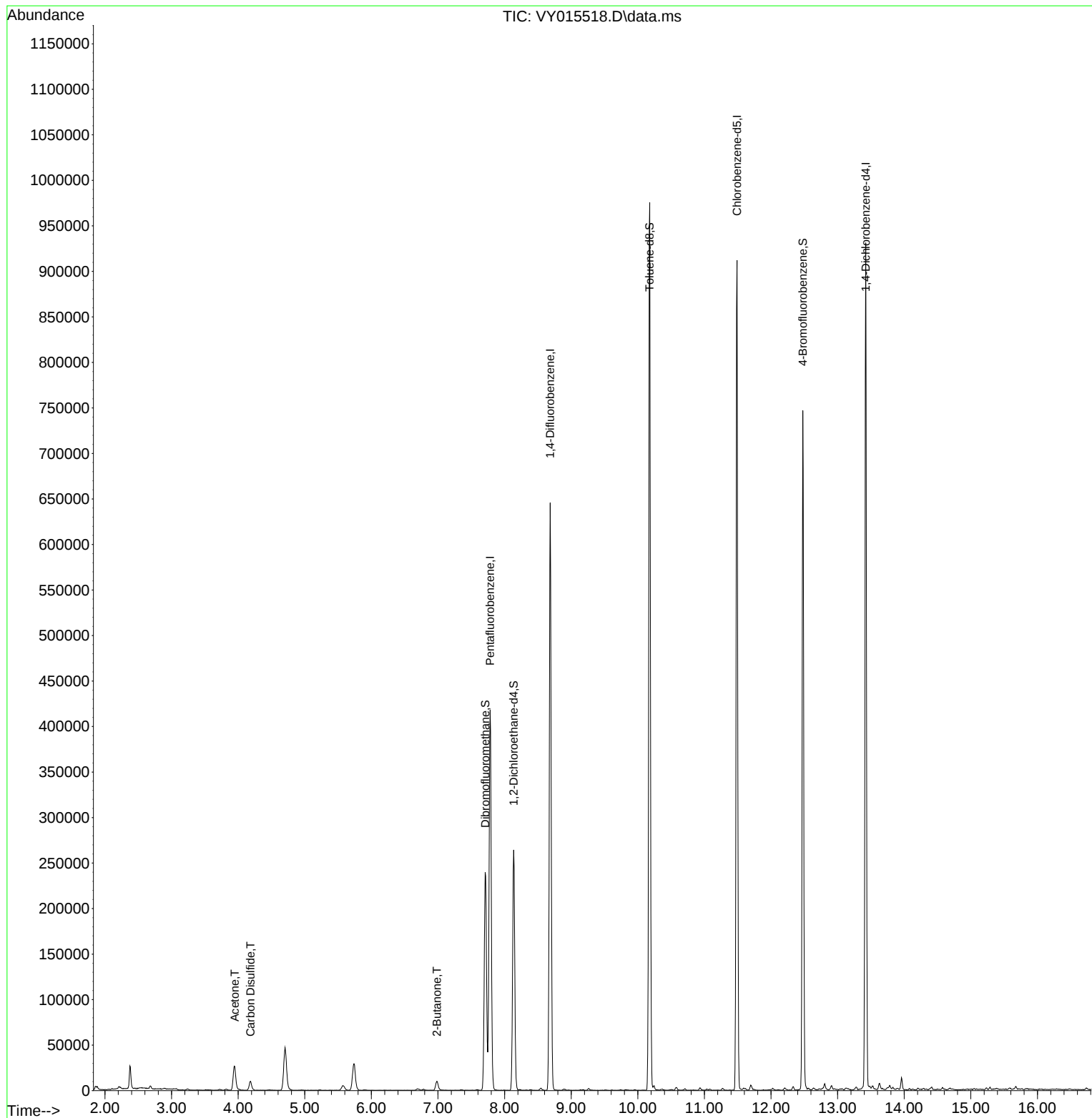
Internal Standards						
1) Pentafluorobenzene	7.783	168	328000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	548251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	493824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	231999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	205298	58.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.780%	
35) Dibromofluoromethane	7.710	113	170965	54.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.280%	
50) Toluene-d8	10.179	98	637359	55.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.460%	
62) 4-Bromofluorobenzene	12.477	95	218773	51.533	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.060%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	48248	32.875	ug/l	98
17) Carbon Disulfide	4.186	76	19530	2.004	ug/l	99
25) 2-Butanone	6.984	43	17071	8.201	ug/l	96

