

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015525.D
 Acq On : 12 Sep 2023 22:08
 Operator : SY/MD
 Sample : 04397-07
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Sep 13 05:58:48 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)

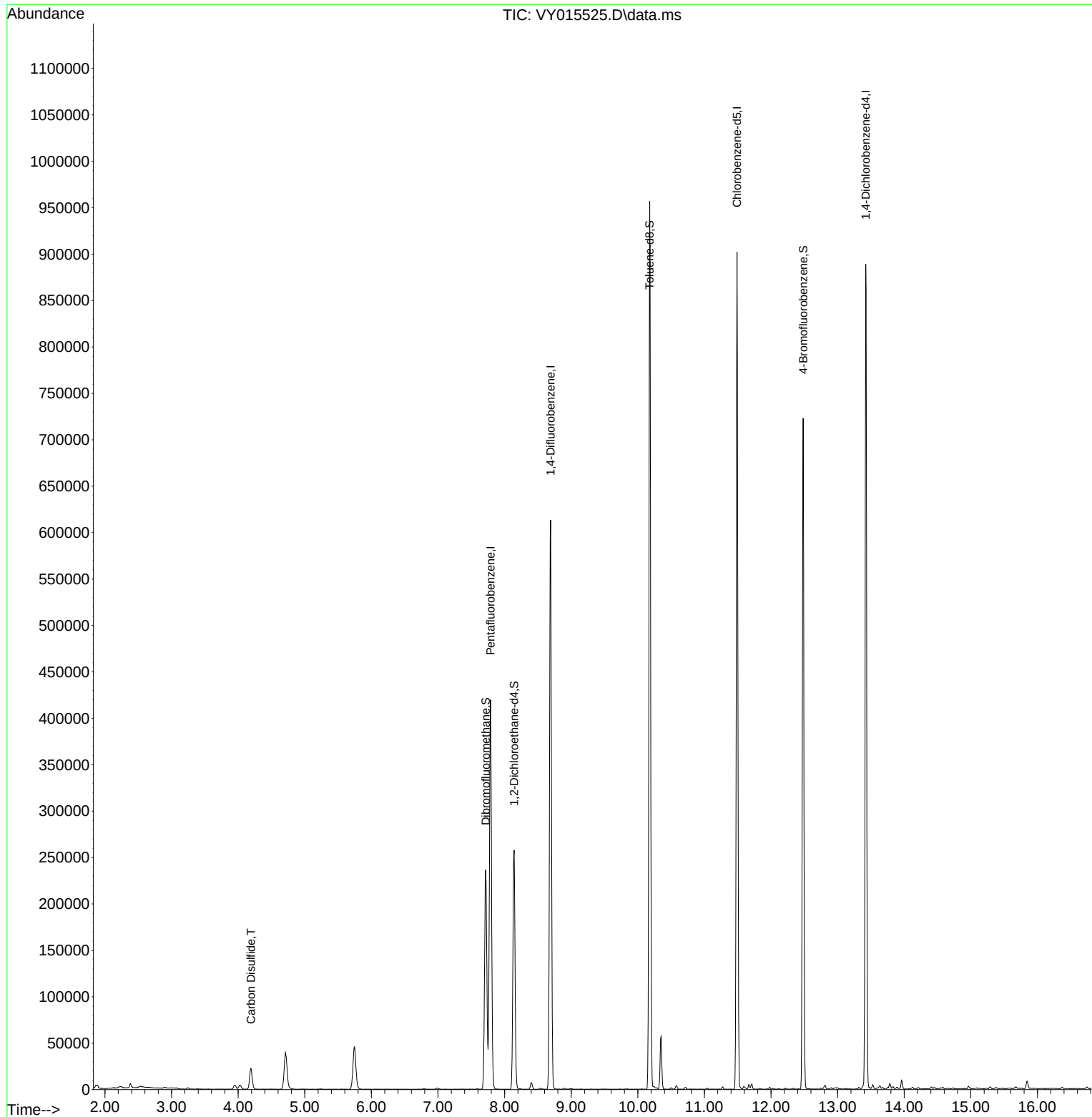
Internal Standards						
1) Pentafluorobenzene	7.789	168	322329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	534845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	483470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	204357	59.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.280%
35) Dibromofluoromethane	7.716	113	165868	53.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.680%
50) Toluene-d8	10.179	98	629357	56.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.820%
62) 4-Bromofluorobenzene	12.483	95	214751	51.853	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.700%
Target Compounds						
17) Carbon Disulfide	4.192	76	45990	4.801	ug/l	99

