

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013181.D
 Acq On : 03 Apr 2023 17:19
 Operator : KP/MD
 Sample : 02165-06
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6B

Quant Time: Apr 03 23:11:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

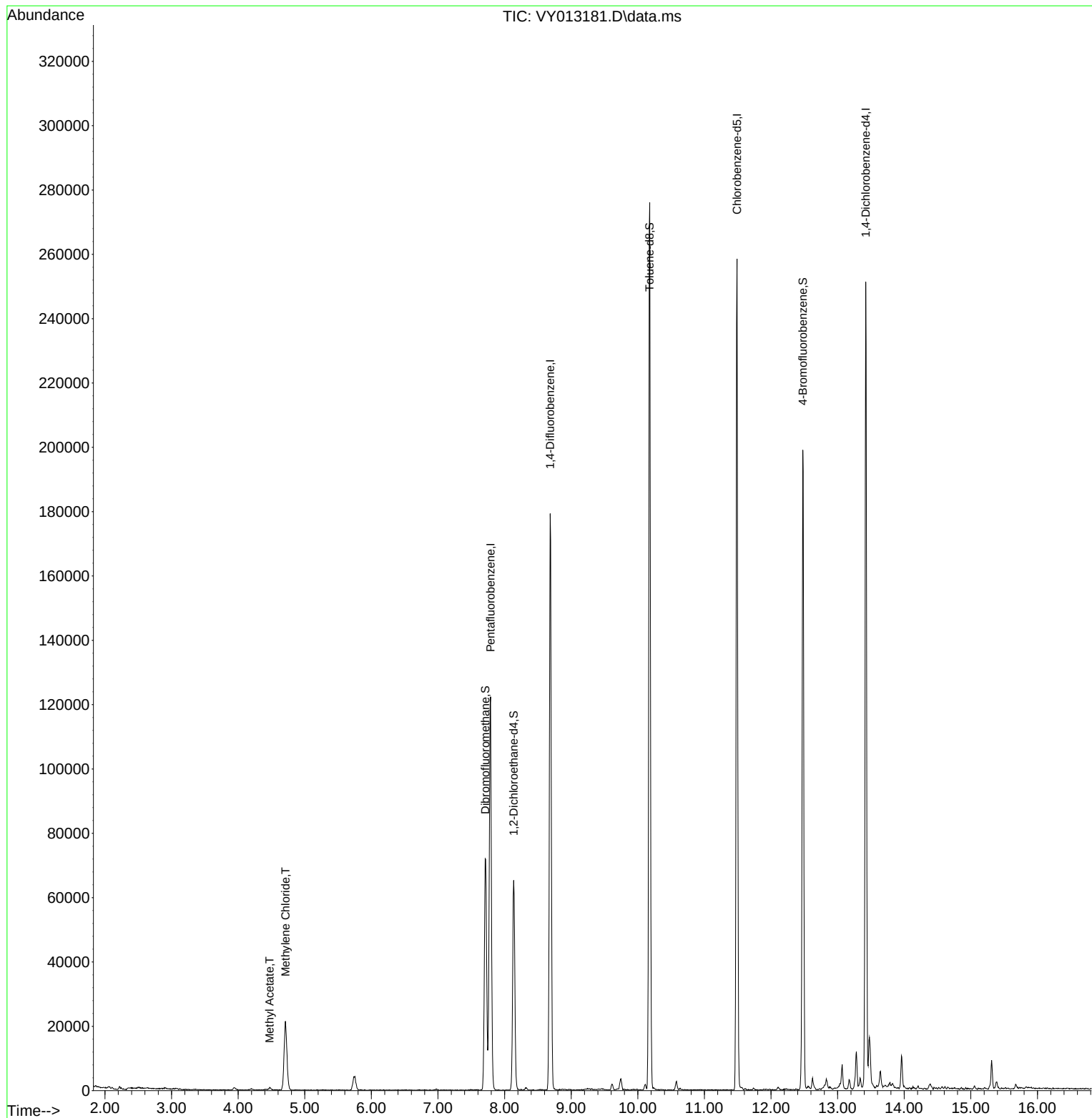
Internal Standards						
1) Pentafluorobenzene	7.789	168	97593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53538	51.046	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.100%			
35) Dibromofluoromethane	7.710	113	50651	50.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.540%			
50) Toluene-d8	10.179	98	182454	47.965	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.920%			
62) 4-Bromofluorobenzene	12.477	95	57638	46.551	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.100%			
Target Compounds						
18) Methyl Acetate	4.472	43	1302	1.288	ug/l	91
20) Methylene Chloride	4.710	84	15822	9.994	ug/l	89

