

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015655.D
 Acq On : 20 Sep 2023 13:45
 Operator : SY/MD
 Sample : 04436-07
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-02(6-6.5)

Quant Time: Sep 21 03:40:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

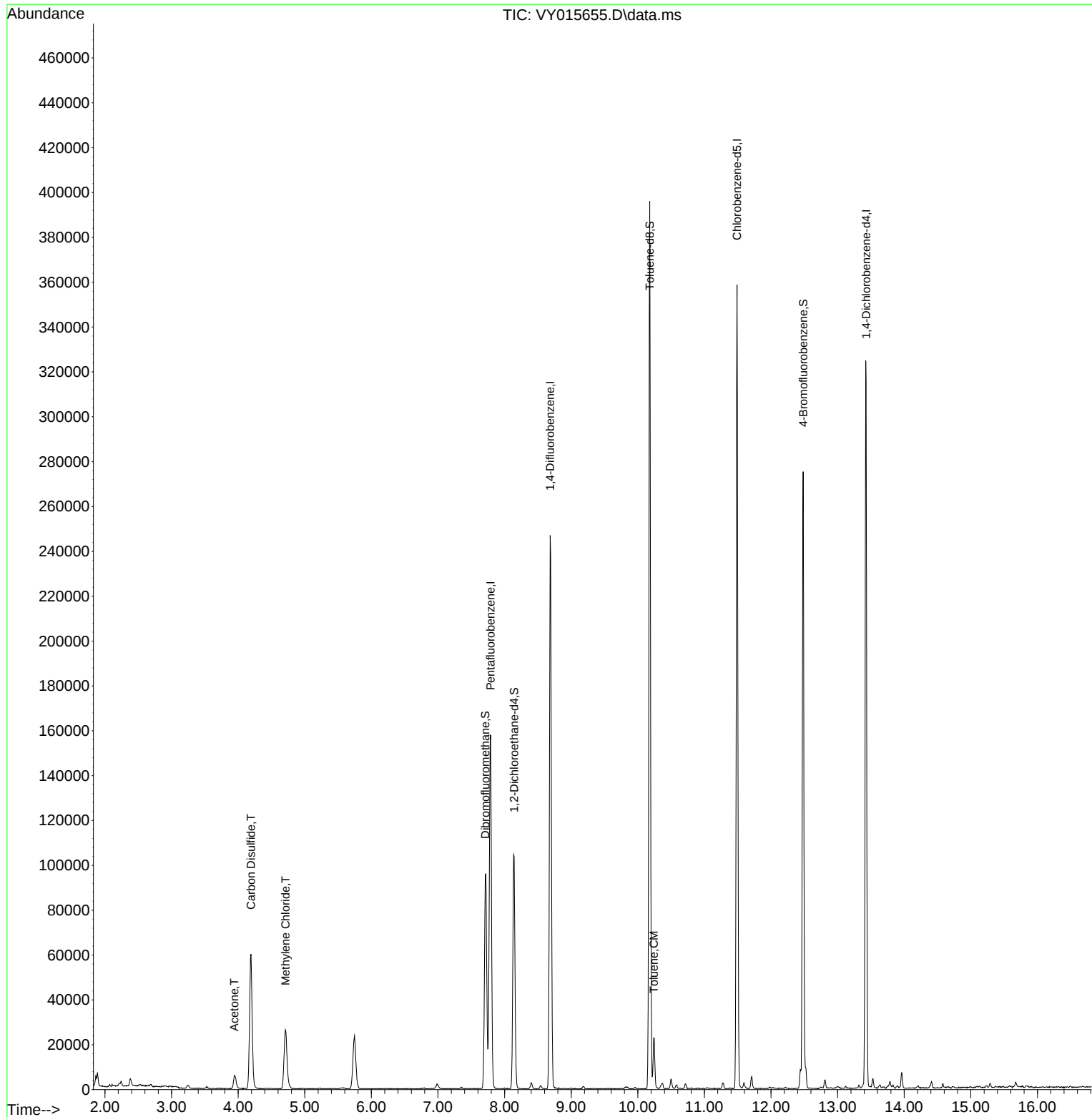
Internal Standards						
1) Pentafluorobenzene	7.789	168	123837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81659	59.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.860%	
35) Dibromofluoromethane	7.710	113	68340	53.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.940%	
50) Toluene-d8	10.179	98	249672	58.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.300%	
62) 4-Bromofluorobenzene	12.483	95	81319	48.265	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	10936	14.998	ug/l	92
17) Carbon Disulfide	4.192	76	121610	57.458	ug/l	98
20) Methylene Chloride	4.710	84	19792	8.364	ug/l	91
52) Toluene	10.240	92	9363	2.544	ug/l	98

