

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015524.D
 Acq On : 12 Sep 2023 21:45
 Operator : SY/MD
 Sample : 04397-05
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-07(8-8.5)

Quant Time: Sep 13 05:58:31 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)

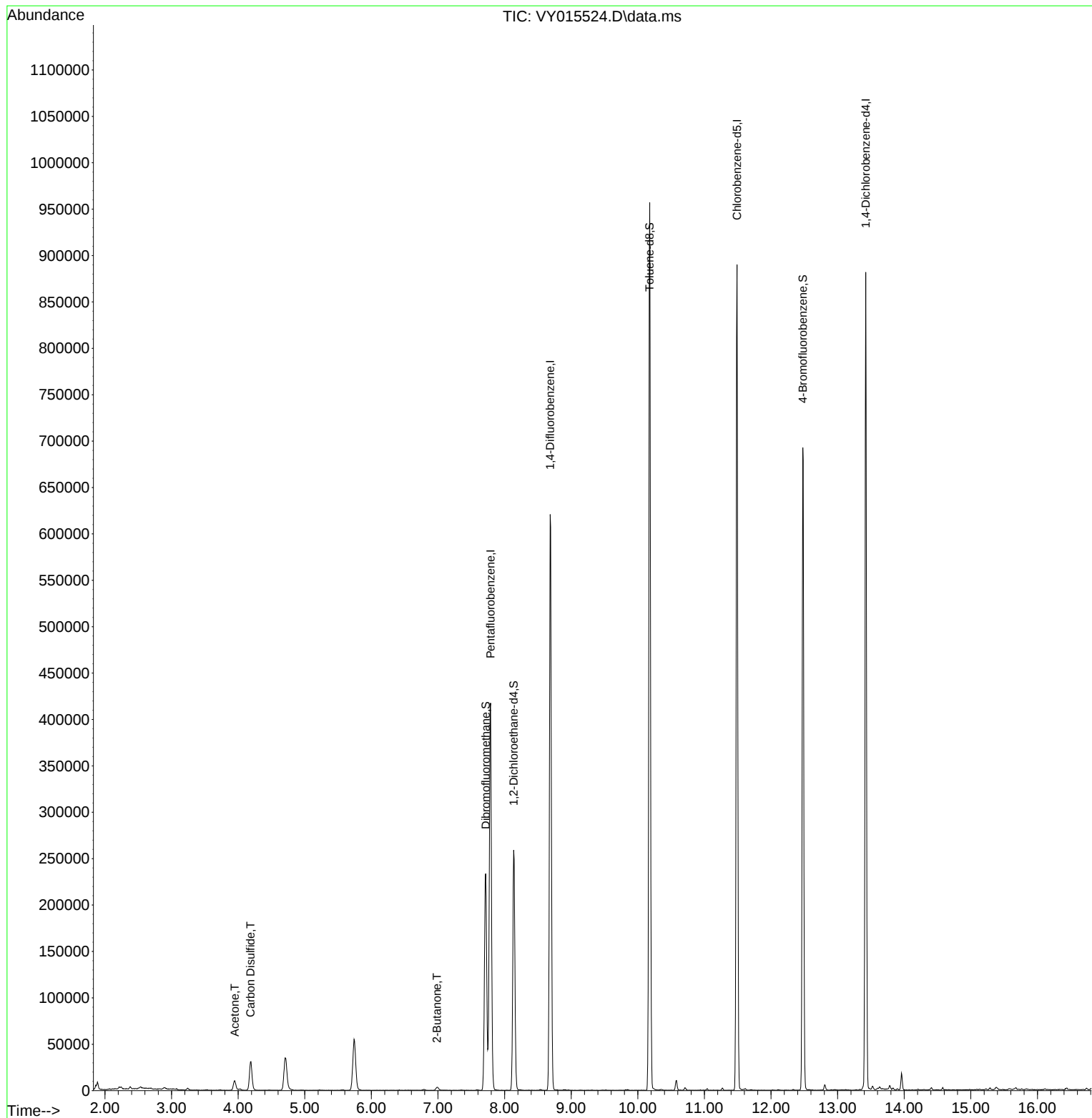
Internal Standards						
1) Pentafluorobenzene	7.789	168	324349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	536600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	478907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	200579	57.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.380%
35) Dibromofluoromethane	7.716	113	165929	53.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.380%
50) Toluene-d8	10.179	98	630487	56.331	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.660%
62) 4-Bromofluorobenzene	12.477	95	205447	49.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.880%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	18457	12.718	ug/l	95
17) Carbon Disulfide	4.186	76	63338	6.571	ug/l	100
25) 2-Butanone	6.984	43	5770	2.803	ug/l	93