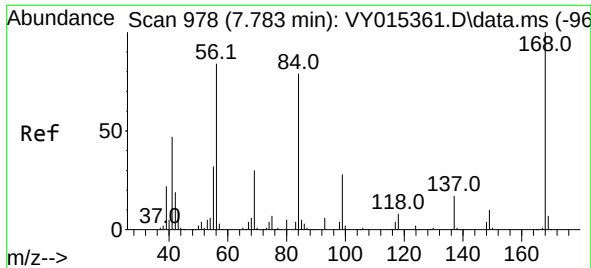
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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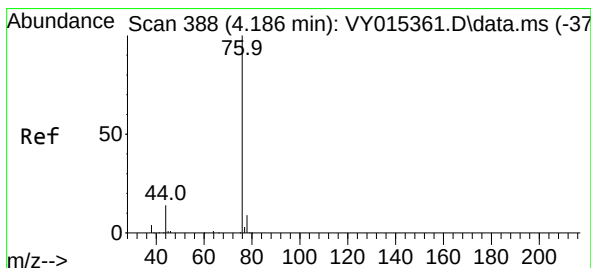
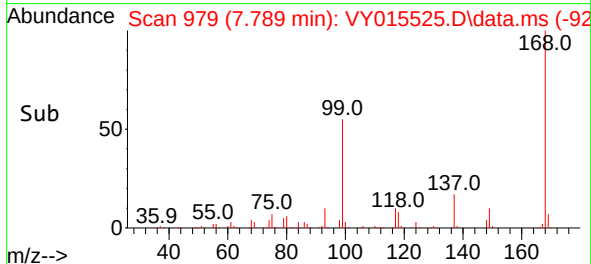
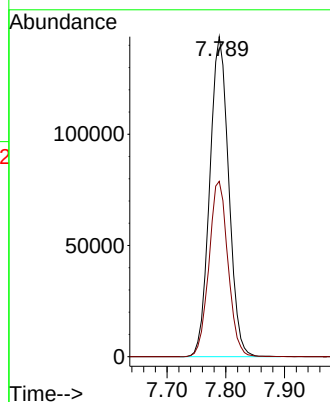
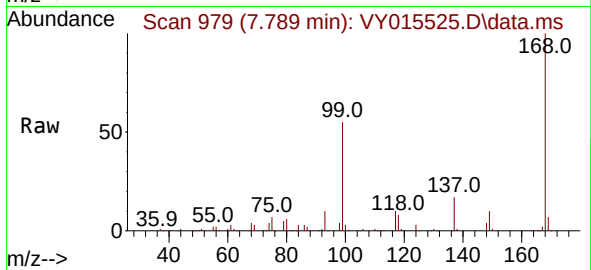