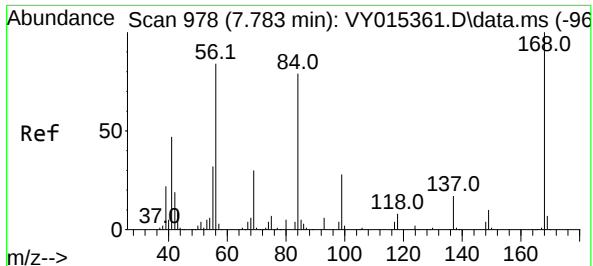
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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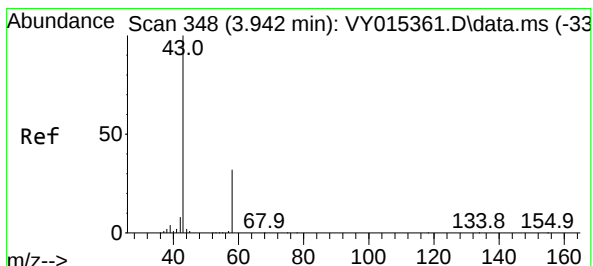
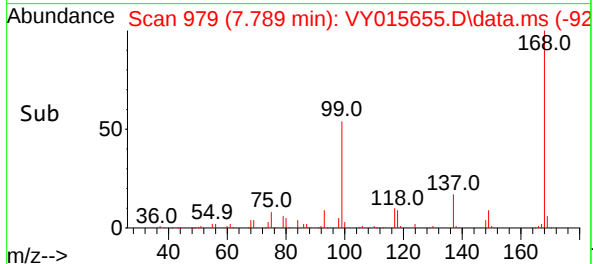
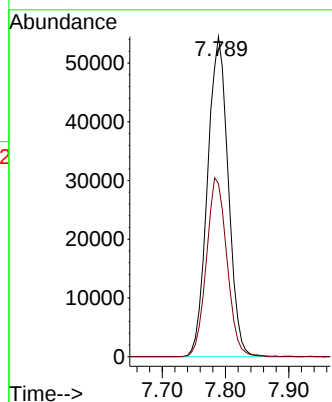
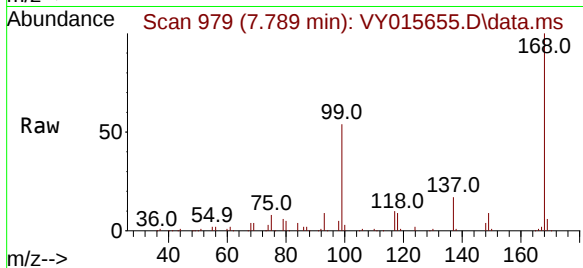




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015655.D
Acq: 20 Sep 2023 13:45

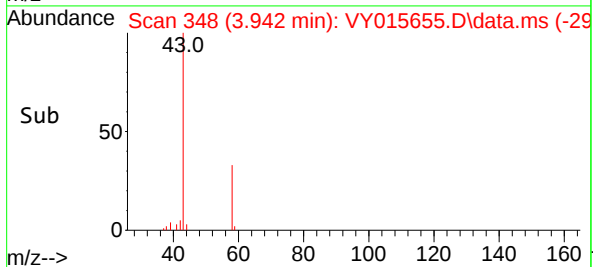
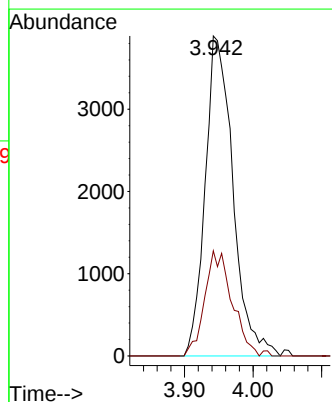
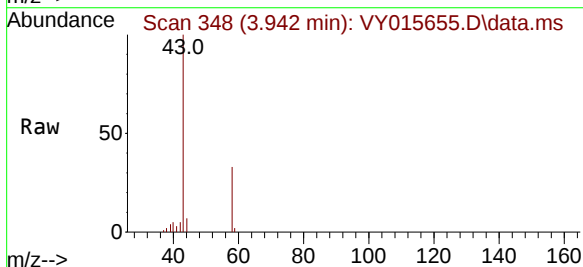
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-02(6-6.5)

