

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015544.D
 Acq On : 14 Sep 2023 19:25
 Operator : SY/MD
 Sample : 04397-07
 Misc : 3.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B103-03(10-10.5)

Quant Time: Sep 15 04:05:19 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)

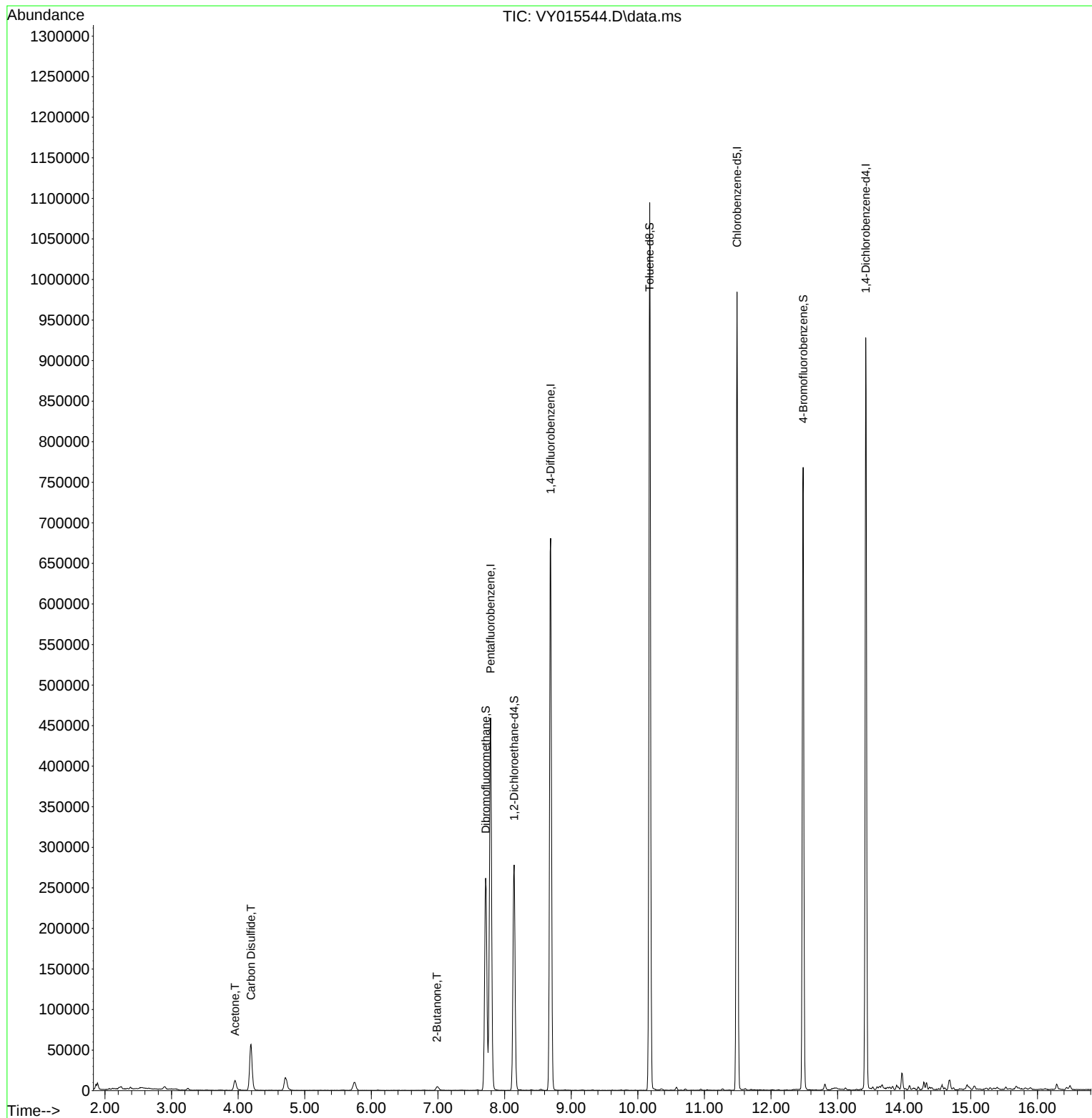
Internal Standards						
1) Pentafluorobenzene	7.789	168	358573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	594328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	528808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	234267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	219707	57.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.320%	
35) Dibromofluoromethane	7.716	113	184164	53.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.600%	
50) Toluene-d8	10.179	98	695416	56.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.200%	
62) 4-Bromofluorobenzene	12.483	95	230681	50.125	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.260%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	21998	13.711	ug/l	# 89
17) Carbon Disulfide	4.192	76	115691	10.857	ug/l	99
25) 2-Butanone	6.984	43	7296	3.206	ug/l	96