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

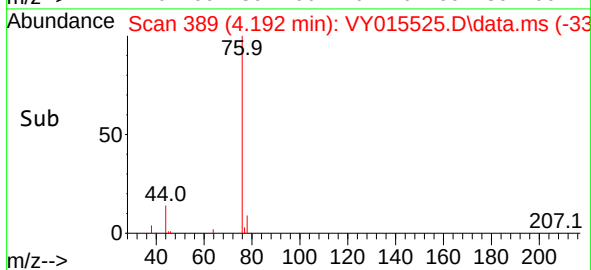
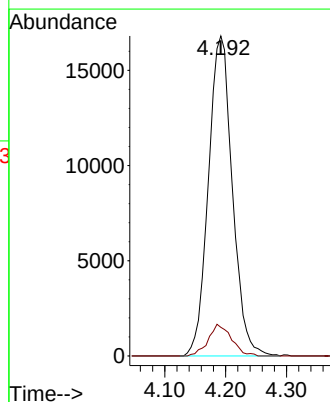
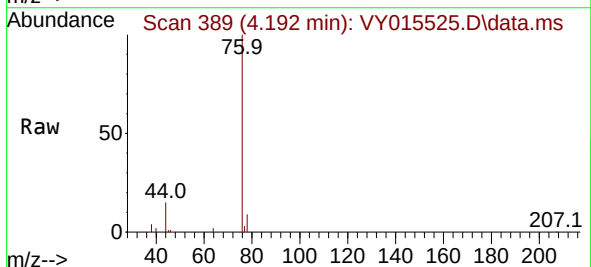
Instrument :
MSVOA_Y
ClientSampleId :
B103-03(10-10.5)

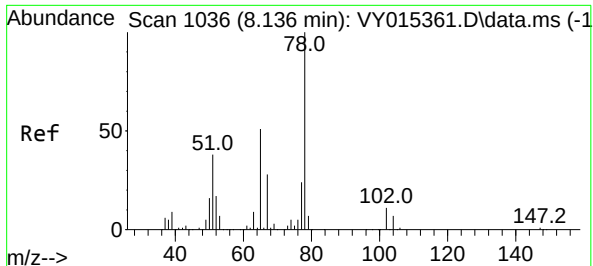
Tgt Ion:168 Resp: 322329
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#17
Carbon Disulfide
Concen: 4.801 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

Tgt Ion: 76 Resp: 45990
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4





#33

1,2-Dichloroethane-d4

Concen: 59.143 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015525.D

Acq: 12 Sep 2023 22:08

Instrument :

MSVOA_Y

ClientSampleId :

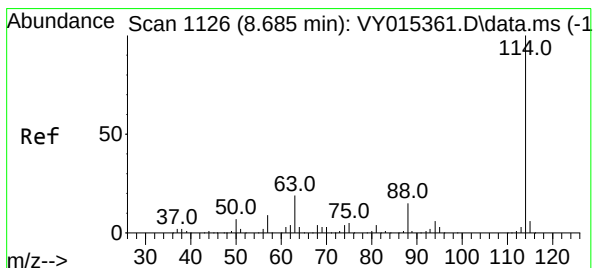
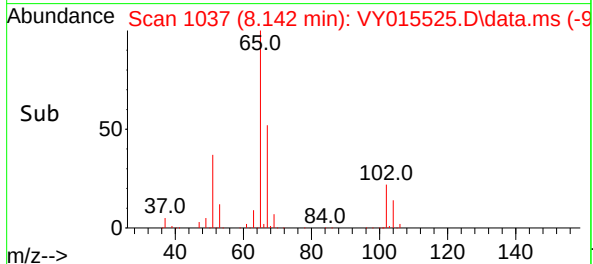
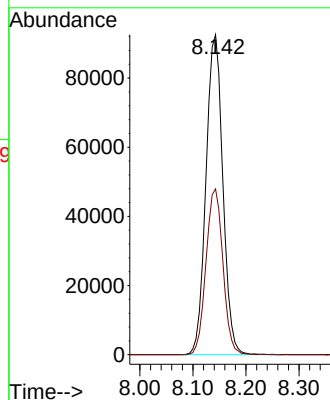
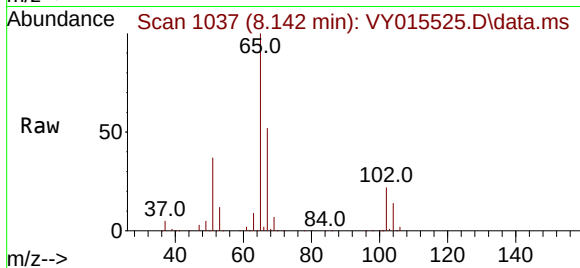
B103-03(10-10.5)