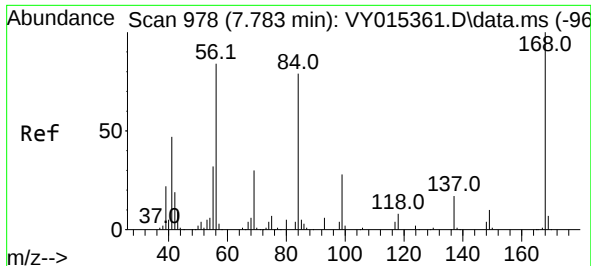
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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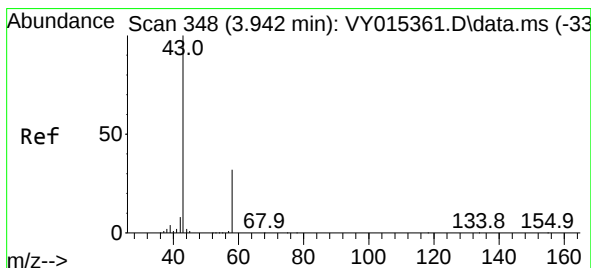
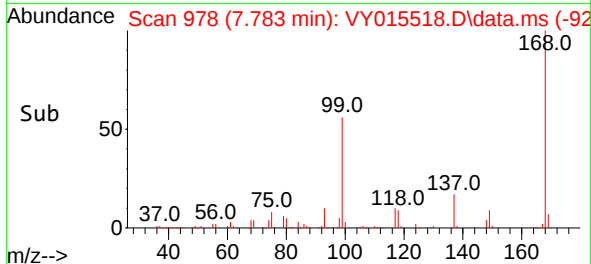
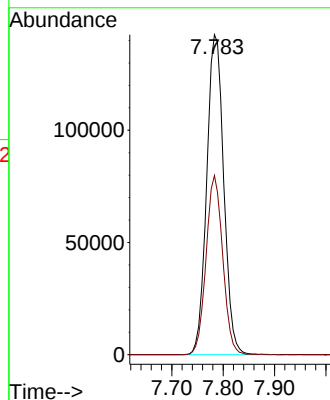
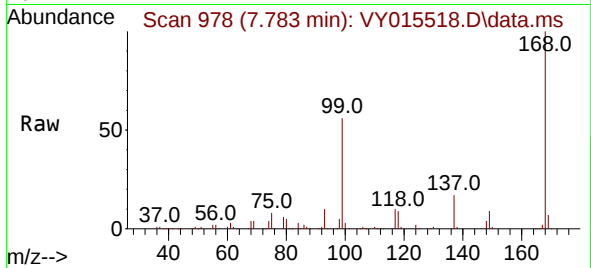




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

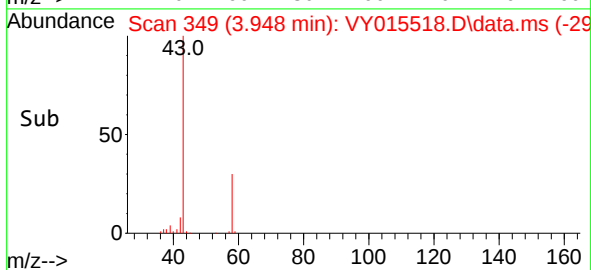
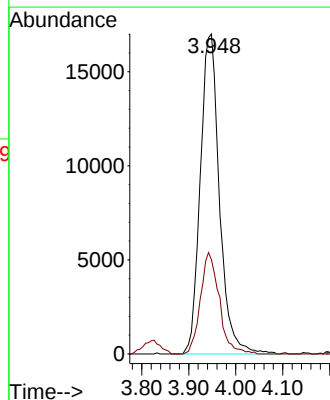
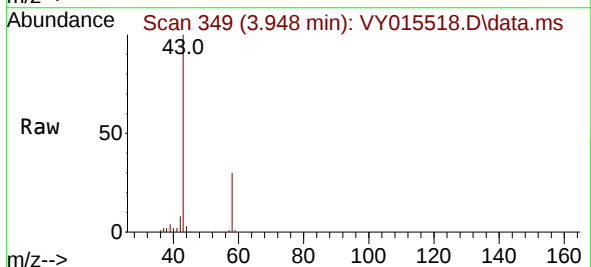
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-14(4.5-5)