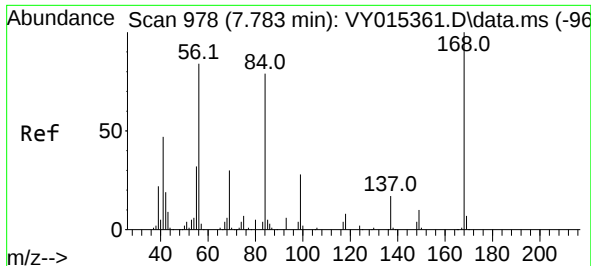
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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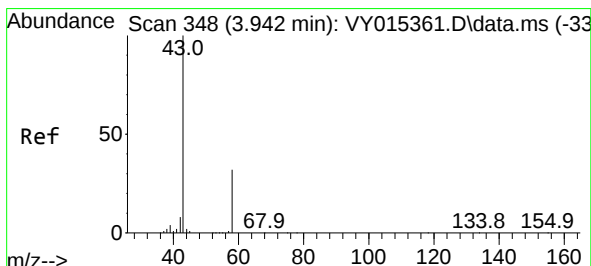
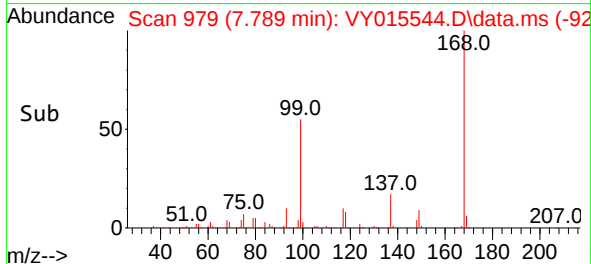
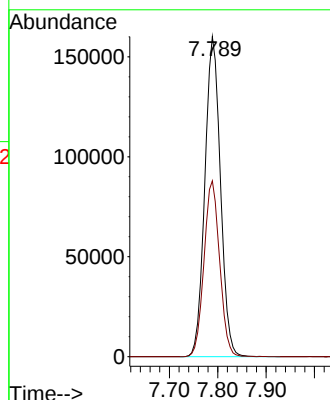
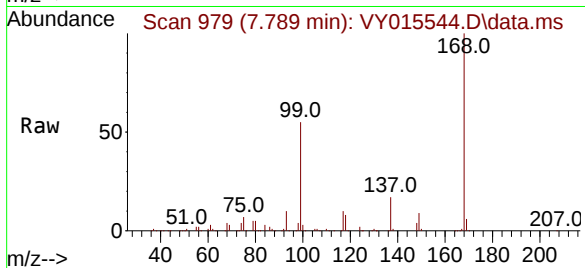




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015544.D
Acq: 14 Sep 2023 19:25

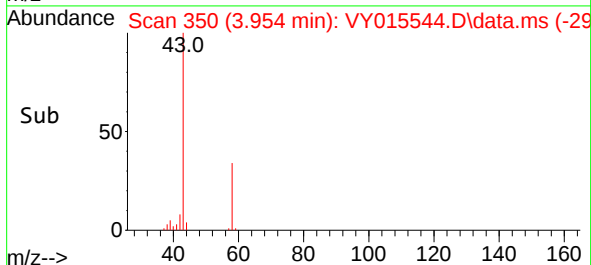
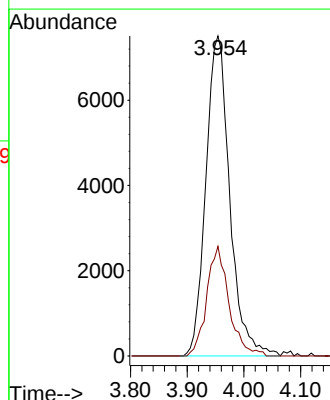
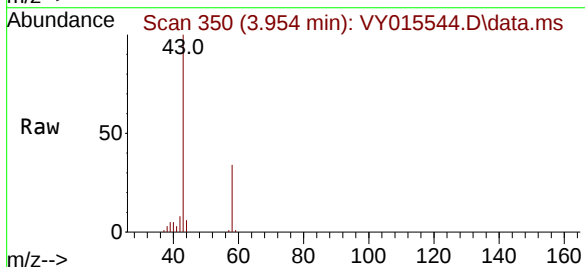
Instrument :
MSVOA_Y
ClientSampleId :
B103-03(10-10.5)