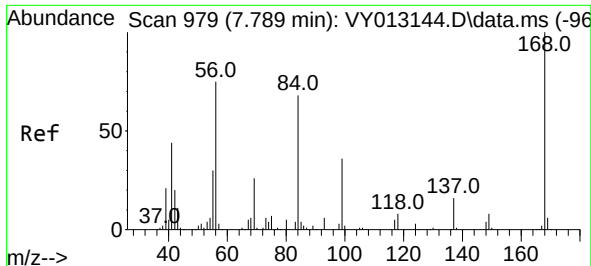
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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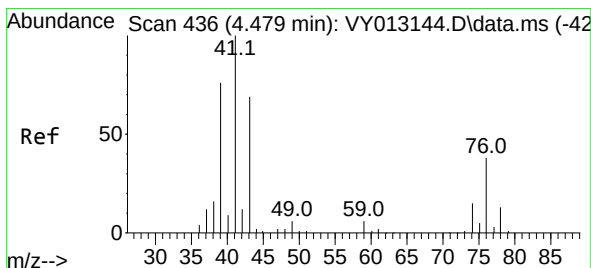
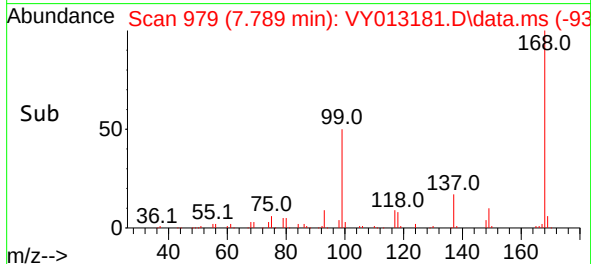
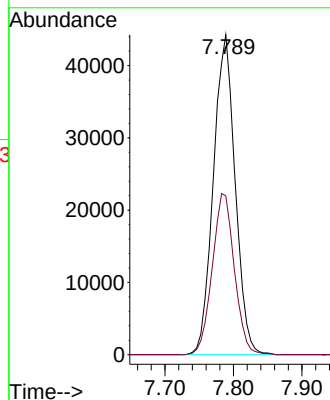
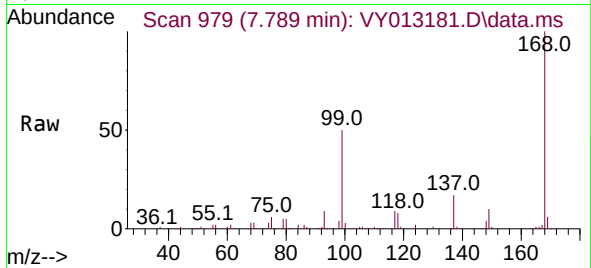




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

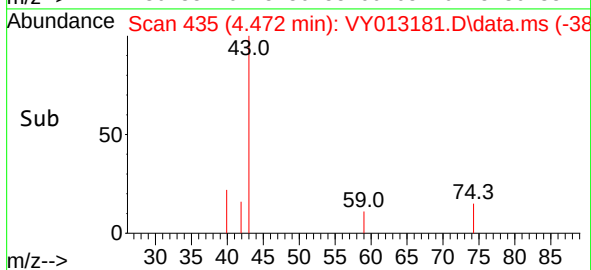
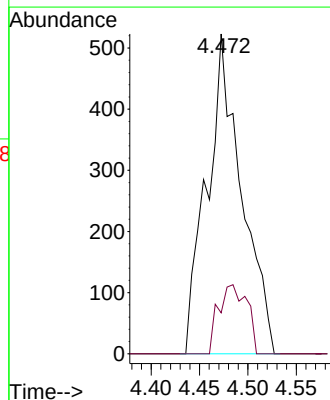
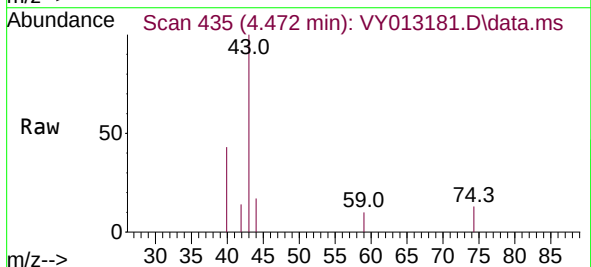
Instrument :
MSVOA_Y
ClientSampleId :
SB-6B