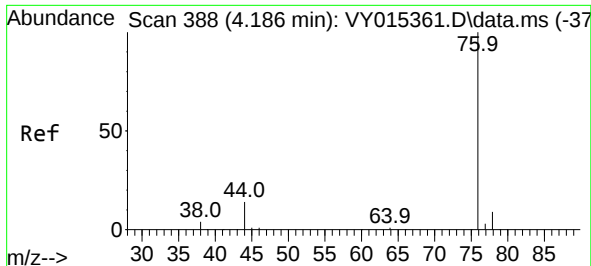
Tgt Ion:168 Resp: 328000
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#16
Acetone
Concen: 32.875 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Tgt Ion: 43 Resp: 48248
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1

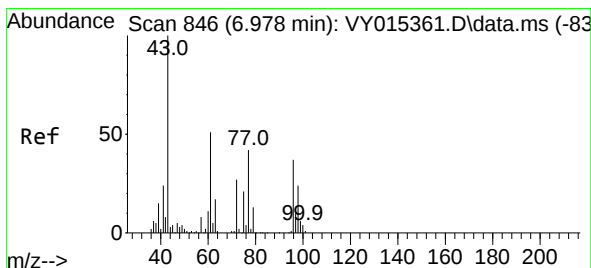
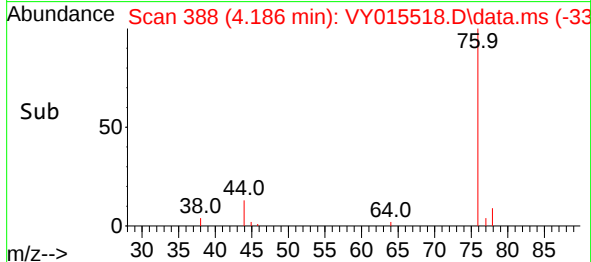
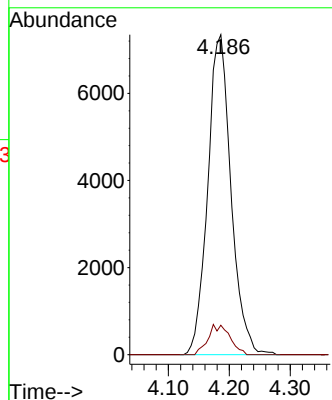
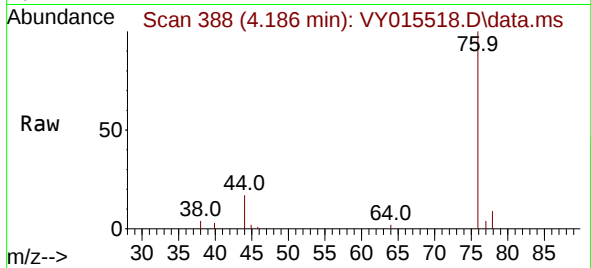




#17
Carbon Disulfide
Concen: 2.004 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