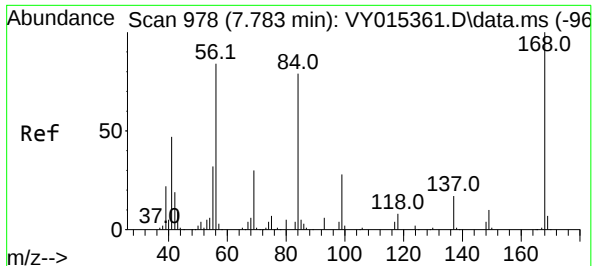
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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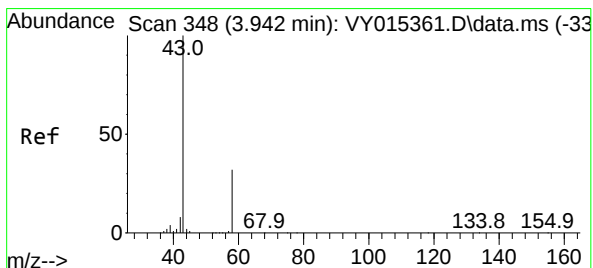
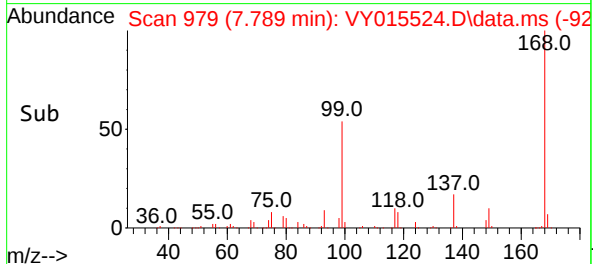
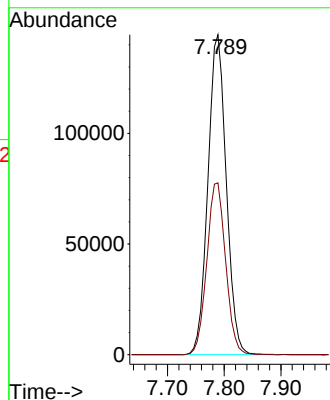
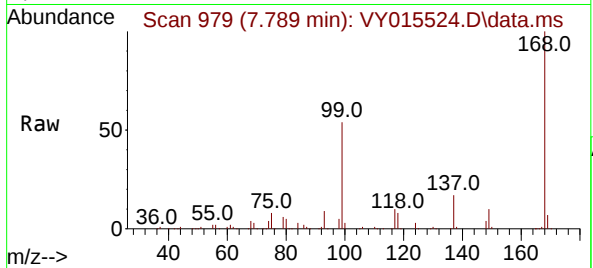




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

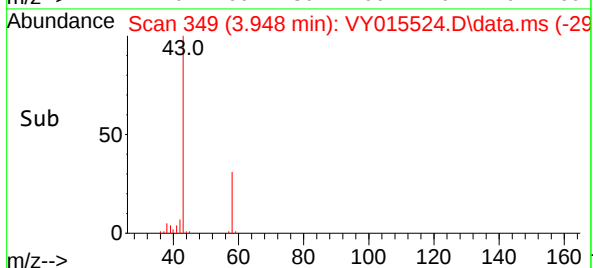
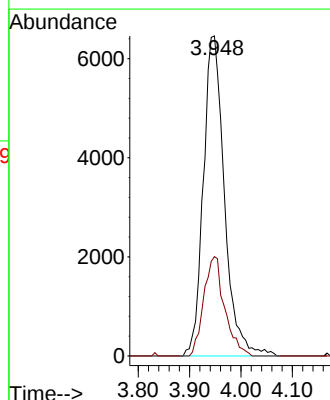
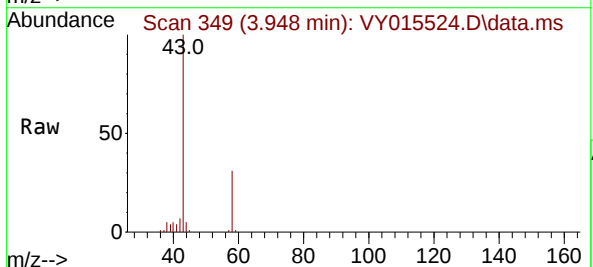
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-07(8-8.5)