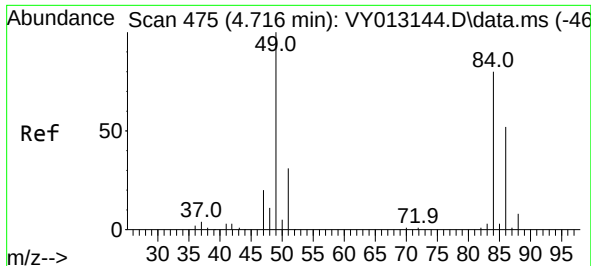
Tgt Ion:168 Resp: 97593
Ion Ratio Lower Upper
168 100
99 49.7 41.7 62.5



#18
Methyl Acetate
Concen: 1.288 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
74 17.7 17.4 26.0



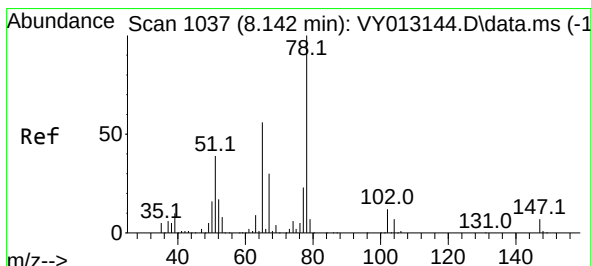
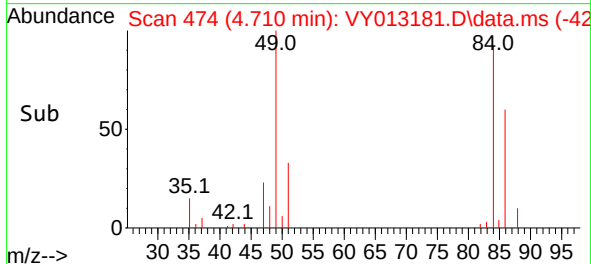
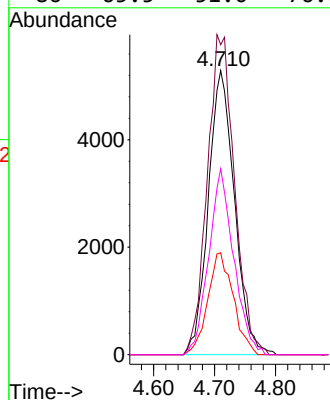
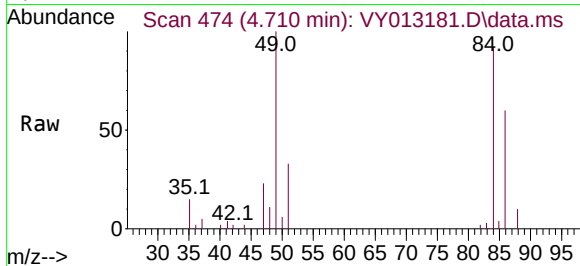


#20
Methylene Chloride
Concen: 9.994 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-6B

Tgt Ion: 84 Resp: 15822

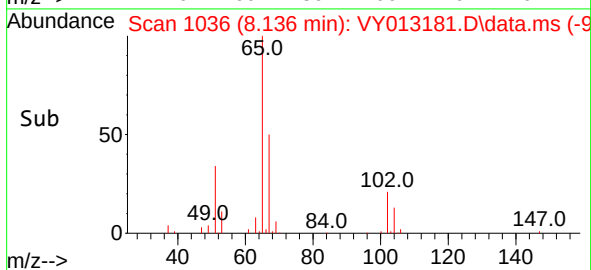
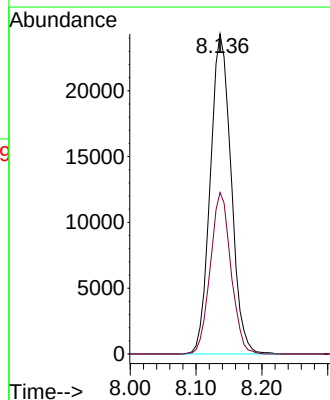
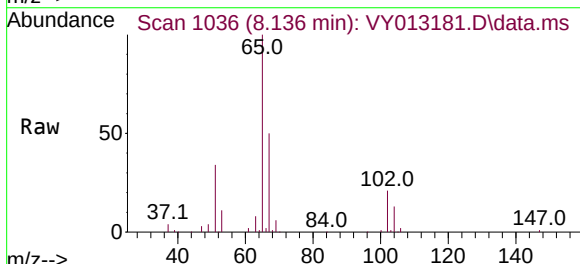
Ion	Ratio	Lower	Upper
84	100		
49	109.1	102.6	154.0
51	35.9	31.9	47.9
86	65.5	51.0	76.6

