

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015656.D
 Acq On : 20 Sep 2023 14:08
 Operator : SY/MD
 Sample : 04436-17
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B102-10(8.5-9)

Quant Time: Sep 21 03:40:57 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)

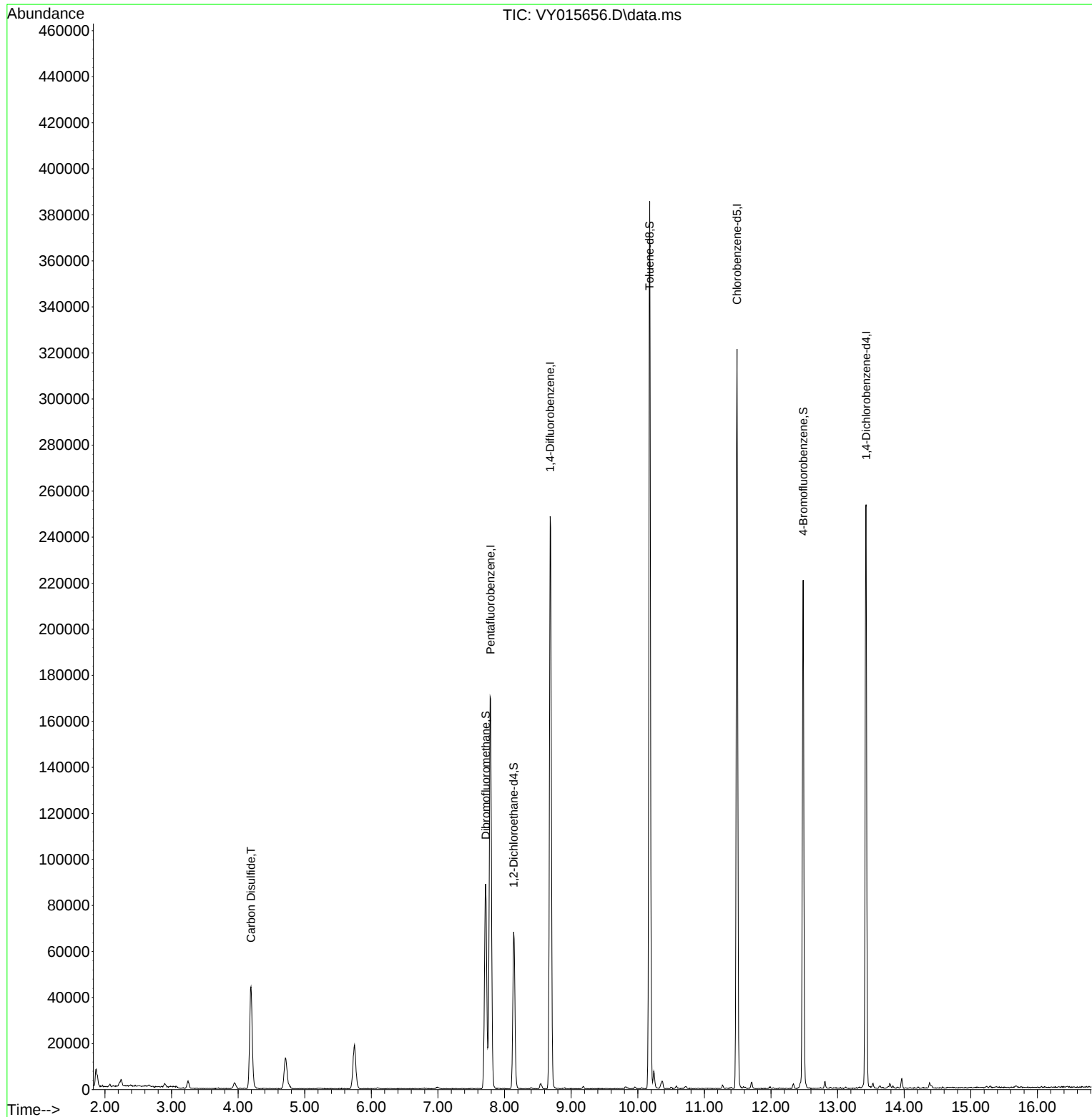
Internal Standards						
1) Pentafluorobenzene	7.789	168	133570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52786	35.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.840%
35) Dibromofluoromethane	7.716	113	62733	48.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.179	98	248809	57.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.040%
62) 4-Bromofluorobenzene	12.483	95	64531	37.687	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.380%
Target Compounds						
17) Carbon Disulfide	4.192	76	91500	40.082	ug/l	Qvalue 100