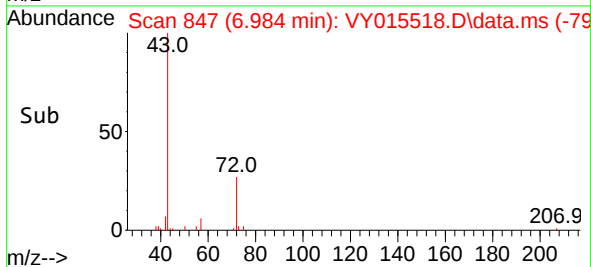
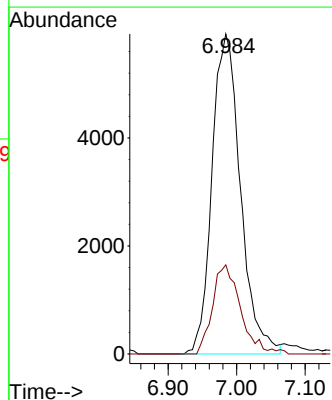
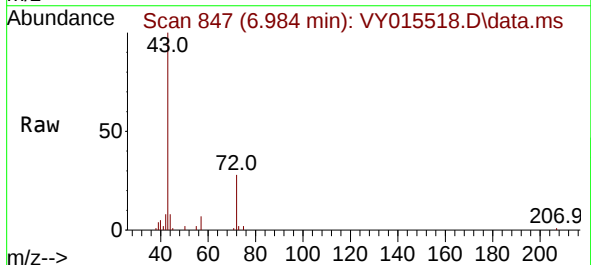
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-14(4.5-5)

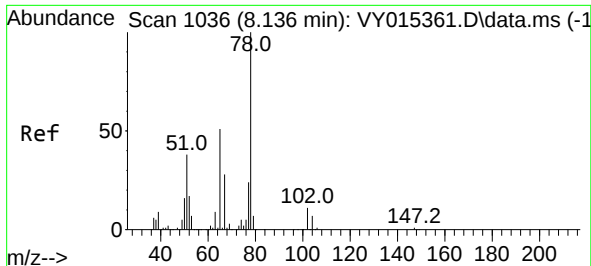
Tgt Ion: 76 Resp: 19530
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#25
2-Butanone
Concen: 8.201 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Tgt Ion: 43 Resp: 17071
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 58.388 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015518.D

Acq: 12 Sep 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

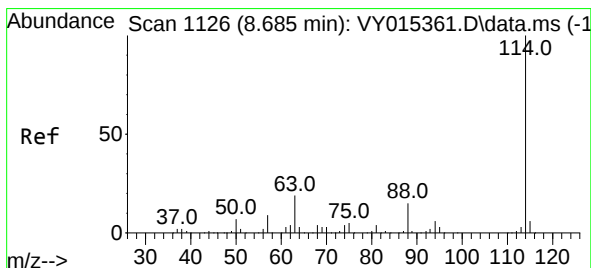
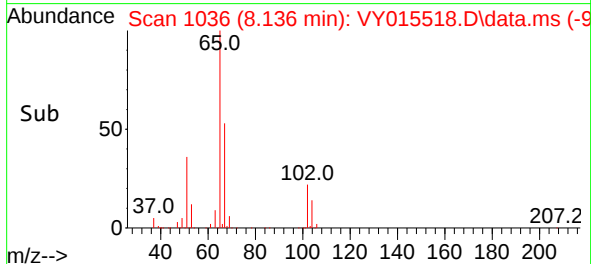
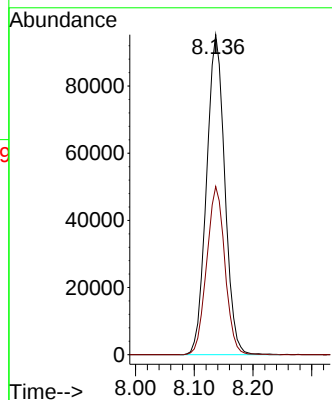
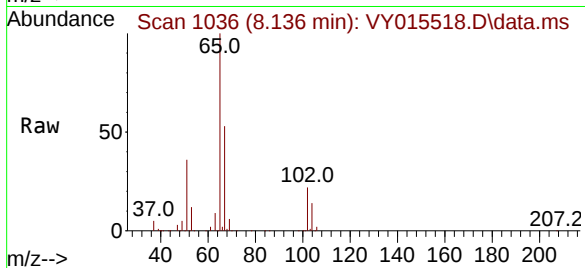
CPT103-14(4.5-5)