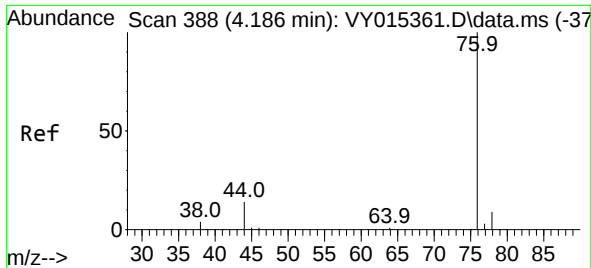
Tgt Ion:168 Resp: 324349
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 12.718 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

Tgt Ion: 43 Resp: 18457
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





#17

Carbon Disulfide

Concen: 6.571 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015524.D

Acq: 12 Sep 2023 21:45

Instrument :

MSVOA_Y

ClientSampleId :

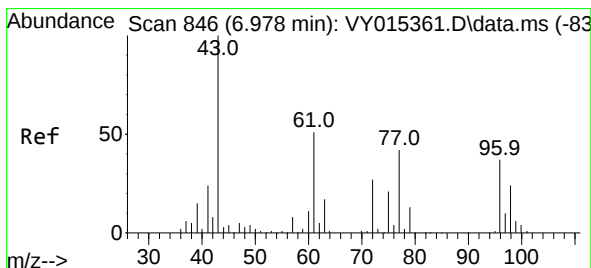
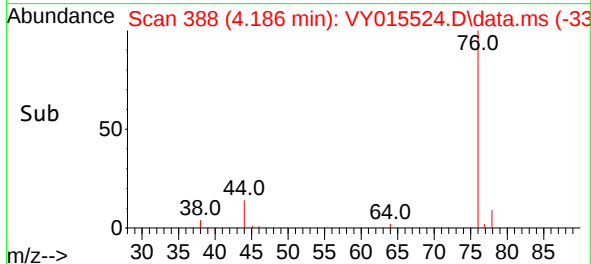
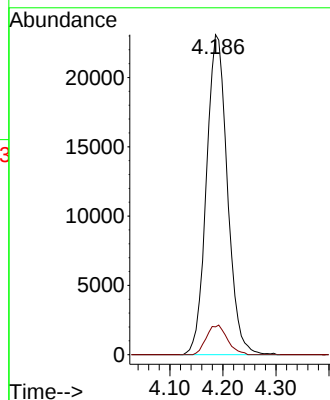
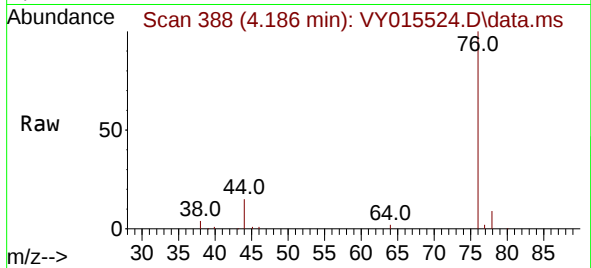
CPT103-07(8-8.5)