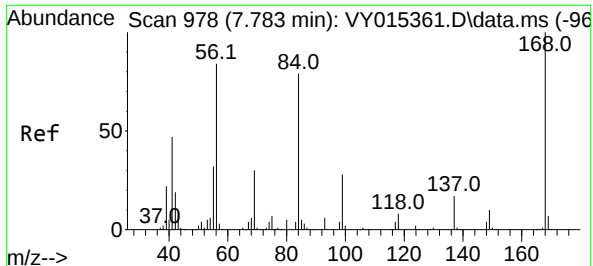
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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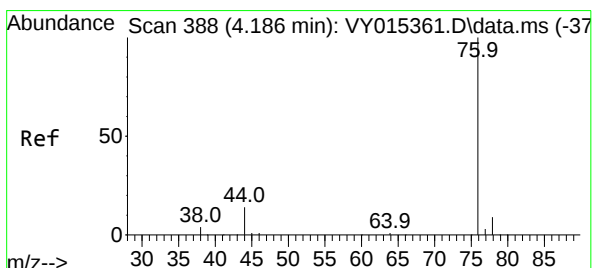
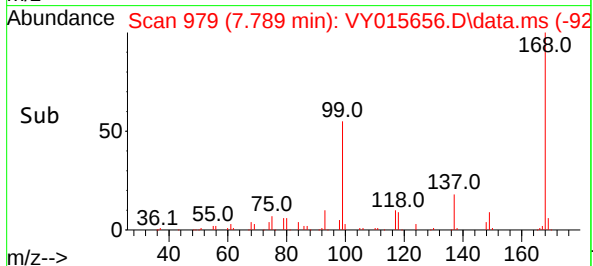
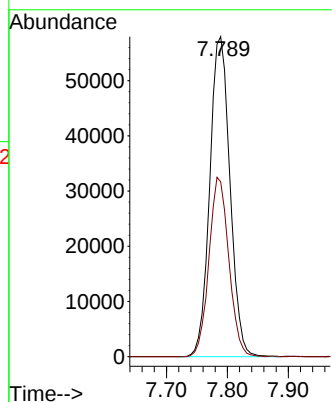
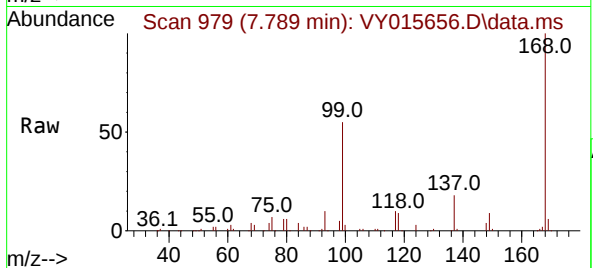