Tgt Ion: 65 Resp: 205298

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015518.D

Acq: 12 Sep 2023 19:22

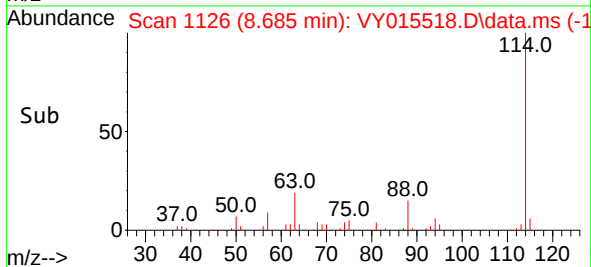
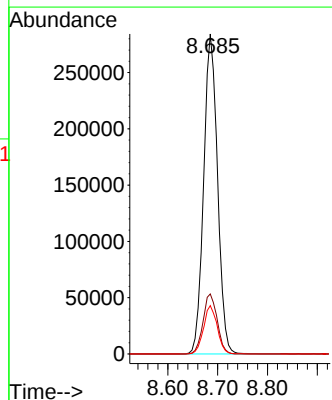
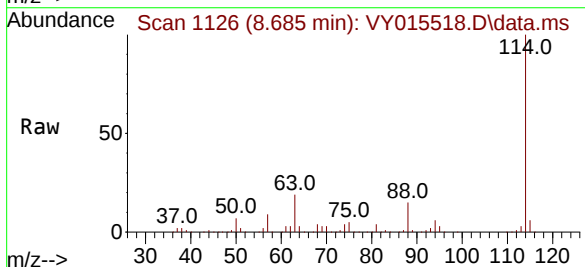
Tgt Ion: 114 Resp: 548251

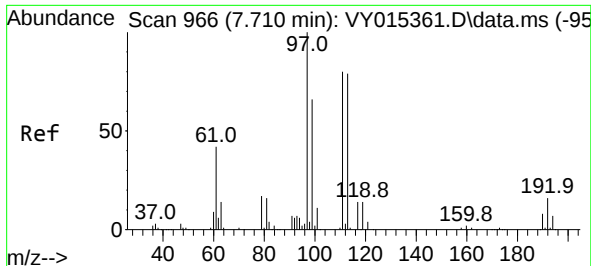
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.1 0.0 30.6

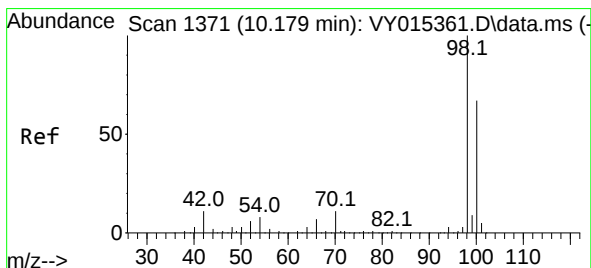
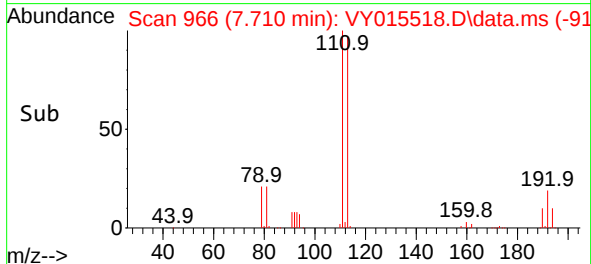
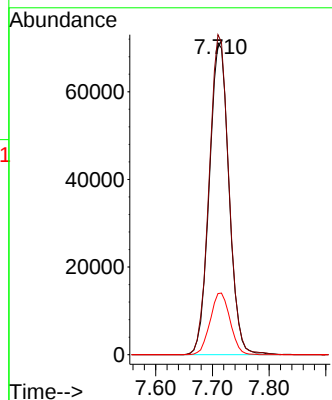
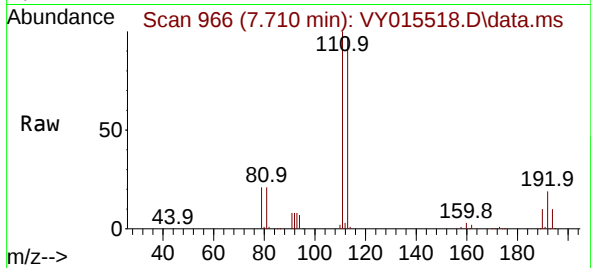