Tgt Ion: 76 Resp: 63338

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



#25

2-Butanone

Concen: 2.803 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015524.D

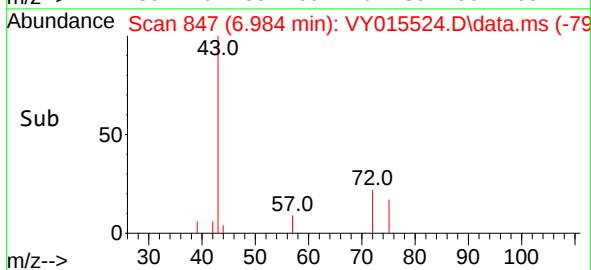
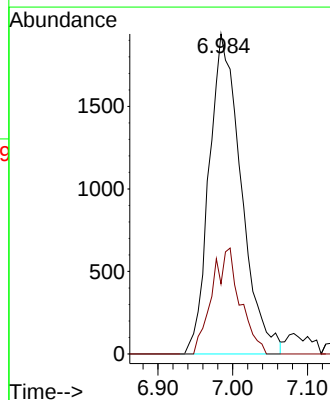
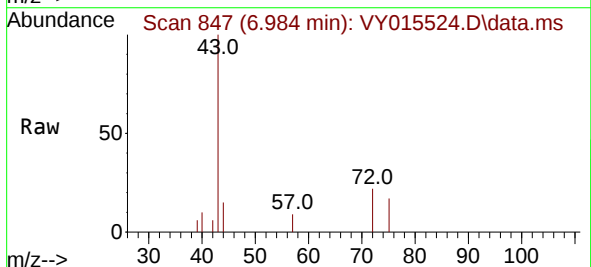
Acq: 12 Sep 2023 21:45

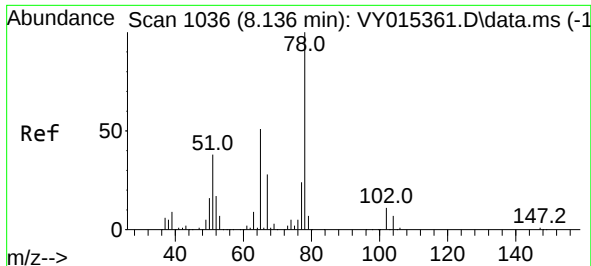
Tgt Ion: 43 Resp: 5770

Ion Ratio Lower Upper

43 100

72 21.9 20.5 30.7

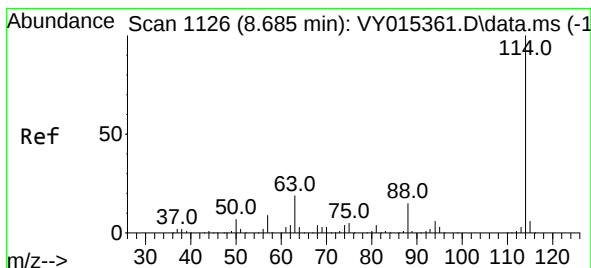
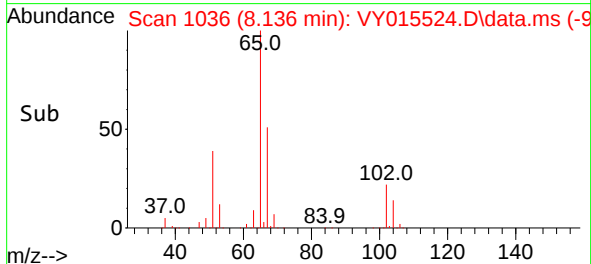
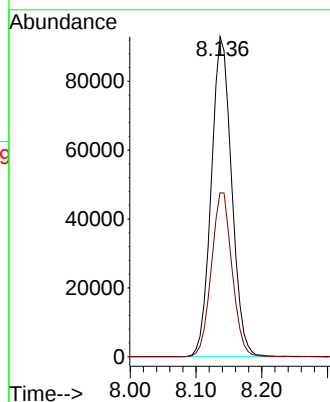
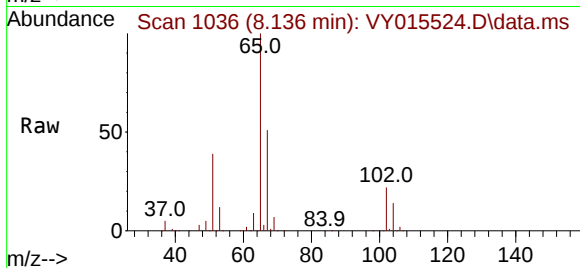