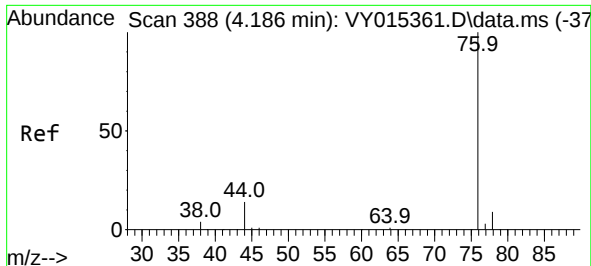
Tgt Ion:168 Resp: 358573
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#16
Acetone
Concen: 13.711 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015544.D
Acq: 14 Sep 2023 19:25

Tgt Ion: 43 Resp: 21998
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#





#17

Carbon Disulfide

Concen: 10.857 ug/l

RT: 4.192 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY015544.D

Acq: 14 Sep 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

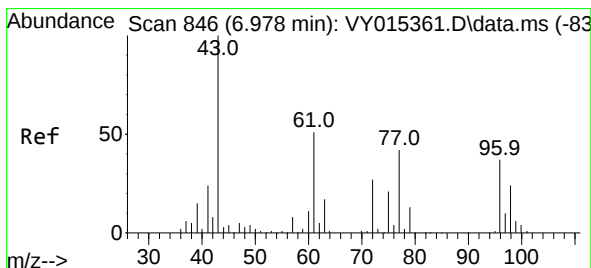
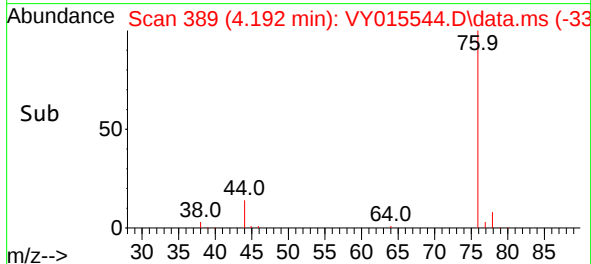
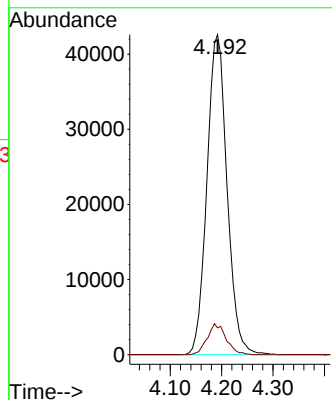
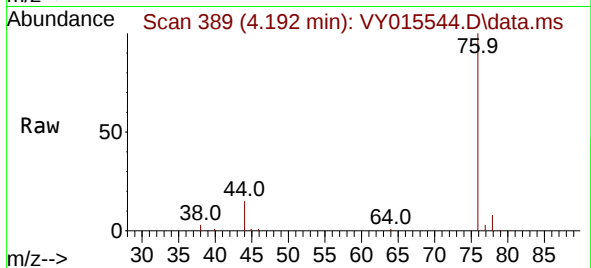
B103-03(10-10.5)