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

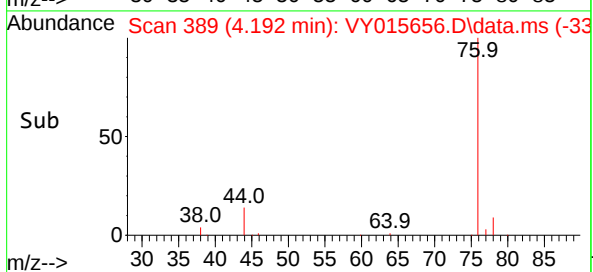
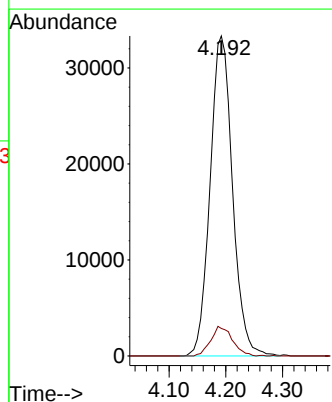
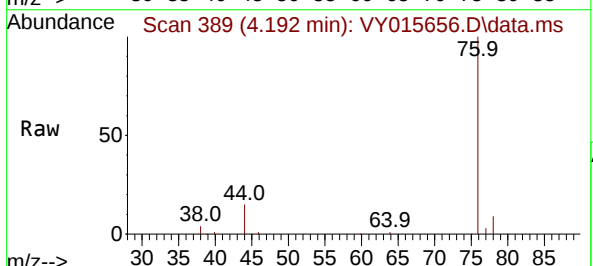
Instrument :
MSVOA_Y
ClientSampleId :
B102-10(8.5-9)

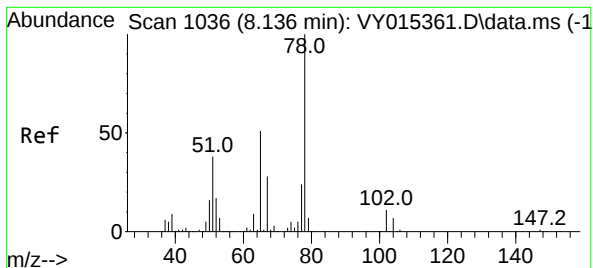
Tgt Ion:168 Resp: 133570
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#17
Carbon Disulfide
Concen: 40.082 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Tgt Ion: 76 Resp: 91500
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4





#33

1,2-Dichloroethane-d4

Concen: 35.918 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY015656.D

Acq: 20 Sep 2023 14:08

Instrument :

MSVOA_Y

ClientSampleId :

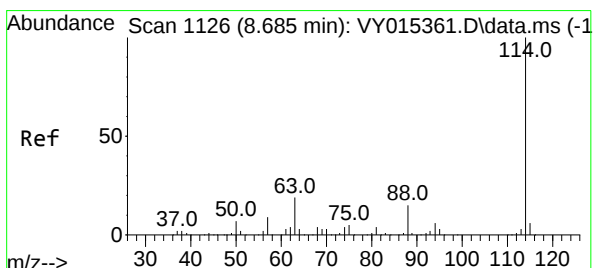
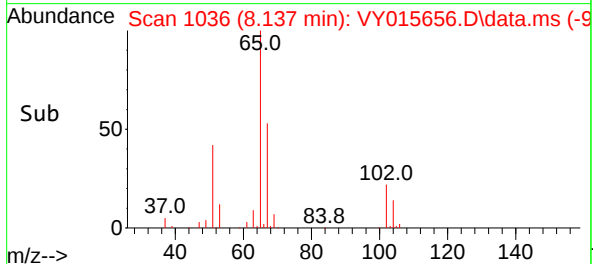
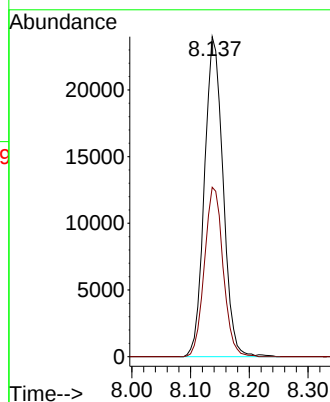
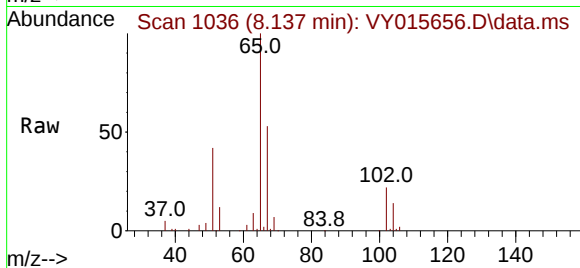
B102-10(8.5-9)