#33
 1,2-Dichloroethane-d4
 Concen: 57.688 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015524.D
 Acq: 12 Sep 2023 21:45

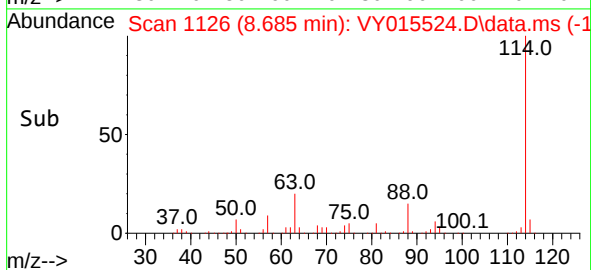
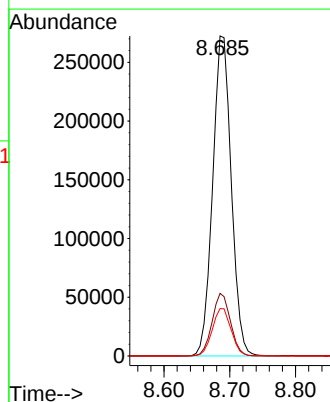
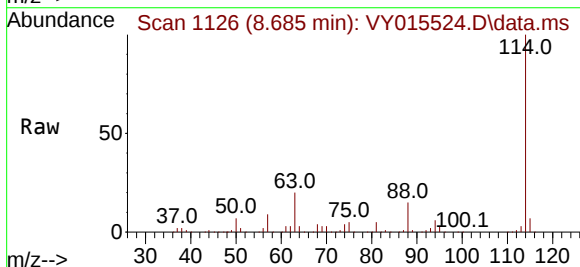
Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-07(8-8.5)

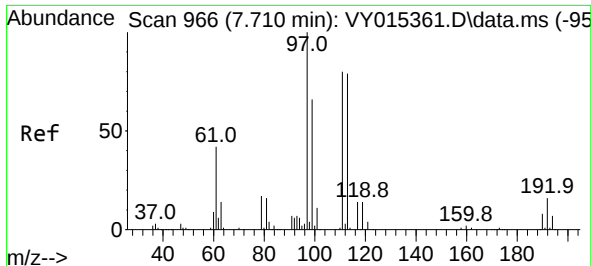
Tgt Ion: 65 Resp: 200579
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015524.D
 Acq: 12 Sep 2023 21:45

Tgt Ion: 114 Resp: 536600
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.686 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY015524.D

Acq: 12 Sep 2023 21:45

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-07(8-8.5)

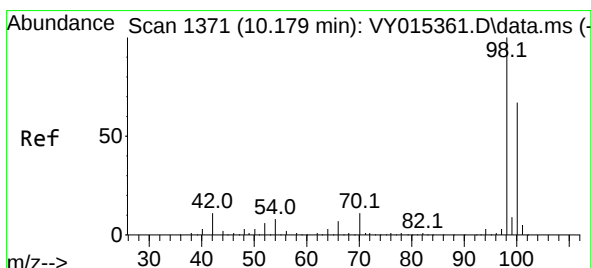
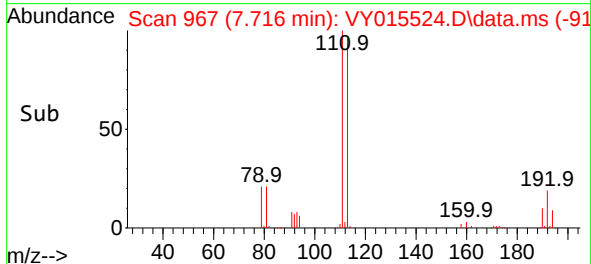
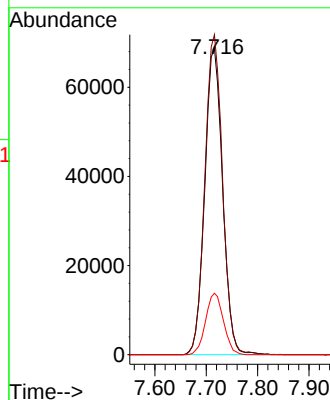
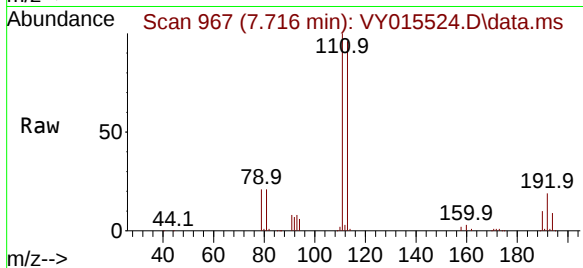
Tgt Ion:113 Resp: 165929

Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 20.0 16.9 25.3



#50

Toluene-d8

Concen: 56.331 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015524.D

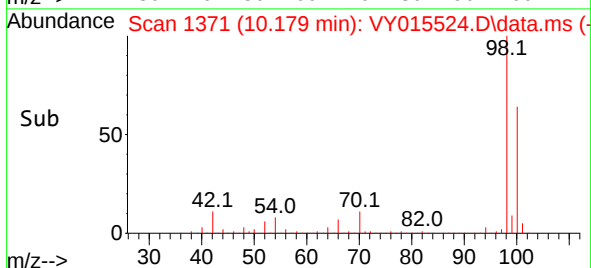
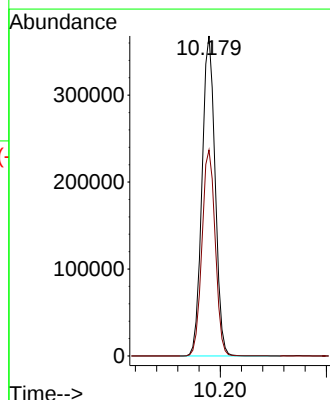
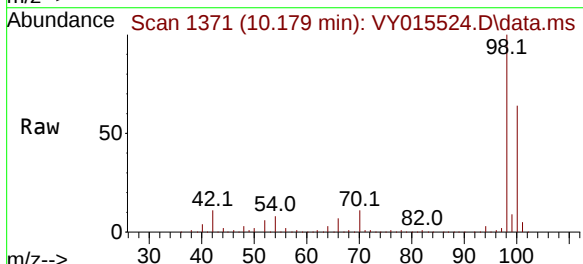
Acq: 12 Sep 2023 21:45

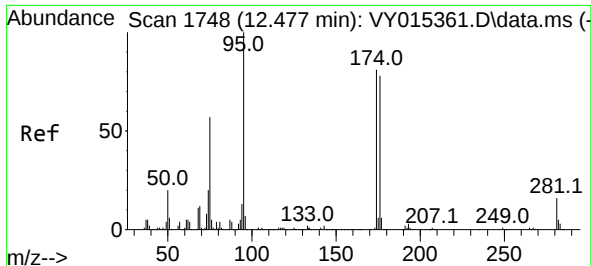
Tgt Ion: 98 Resp: 630487

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 49.445 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015524.D

Acq: 12 Sep 2023 21:45

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-07(8-8.5)

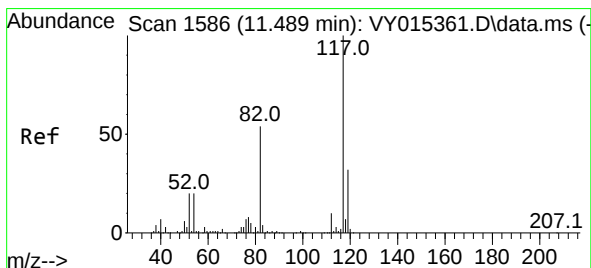
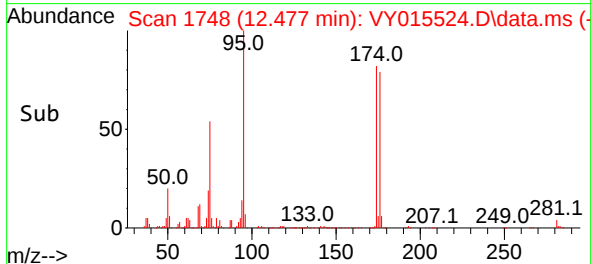
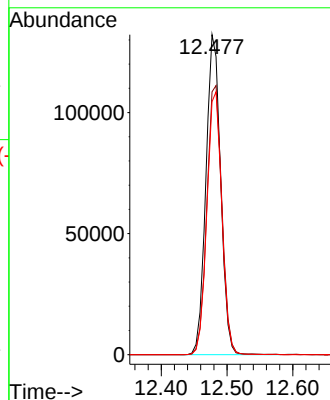
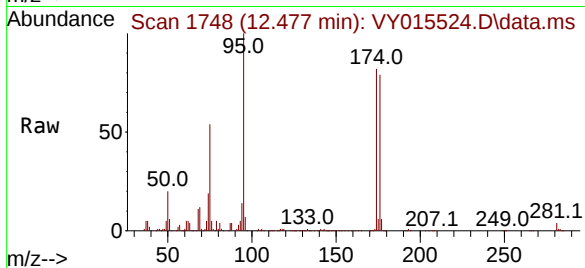
Tgt Ion: 95 Resp: 205447