Tgt Ion: 76 Resp: 115691

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.4



#25

2-Butanone

Concen: 3.206 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015544.D

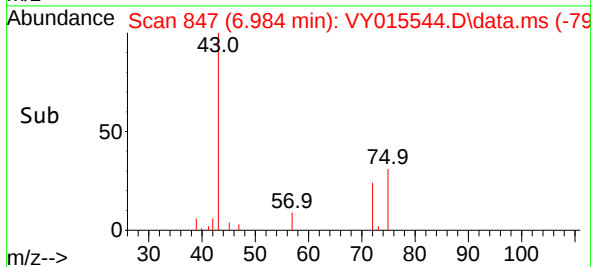
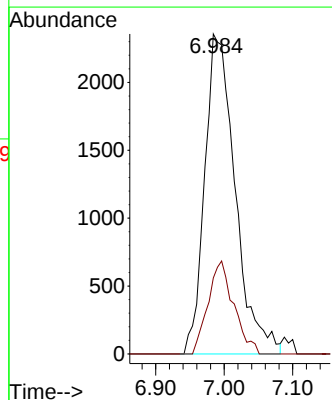
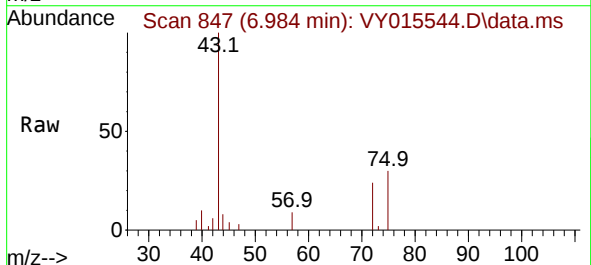
Acq: 14 Sep 2023 19:25

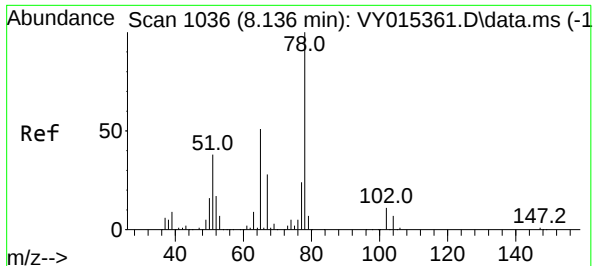
Tgt Ion: 43 Resp: 7296

Ion Ratio Lower Upper

43 100

72 23.8 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 57.158 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015544.D

Acq: 14 Sep 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

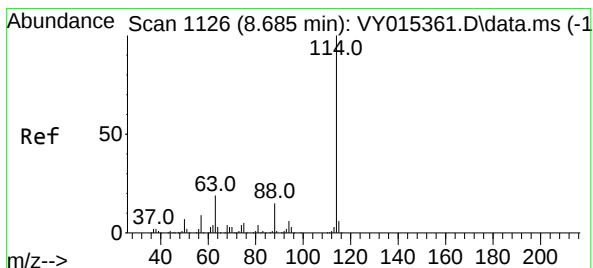
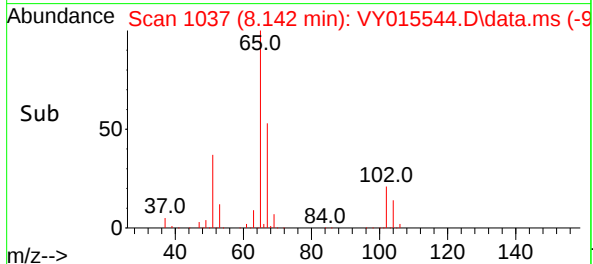
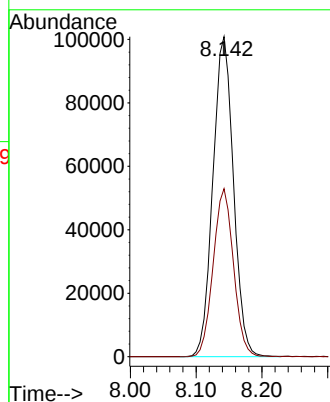
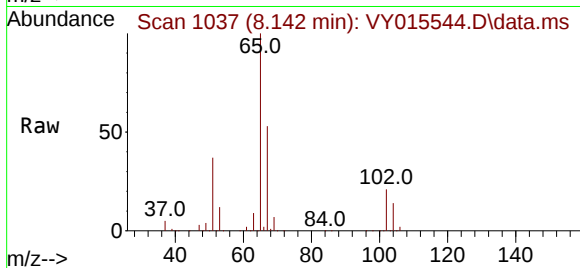
B103-03(10-10.5)