Tgt Ion: 65 Resp: 204357

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: VY015525.D

Acq: 12 Sep 2023 22:08

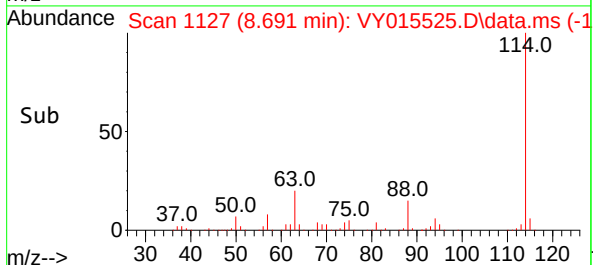
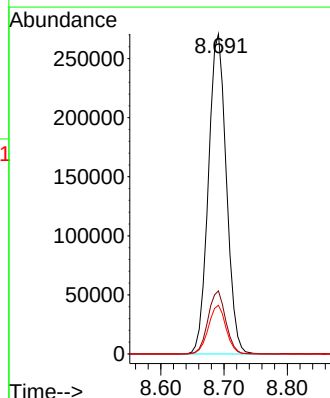
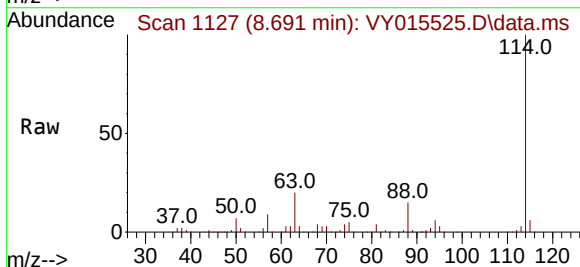
Tgt Ion: 114 Resp: 534845

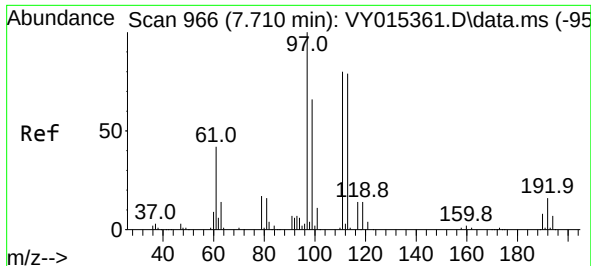
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6

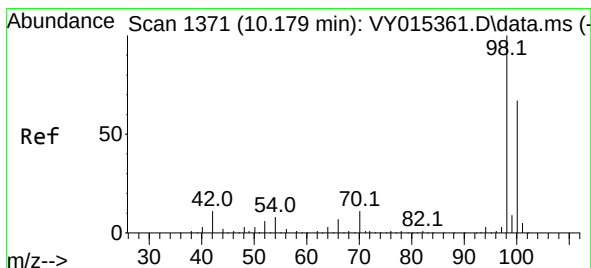
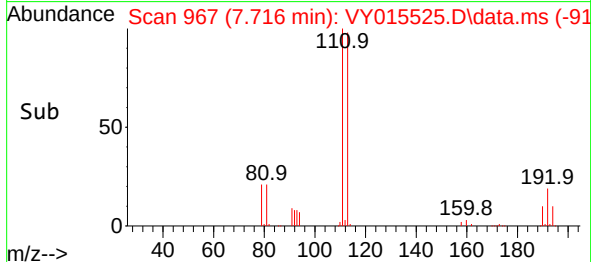
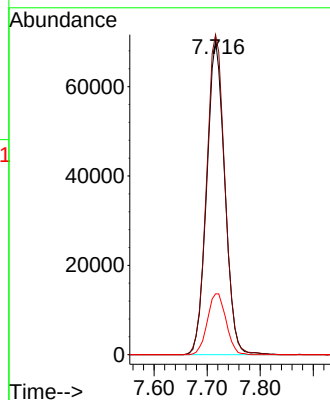
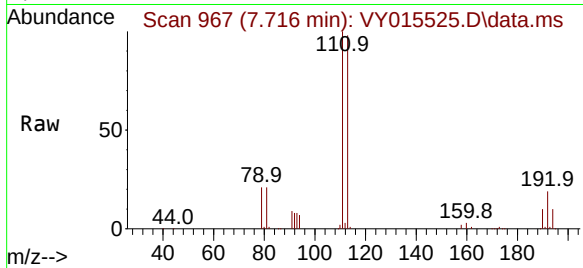