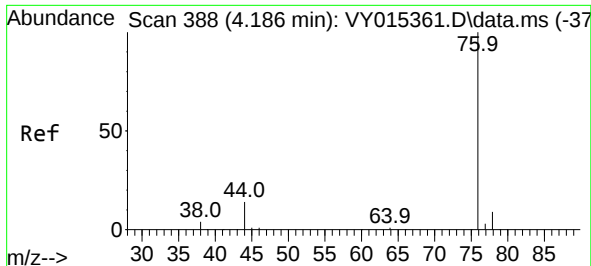
Tgt Ion:168 Resp: 123837
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#16
Acetone
Concen: 14.998 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015655.D
Acq: 20 Sep 2023 13:45

Tgt Ion: 43 Resp: 10936
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1





#17

Carbon Disulfide

Concen: 57.458 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015655.D

Acq: 20 Sep 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

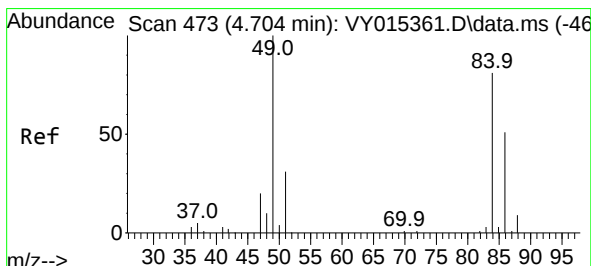
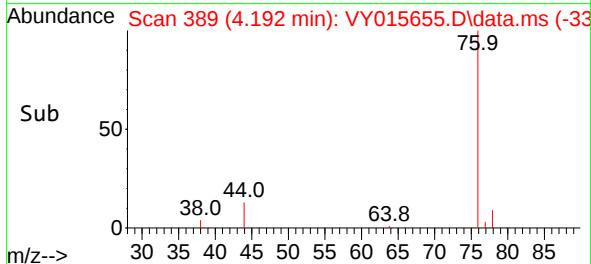
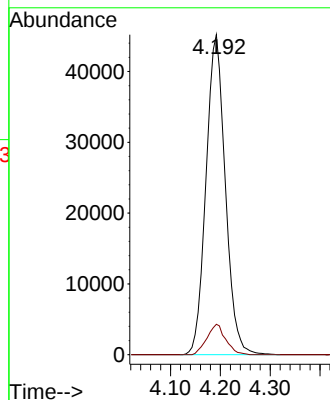
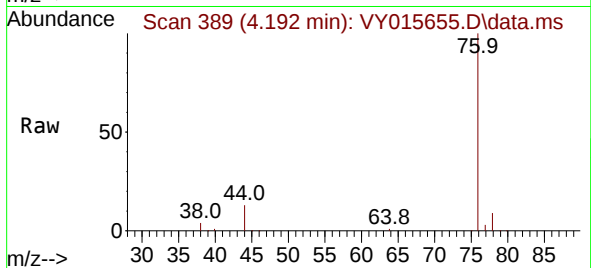
CPT103-02(6-6.5)

Tgt Ion: 76 Resp: 121610

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



#20

Methylene Chloride

Concen: 8.364 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015655.D

Acq: 20 Sep 2023 13:45

Tgt Ion: 84 Resp: 19792

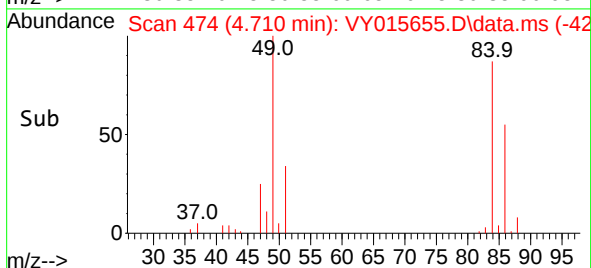
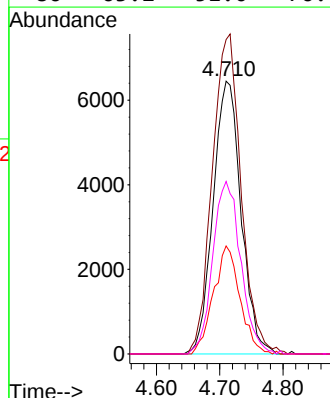
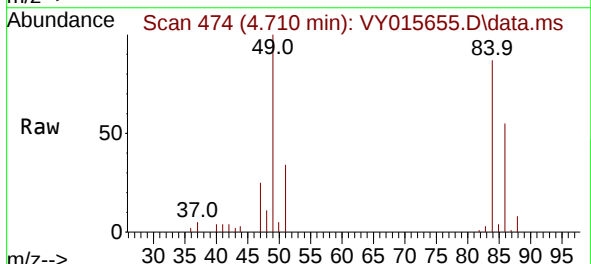
Ion Ratio Lower Upper

