

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015170.D
 Acq On : 17 Aug 2023 14:30
 Operator : SY/MD
 Sample : 04046-02
 Misc : 2.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06(0-5)

Quant Time: Aug 18 00:53:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

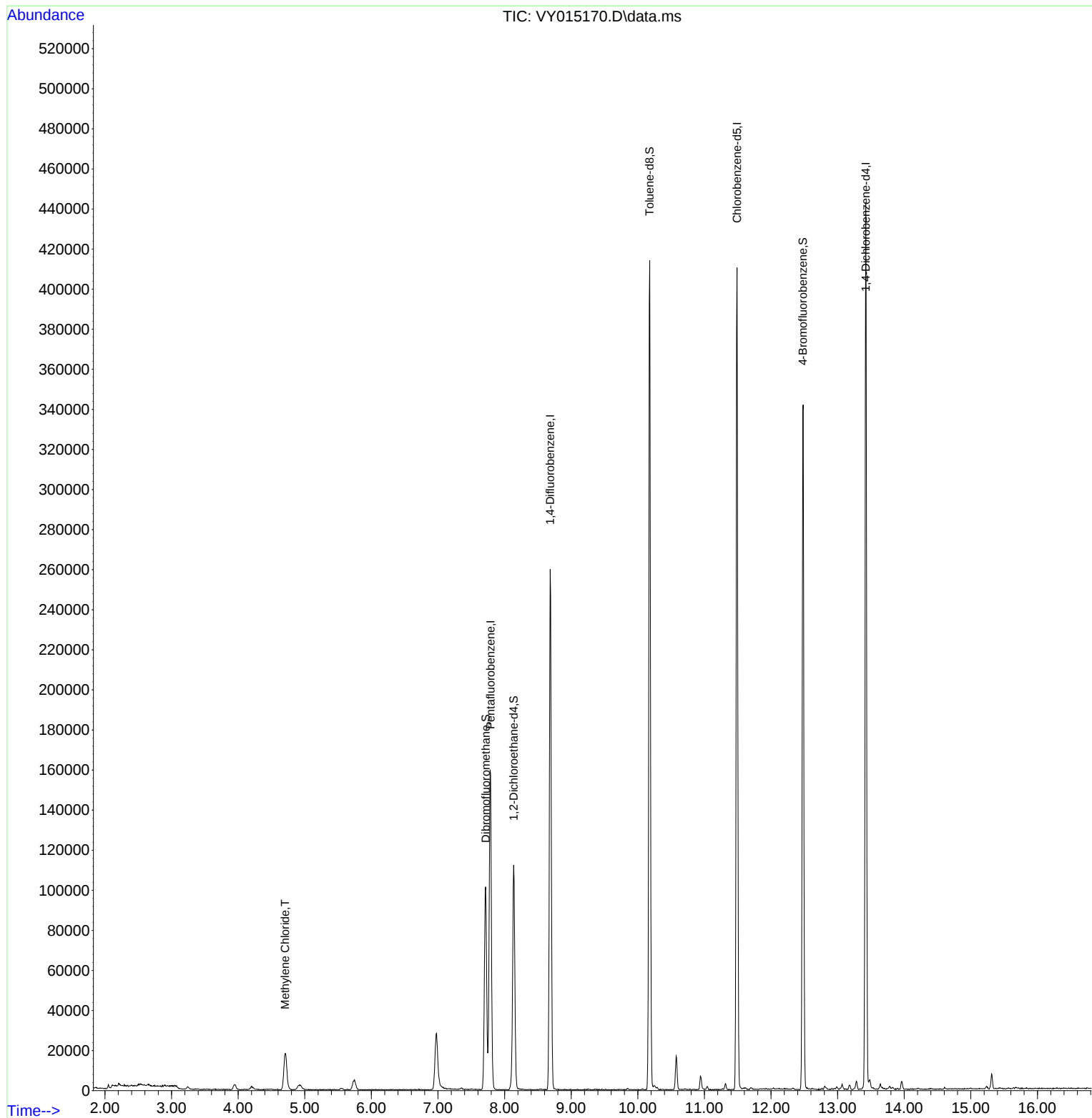
Internal Standards						
1) Pentafluorobenzene	7.789	168	123865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	221275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85850	57.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.480%
35) Dibromofluoromethane	7.716	113	71784	49.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.179	98	269080	50.321	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.477	95	101909	52.179	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	13873	8.310	ug/l	92