#35
Dibromofluoromethane
Concen: 54.140 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

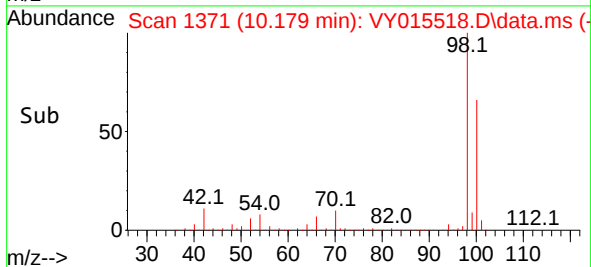
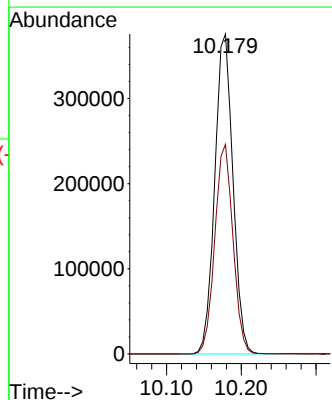
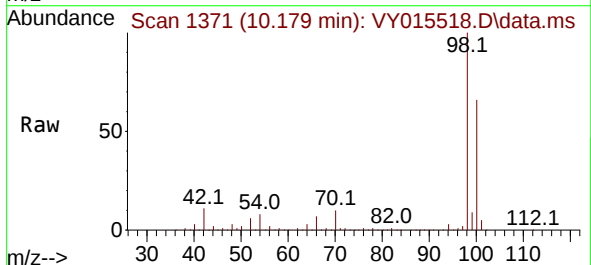
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CPT103-14(4.5-5)

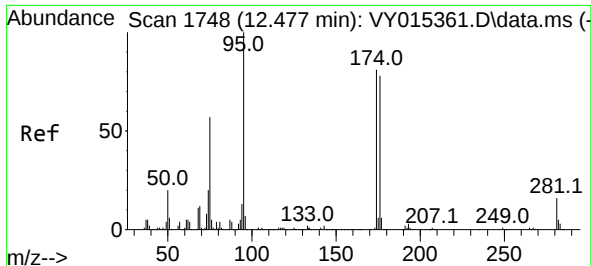
Tgt Ion:113 Resp: 170965
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 55.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Tgt Ion: 98 Resp: 637359
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

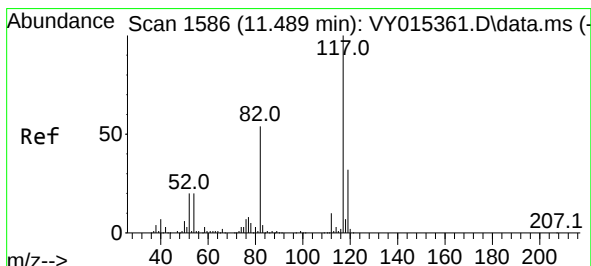
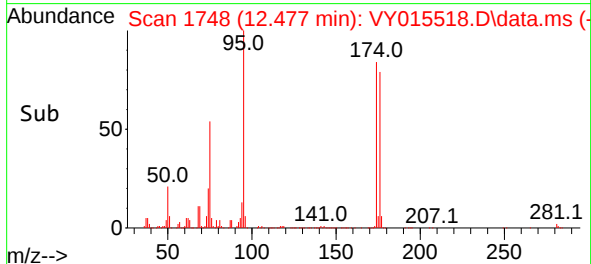
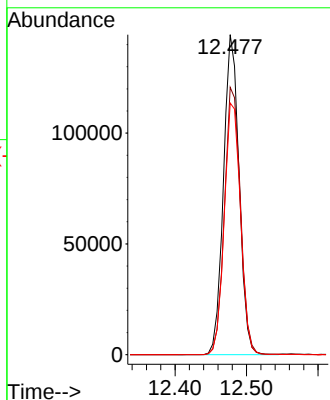
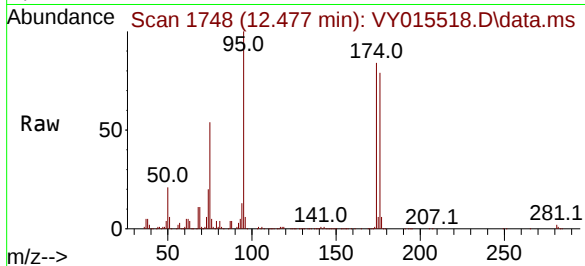