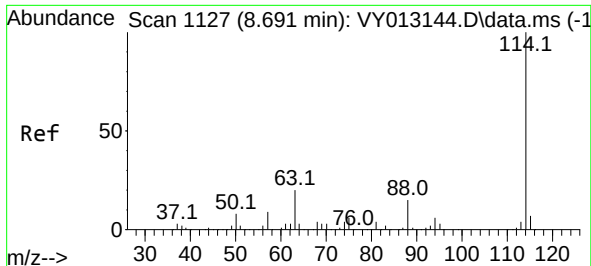


#33
1,2-Dichloroethane-d4
Concen: 51.046 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Tgt Ion: 65 Resp: 53538

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-6B

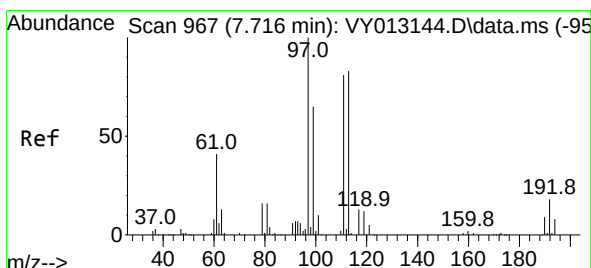
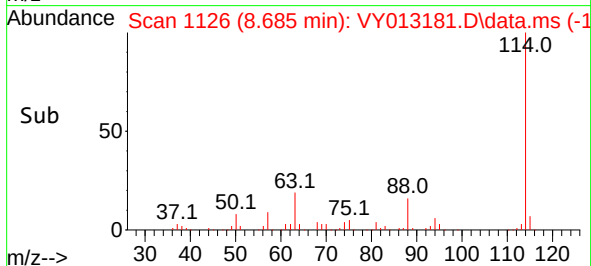
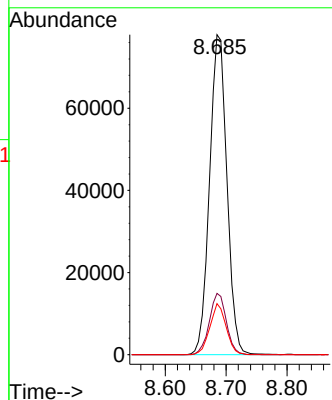
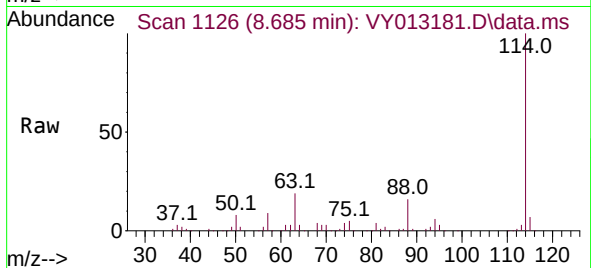
Tgt Ion:114 Resp: 154243

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 16.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.268 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

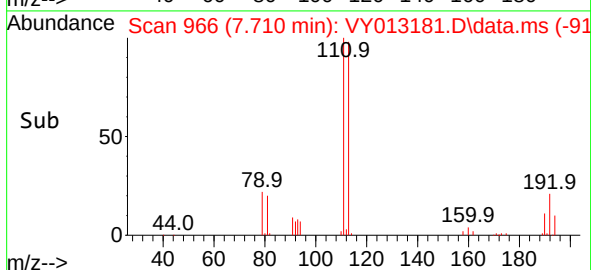
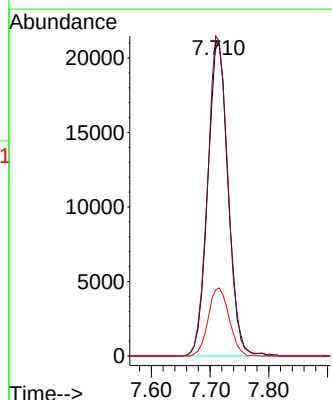
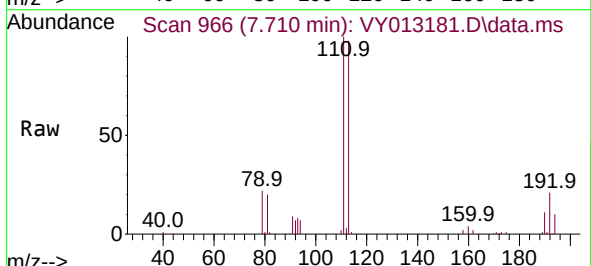
Tgt Ion:113 Resp: 50651