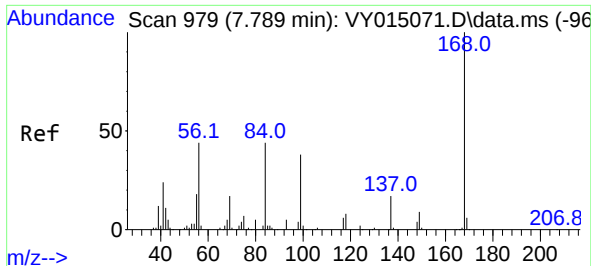
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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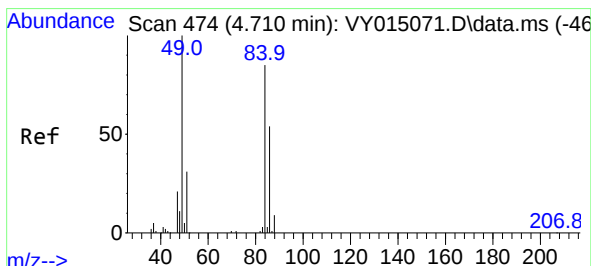
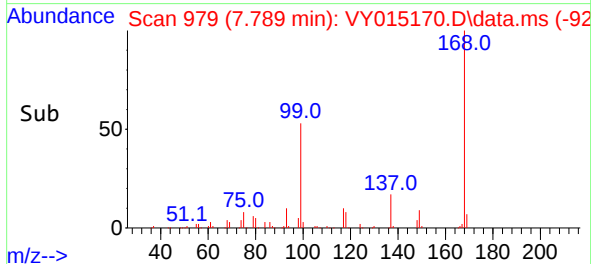
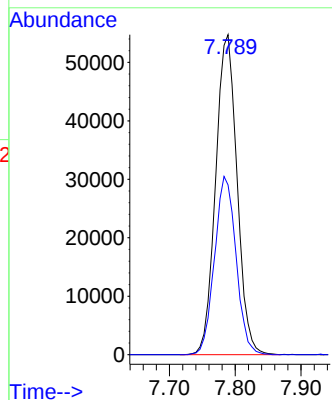
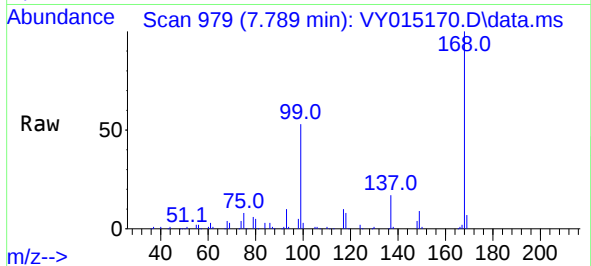




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015170.D
Acq: 17 Aug 2023 14:30

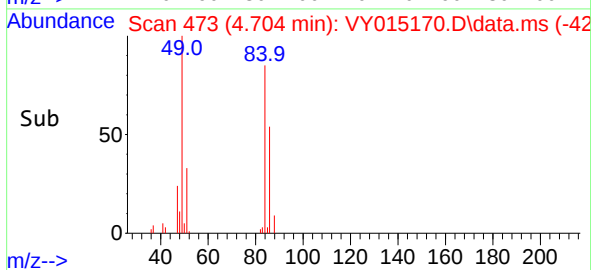
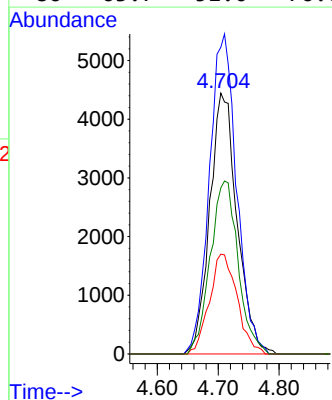
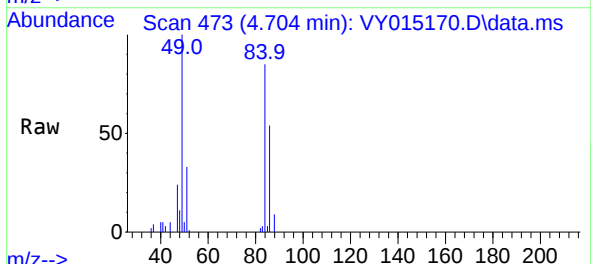
Instrument :
MSVOA_Y
ClientSampleId :
SB-06(0-5)