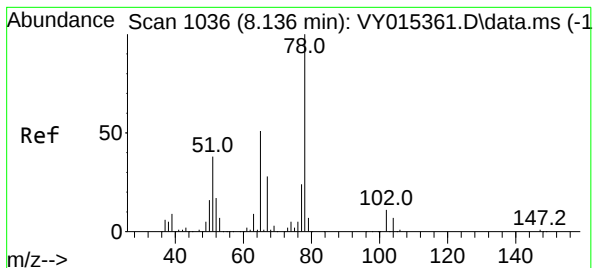
84 100

49 115.2 106.9 160.3

51 39.6 33.2 49.8

86 63.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.931 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015655.D

Acq: 20 Sep 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

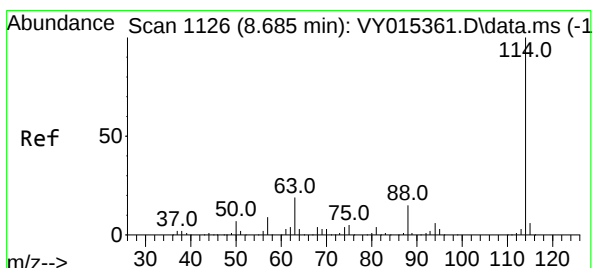
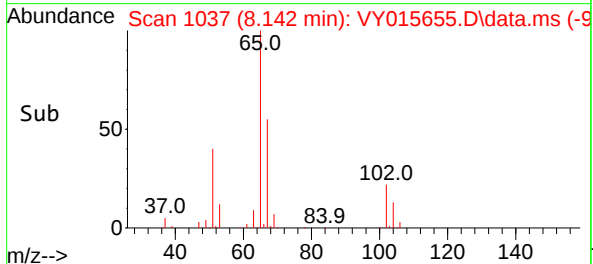
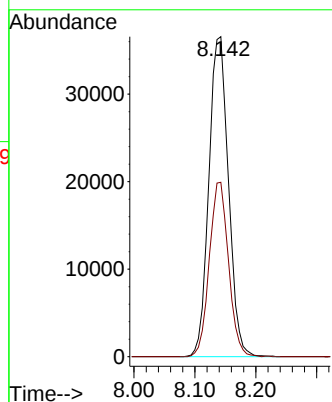
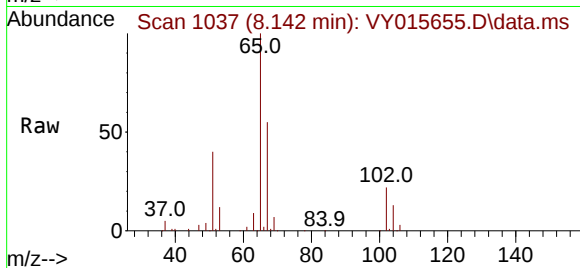
CPT103-02(6-6.5)