Tgt Ion: 65 Resp: 52786

Ion Ratio Lower Upper

65 100

67 53.2 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: VY015656.D

Acq: 20 Sep 2023 14:08

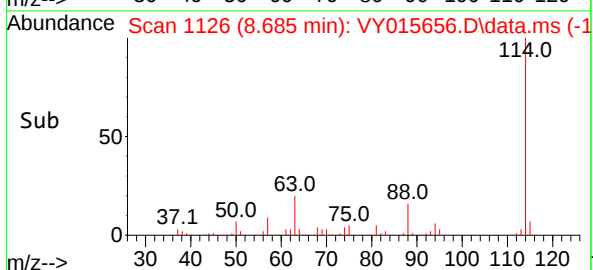
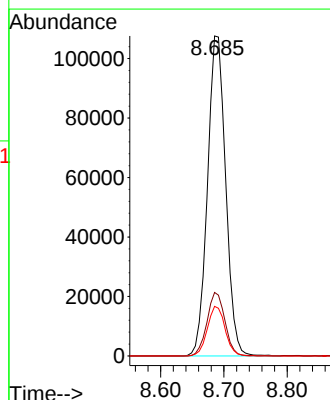
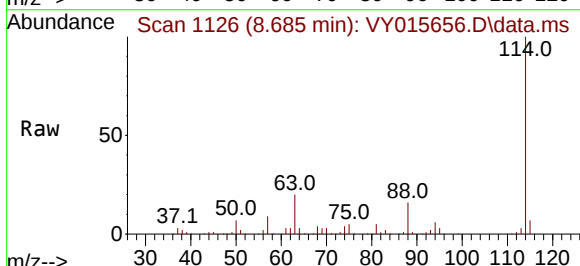
Tgt Ion: 114 Resp: 215002

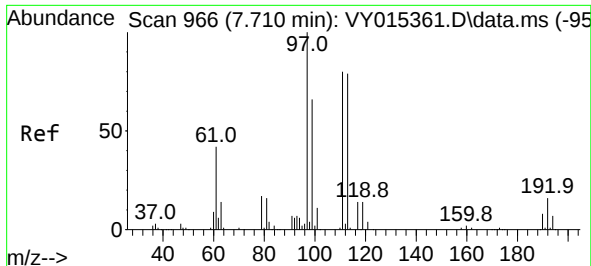
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.5 0.0 30.6

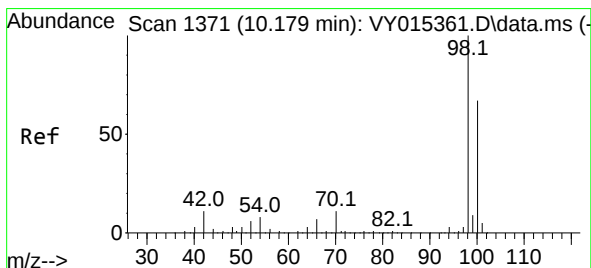
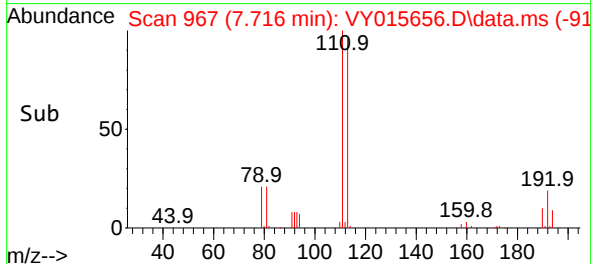
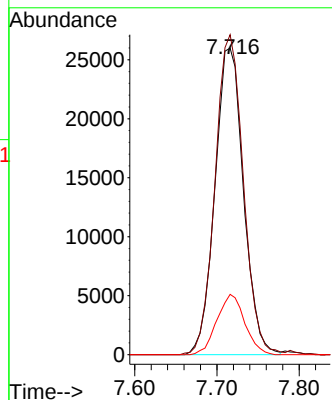
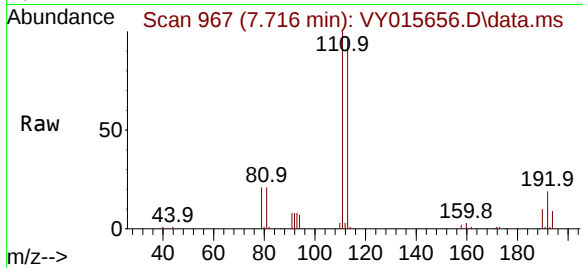