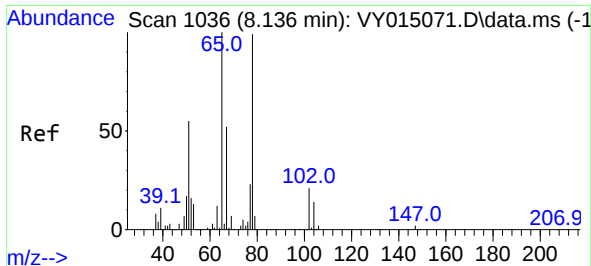
Tgt Ion:168 Resp: 123865
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#20
Methylene Chloride
Concen: 8.310 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015170.D
Acq: 17 Aug 2023 14:30

Tgt Ion: 84 Resp: 13873
Ion Ratio Lower Upper
84 100
49 117.6 106.9 160.3
51 38.3 33.2 49.8
86 63.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.738 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015170.D

Acq: 17 Aug 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

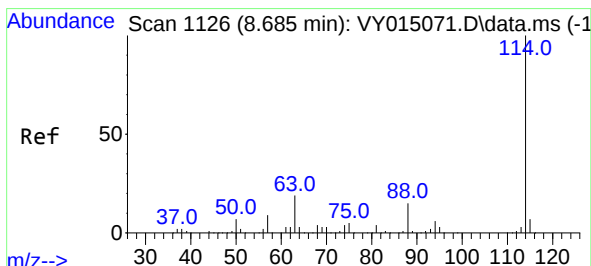
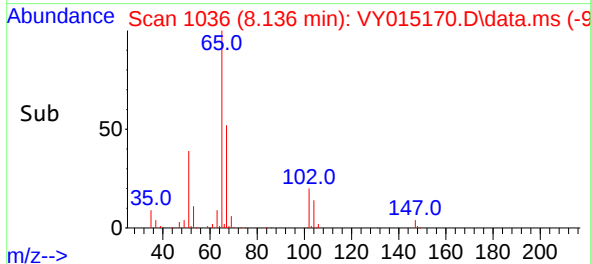
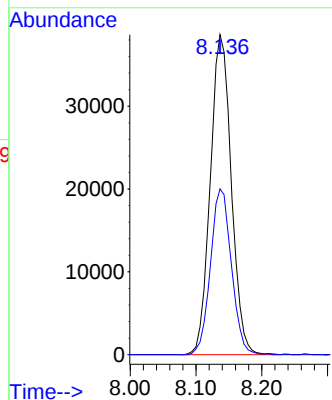
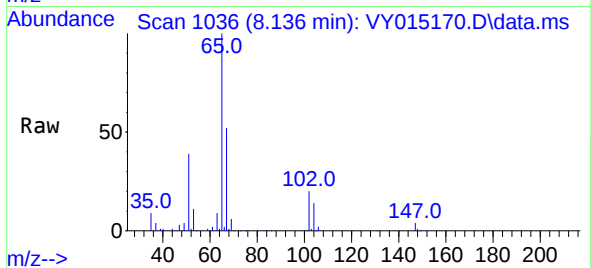
SB-06(0-5)