#35
Dibromofluoromethane
Concen: 53.843 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

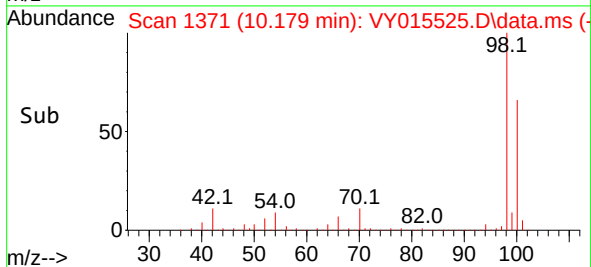
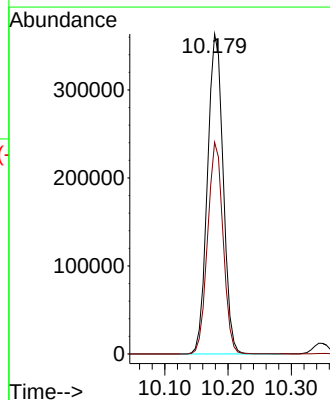
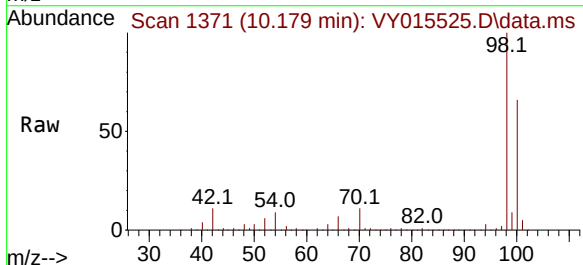
Instrument :
MSVOA_Y
ClientSampleId :
B103-03(10-10.5)

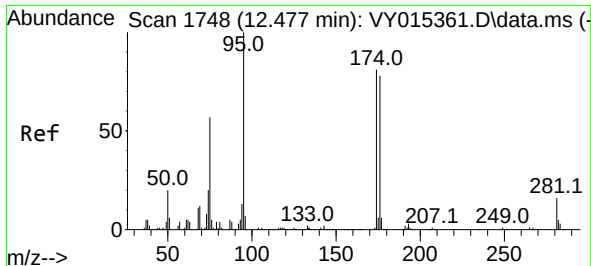
Tgt Ion:113 Resp: 165868
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 56.414 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

Tgt Ion: 98 Resp: 629357
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

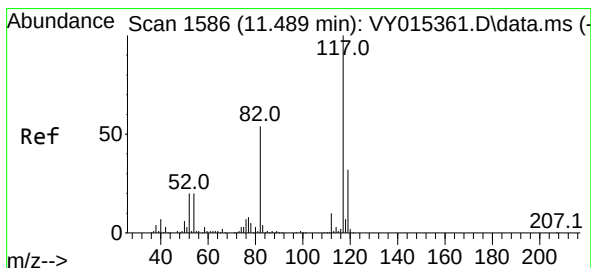
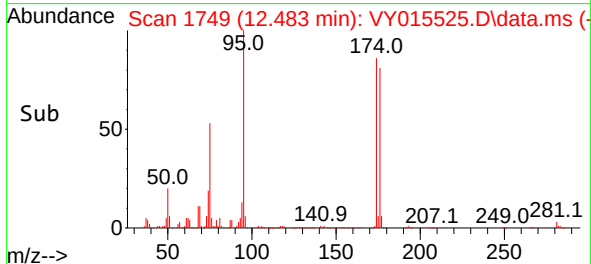
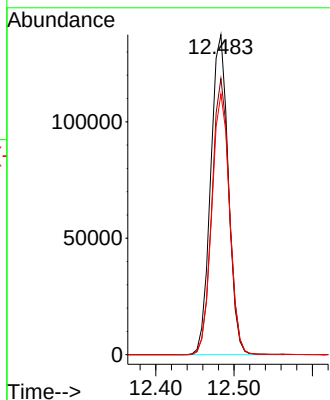
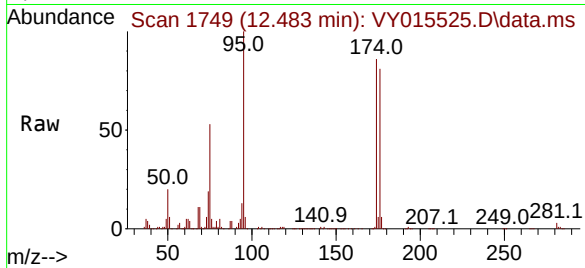