Ion Ratio Lower Upper

95 100

174 86.5 0.0 178.2

176 83.4 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: VY015524.D

Acq: 12 Sep 2023 21:45

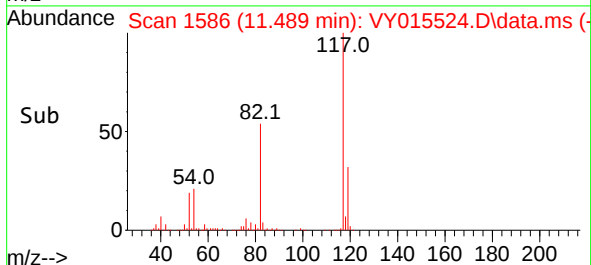
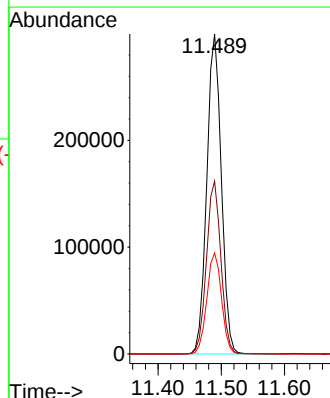
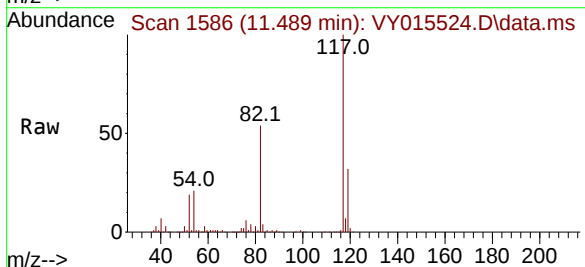
Tgt Ion: 117 Resp: 478907

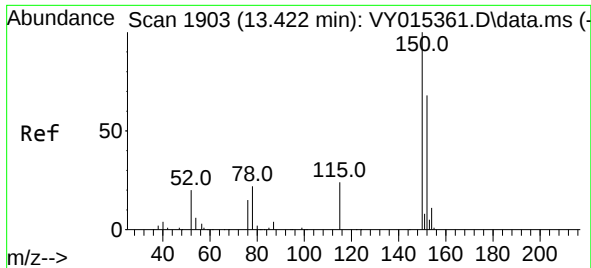
Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

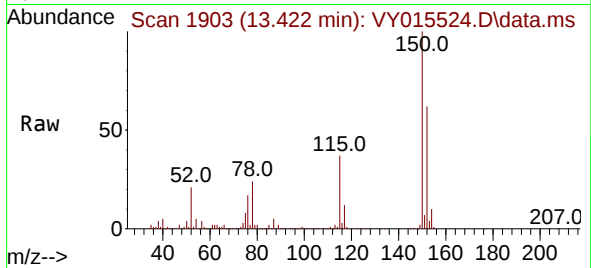
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015524.D
 Acq: 12 Sep 2023 21:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-07(8-8.5)



Tgt Ion:152 Resp: 216706
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 157.1 0.0 348.8