Tgt Ion: 65 Resp: 85850

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015170.D

Acq: 17 Aug 2023 14:30

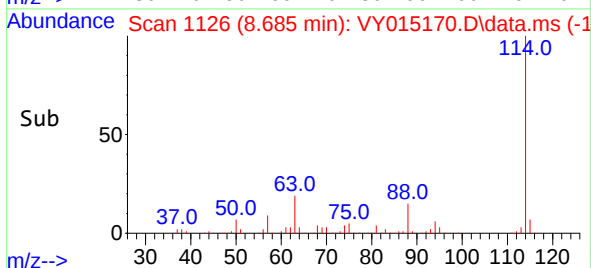
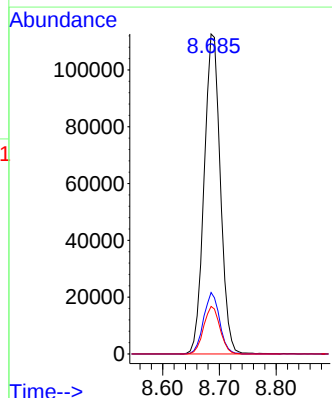
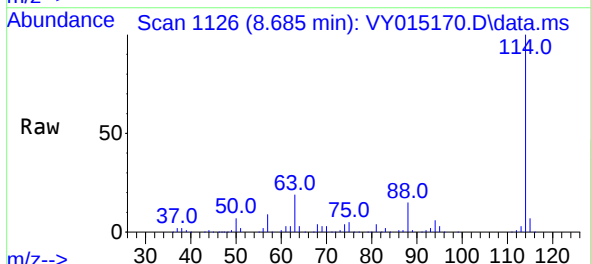
Tgt Ion: 114 Resp: 223281

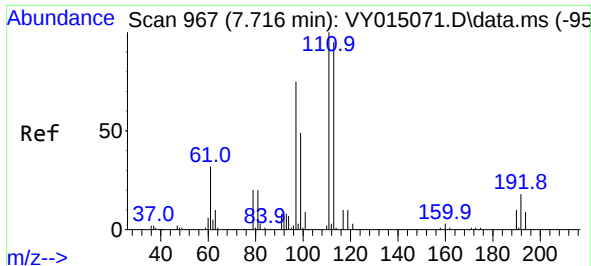
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.8 0.0 30.6

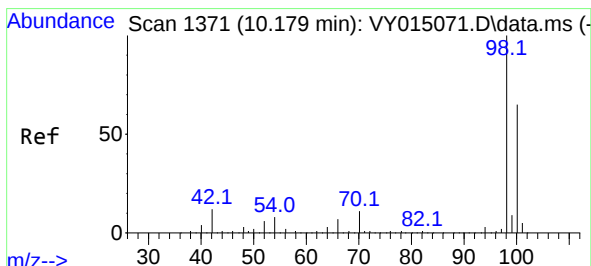
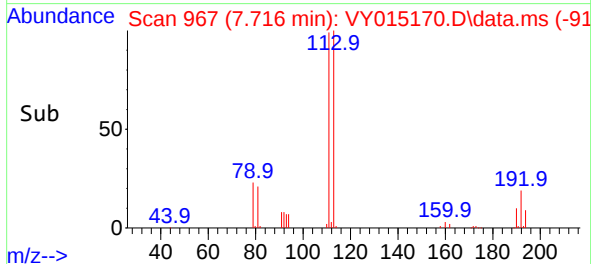
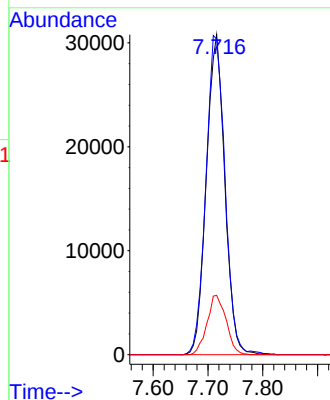
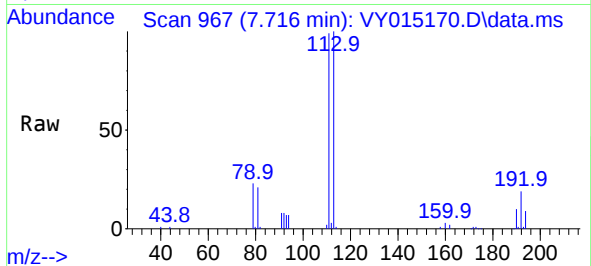