Tgt Ion: 65 Resp: 219707

Ion Ratio Lower Upper

65 100

67 51.9 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: VY015544.D

Acq: 14 Sep 2023 19:25

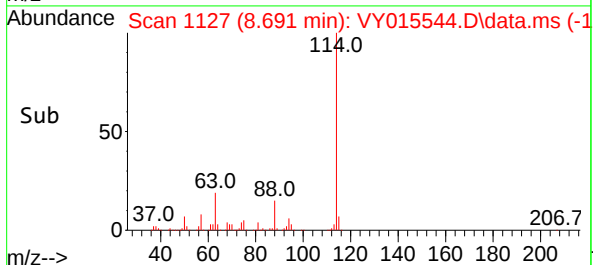
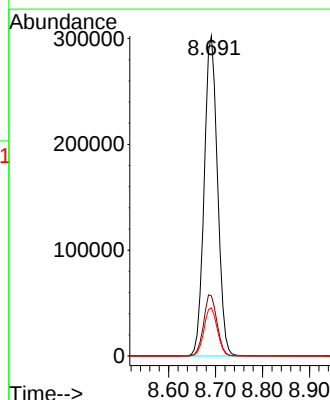
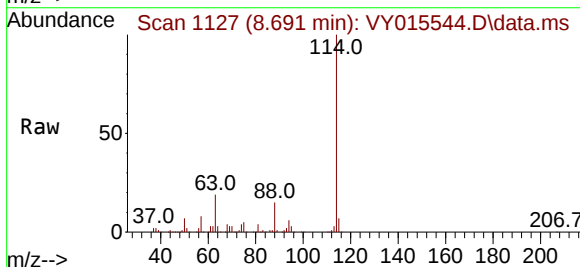
Tgt Ion: 114 Resp: 594328

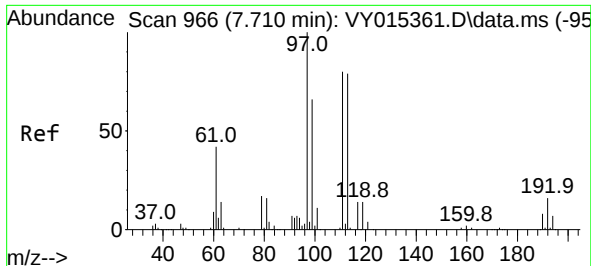
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.799 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015544.D

Acq: 14 Sep 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

B103-03(10-10.5)

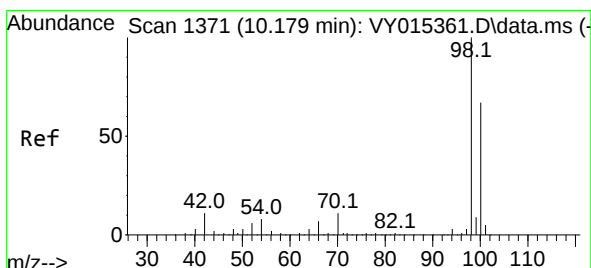
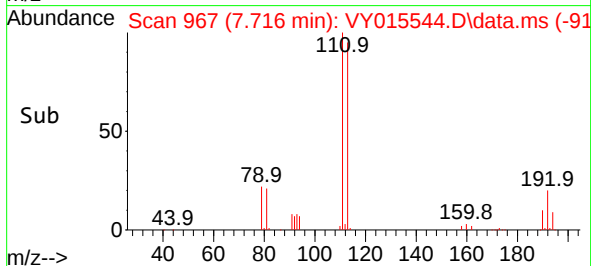
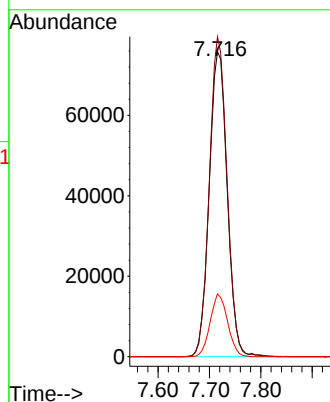
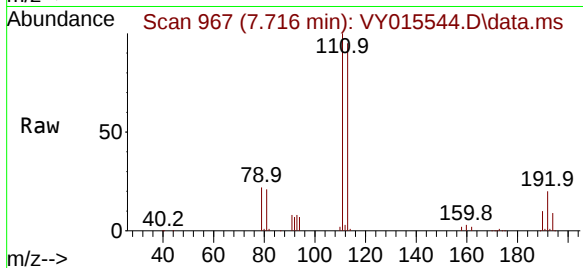
Tgt Ion:113 Resp: 184164

Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 19.9 16.9 25.3



#50

Toluene-d8

Concen: 56.097 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015544.D

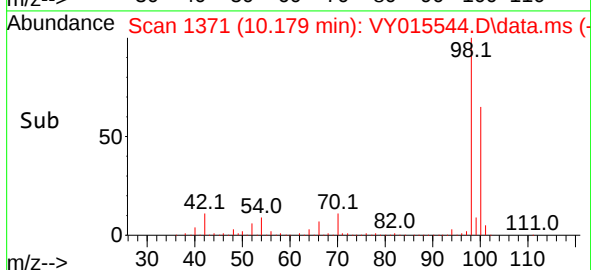
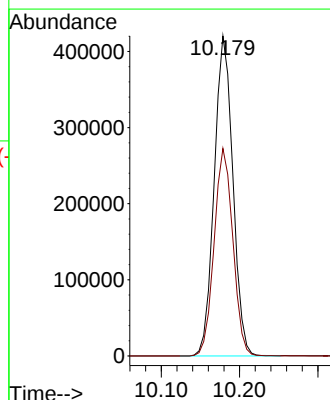
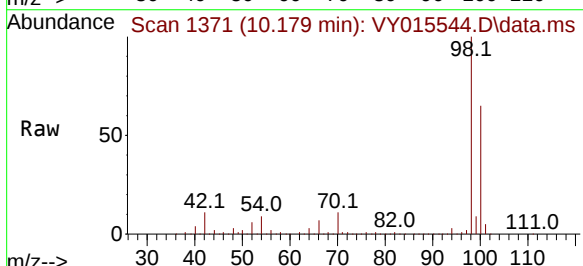
Acq: 14 Sep 2023 19:25

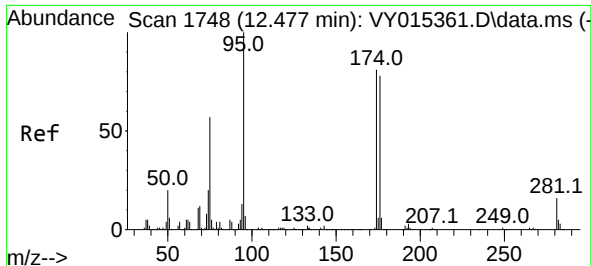
Tgt Ion: 98 Resp: 695416

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

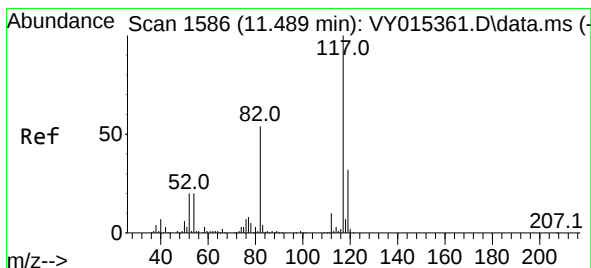
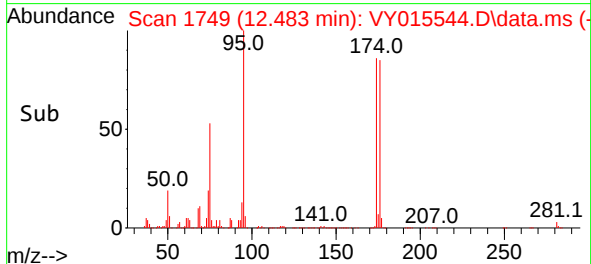
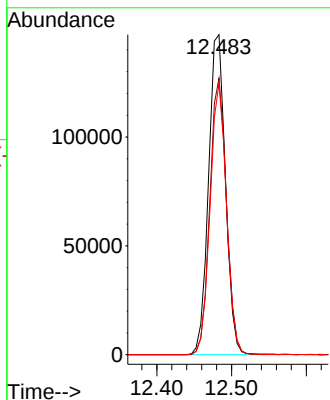
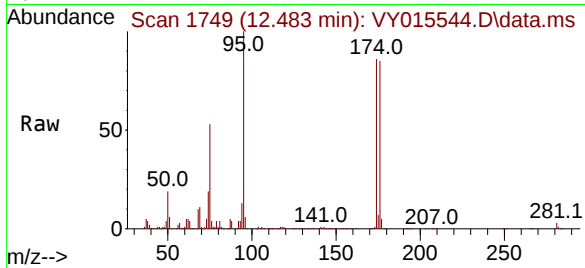