#62
4-Bromofluorobenzene
Concen: 51.853 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

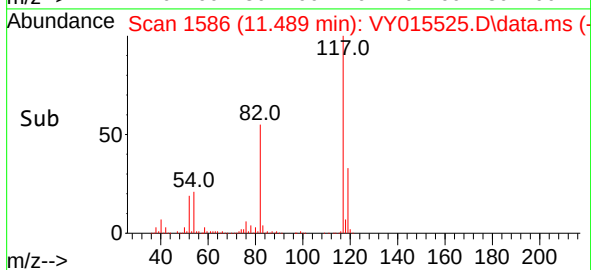
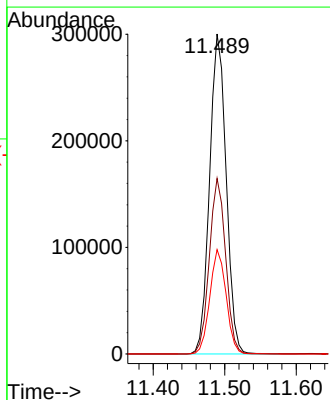
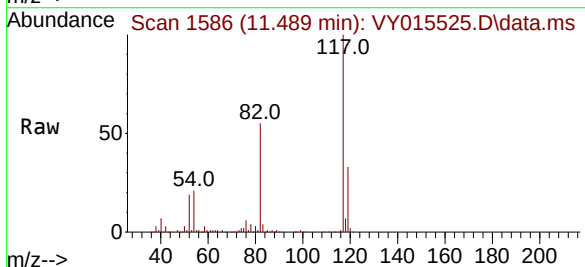
Instrument :
MSVOA_Y
ClientSampleId :
B103-03(10-10.5)

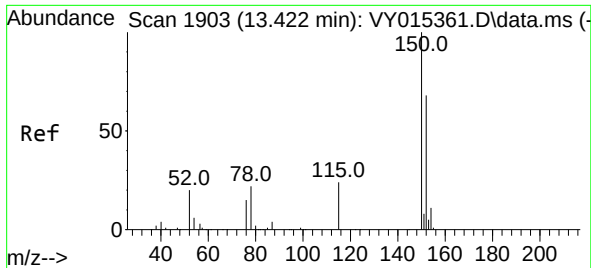
Tgt Ion: 95 Resp: 214751
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

Tgt Ion: 117 Resp: 483470
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: VY015525.D

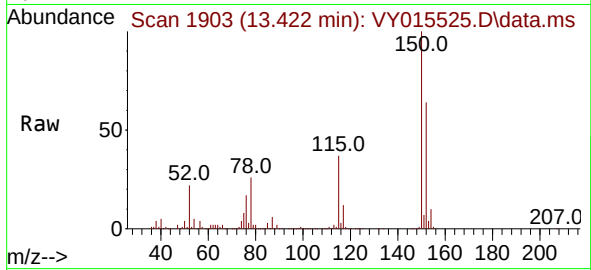
Acq: 12 Sep 2023 22:08

Instrument :

MSVOA_Y

ClientSampleId :

B103-03(10-10.5)



Tgt Ion:152 Resp: 228723

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.5 0.0 348.8