#35
Dibromofluoromethane
Concen: 49.973 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015170.D
Acq: 17 Aug 2023 14:30

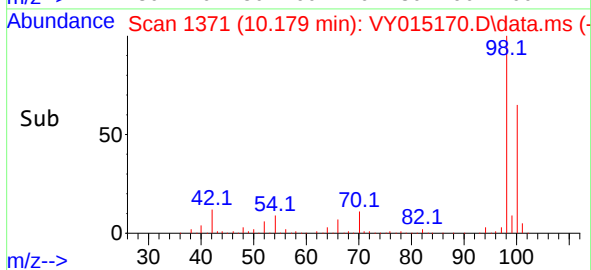
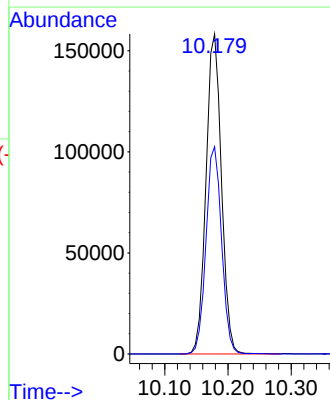
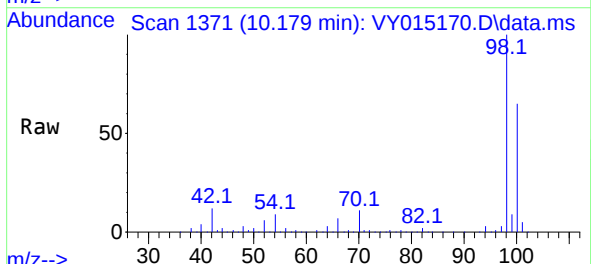
Instrument :
MSVOA_Y
ClientSampleId :
SB-06(0-5)

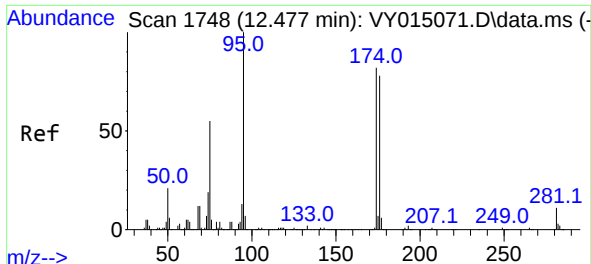
Tgt Ion:113 Resp: 71784
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 50.321 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015170.D
Acq: 17 Aug 2023 14:30

Tgt Ion: 98 Resp: 269080
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

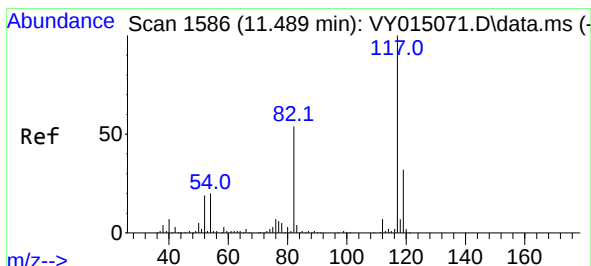
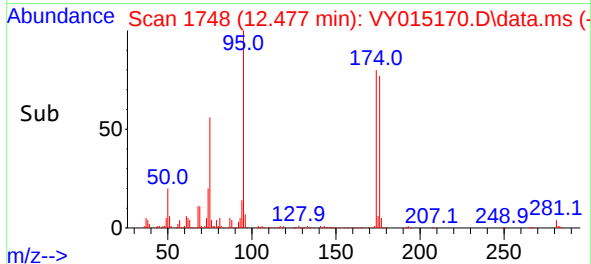
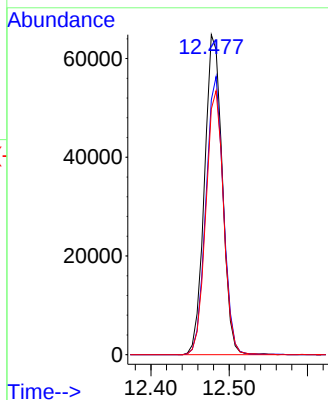
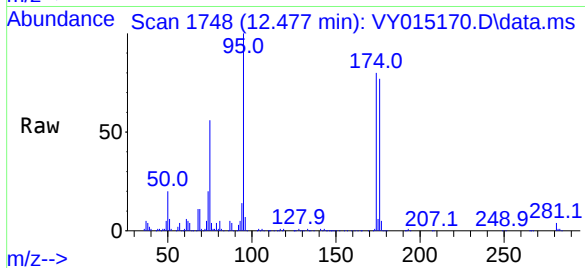