Tgt Ion: 65 Resp: 81659

Ion Ratio Lower Upper

65 100

67 53.4 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: VY015655.D

Acq: 20 Sep 2023 13:45

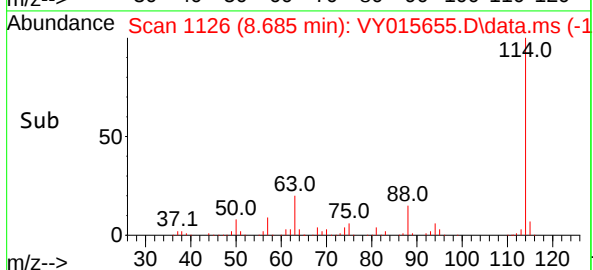
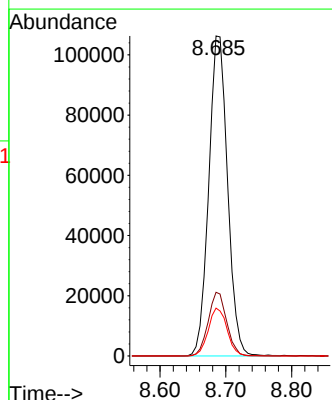
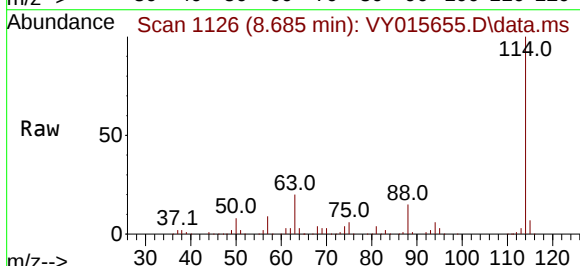
Tgt Ion: 114 Resp: 211556

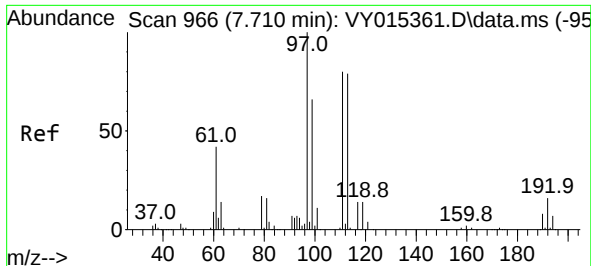
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.971 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015655.D

Acq: 20 Sep 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-02(6-6.5)

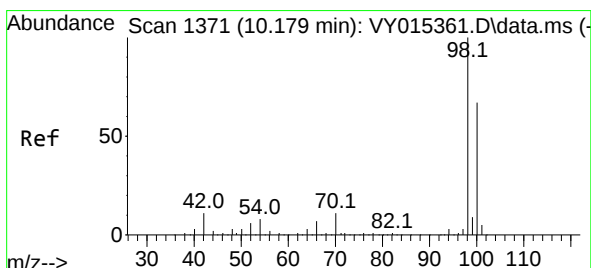
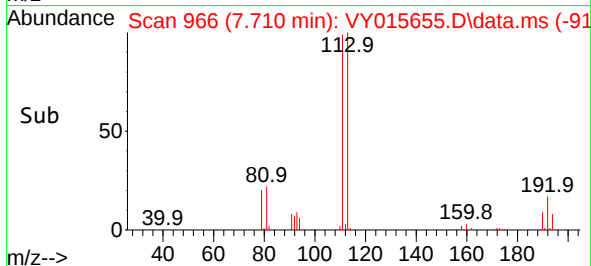
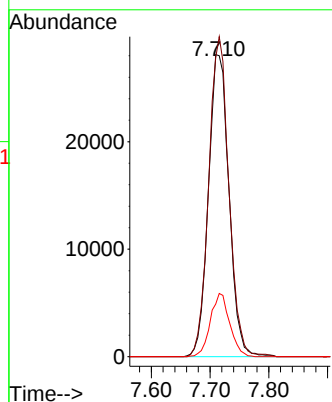
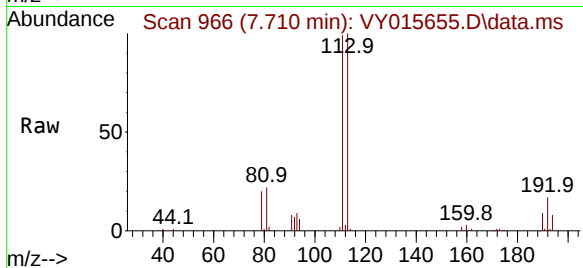
Tgt Ion:113 Resp: 68340

Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.7 16.9 25.3



#50

Toluene-d8

Concen: 58.153 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015655.D

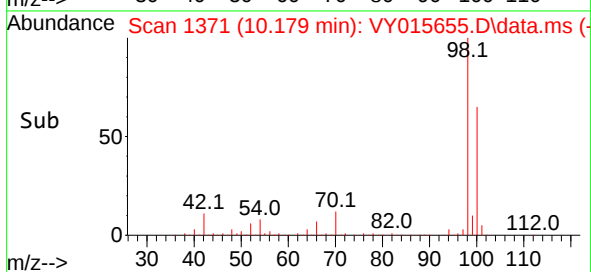
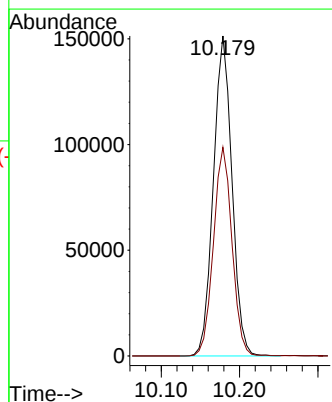
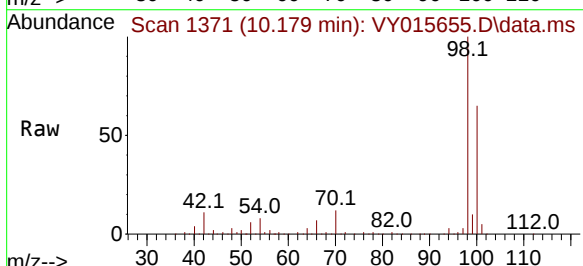
Acq: 20 Sep 2023 13:45

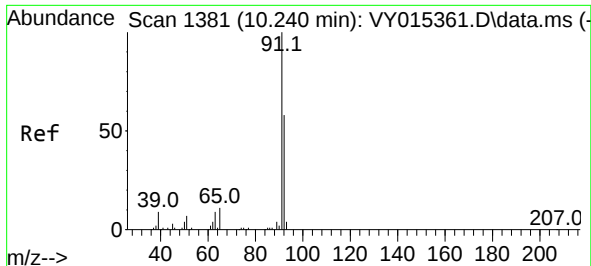
Tgt Ion: 98 Resp: 249672

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

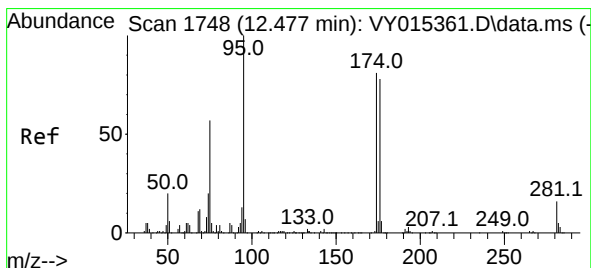
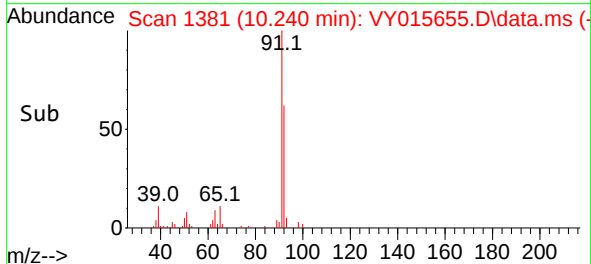
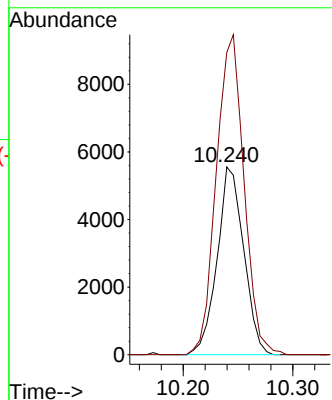
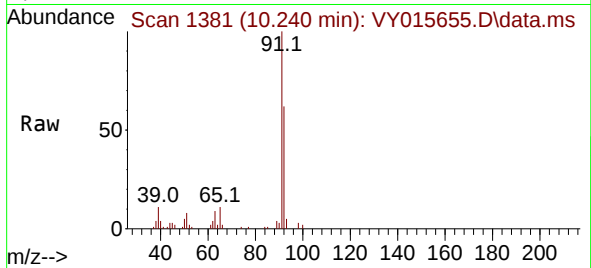




#52
Toluene
Concen: 2.544 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015655.D
Acq: 20 Sep 2023 13:45