#35
Dibromofluoromethane
Concen: 48.749 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

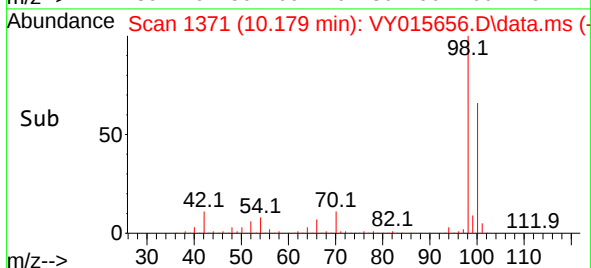
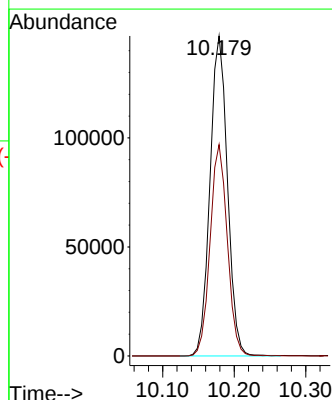
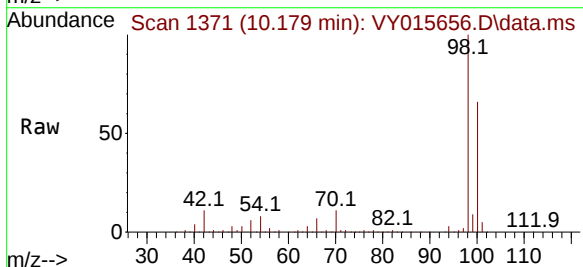
Instrument :
MSVOA_Y
ClientSampleId :
B102-10(8.5-9)

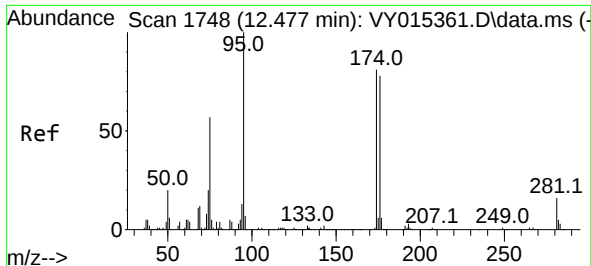
Tgt Ion:113 Resp: 62733
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 57.023 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Tgt Ion: 98 Resp: 248809
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

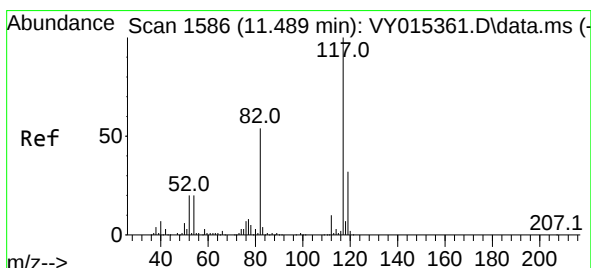
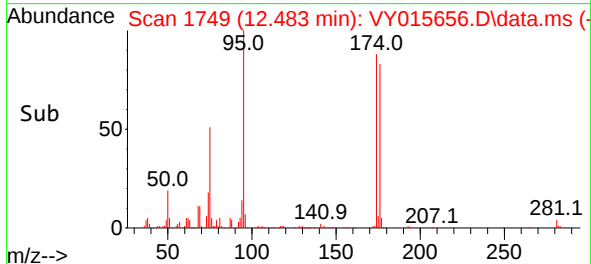
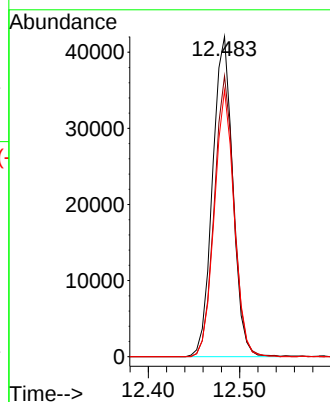
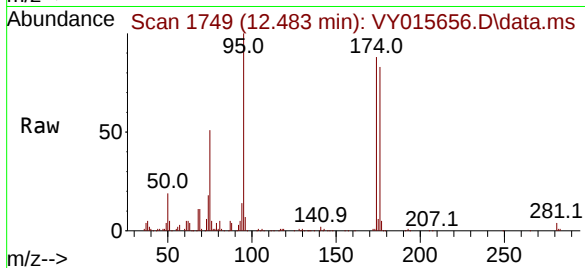