#62
4-Bromofluorobenzene
Concen: 52.179 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015170.D
Acq: 17 Aug 2023 14:30

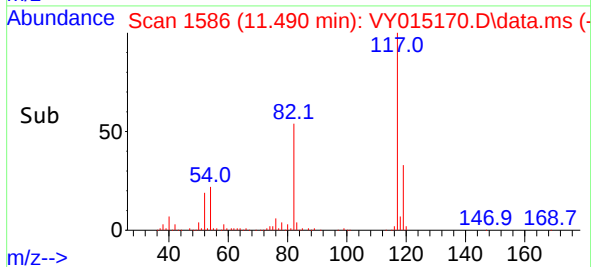
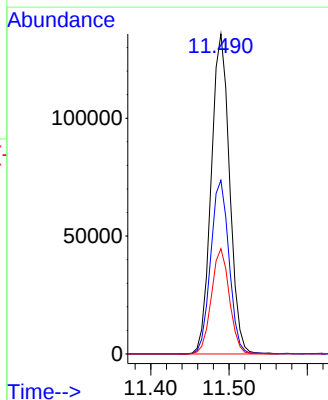
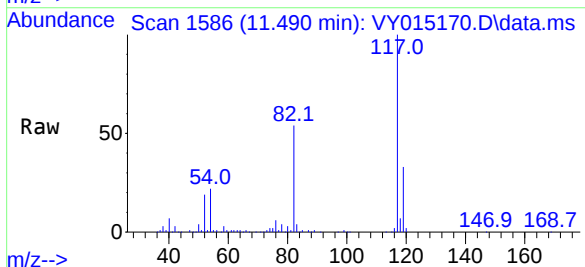
Instrument :
MSVOA_Y
ClientSampleId :
SB-06(0-5)

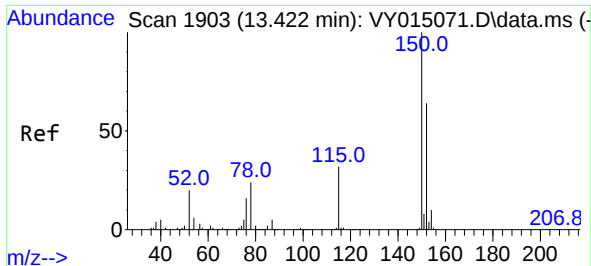
Tgt Ion: 95 Resp: 101909
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015170.D
Acq: 17 Aug 2023 14:30

Tgt Ion:117 Resp: 221275
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.9 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: VY015170.D

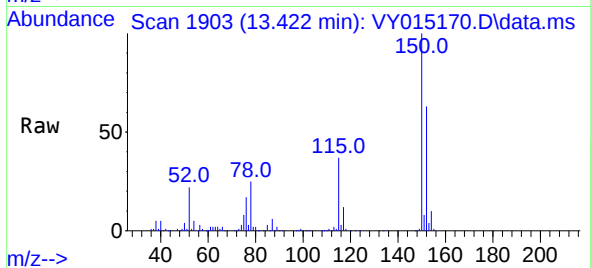
Acq: 17 Aug 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-06(0-5)



Tgt Ion:152 Resp: 112172

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.3 0.0 348.8