#62
4-Bromofluorobenzene
Concen: 50.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015544.D
Acq: 14 Sep 2023 19:25

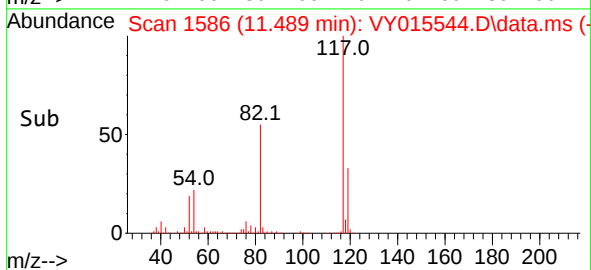
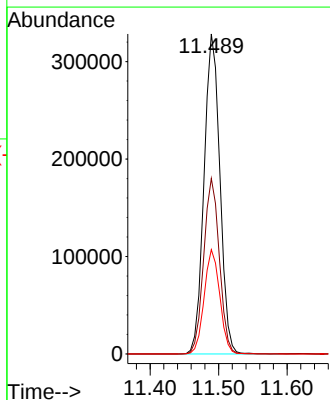
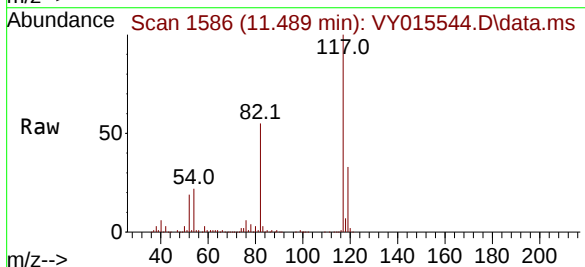
Instrument :
MSVOA_Y
ClientSampleId :
B103-03(10-10.5)

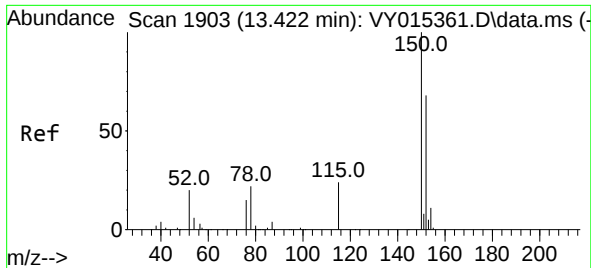
Tgt Ion: 95 Resp: 230681
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015544.D
Acq: 14 Sep 2023 19:25

Tgt Ion: 117 Resp: 528808
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.6 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: VY015544.D

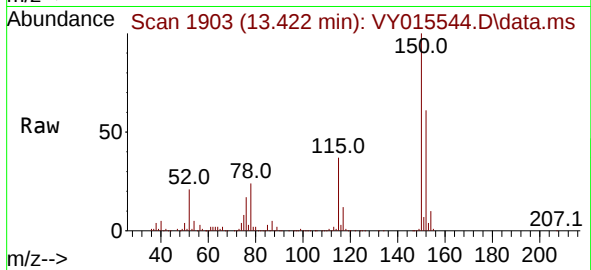
Acq: 14 Sep 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

B103-03(10-10.5)



Tgt Ion:152 Resp: 234267

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.6 0.0 348.8