#62
4-Bromofluorobenzene
Concen: 51.533 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

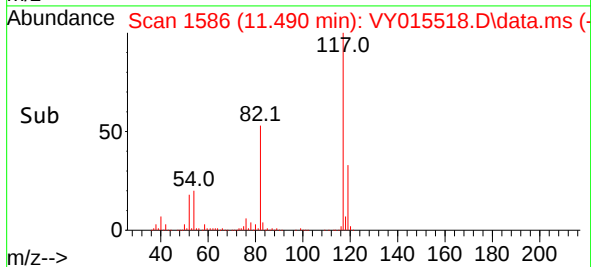
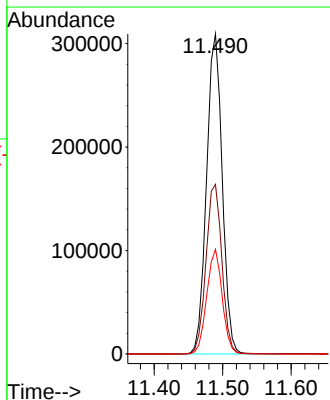
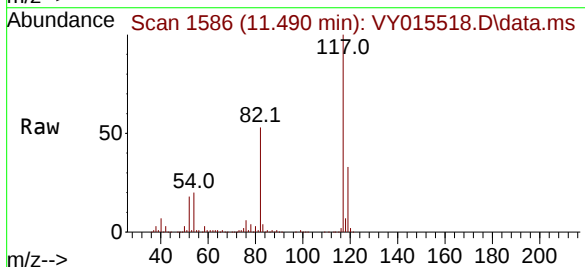
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CPT103-14(4.5-5)

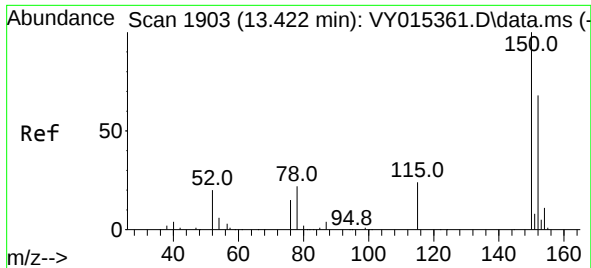
Tgt Ion: 95 Resp: 218773
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Tgt Ion: 117 Resp: 493824
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.7 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: VY015518.D

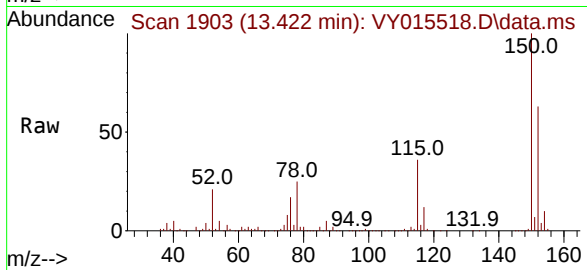
Acq: 12 Sep 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-14(4.5-5)



Tgt Ion:152 Resp: 231999

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 157.2 0.0 348.8