#62
4-Bromofluorobenzene
Concen: 37.687 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

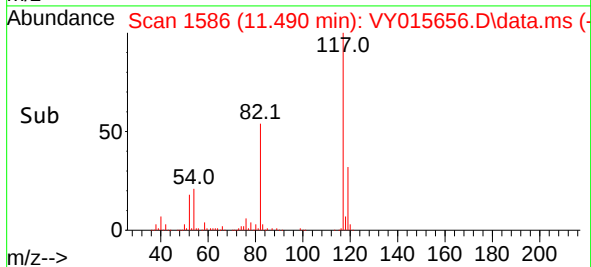
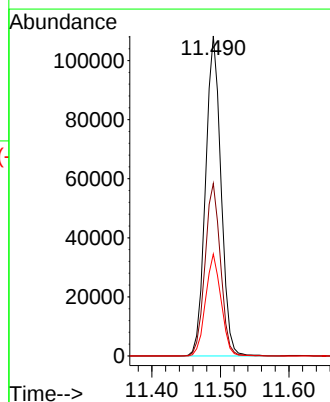
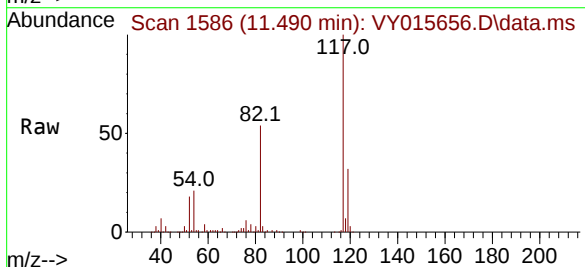
Instrument :
MSVOA_Y
ClientSampleId :
B102-10(8.5-9)

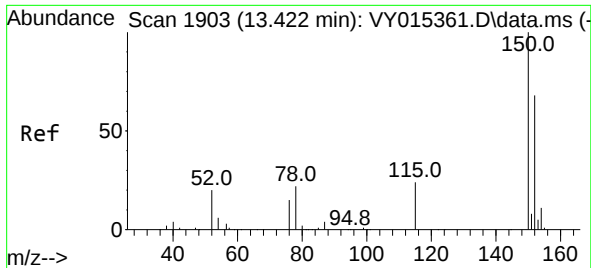
Tgt Ion: 95 Resp: 64531
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 81.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015656.D
Acq: 20 Sep 2023 14:08

Tgt Ion: 117 Resp: 170020
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.9 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: VY015656.D

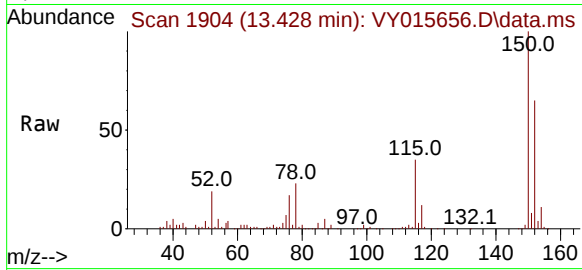
Acq: 20 Sep 2023 14:08

Instrument :

MSVOA_Y

ClientSampleId :

B102-10(8.5-9)



Tgt Ion:152 Resp: 63831

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 156.9 0.0 348.8