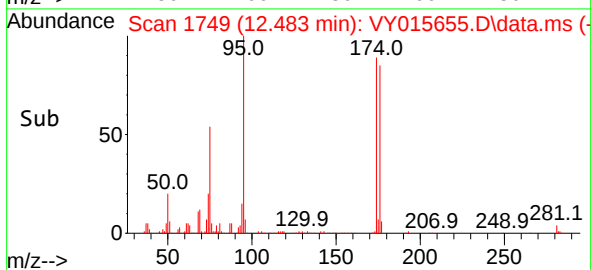
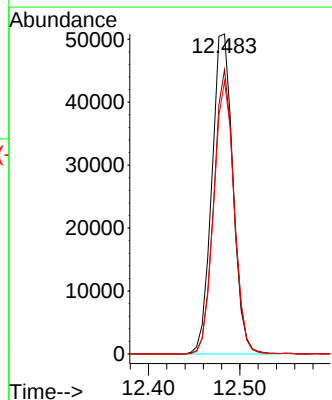
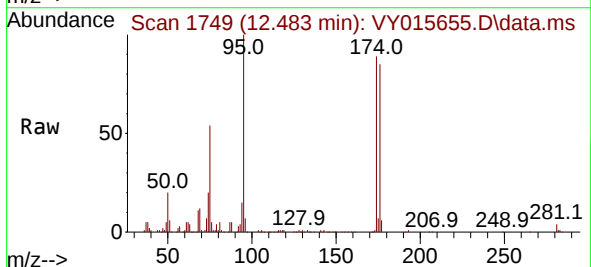
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-02(6-6.5)

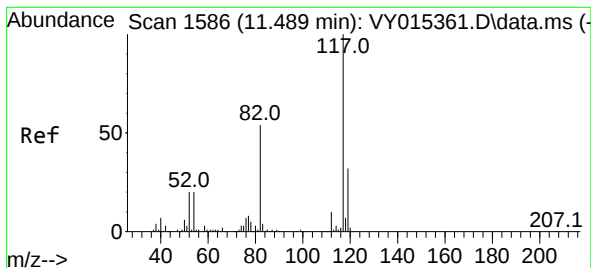
Tgt Ion: 92 Resp: 9363
Ion Ratio Lower Upper
92 100
91 177.4 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 48.265 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015655.D
Acq: 20 Sep 2023 13:45

Tgt Ion: 95 Resp: 81319
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015655.D

Acq: 20 Sep 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-02(6-6.5)

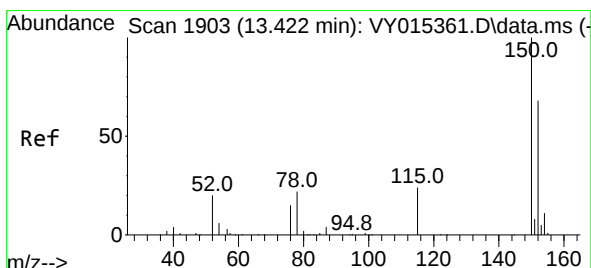
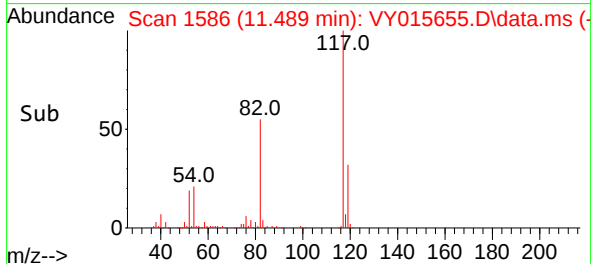
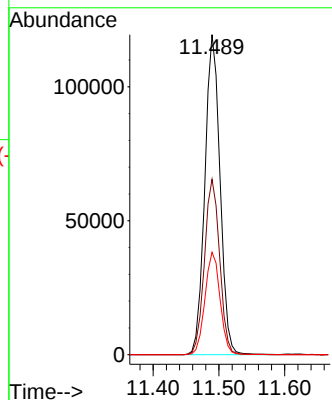
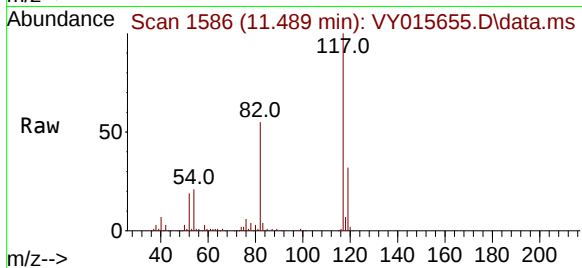
Tgt Ion:117 Resp: 191657

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.0 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: VY015655.D

Acq: 20 Sep 2023 13:45

Tgt Ion:152 Resp: 83144

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 158.9 0.0 348.8