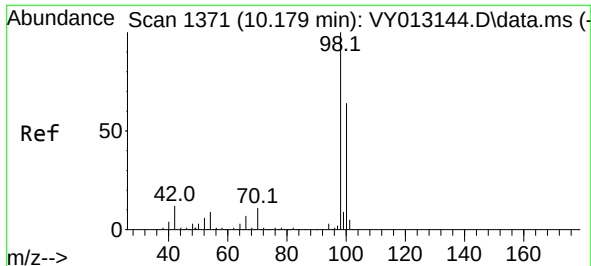
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 22.2 16.8 25.2

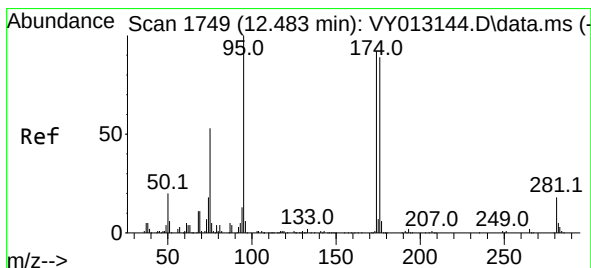
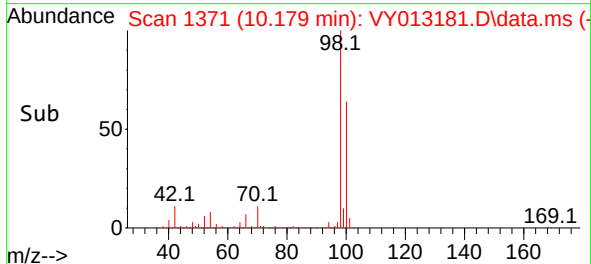
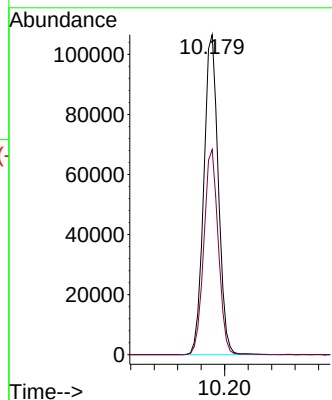
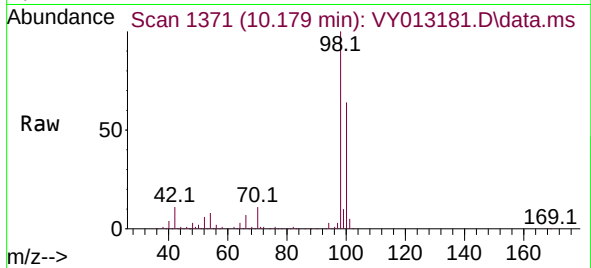




#50
Toluene-d8
Concen: 47.965 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

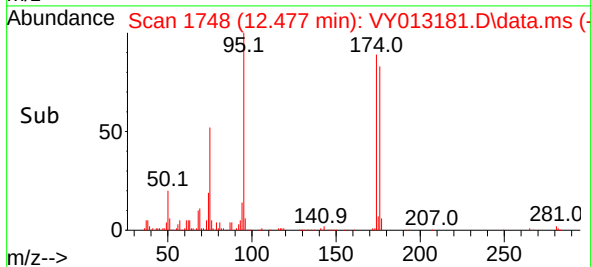
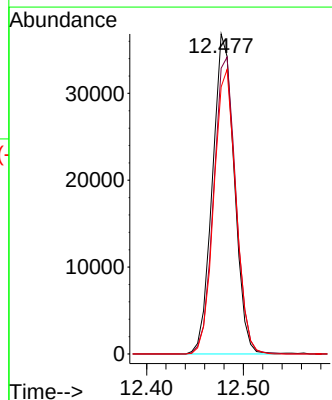
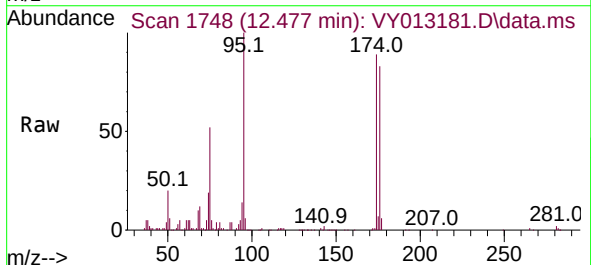
Instrument :
MSVOA_Y
ClientSampleId :
SB-6B

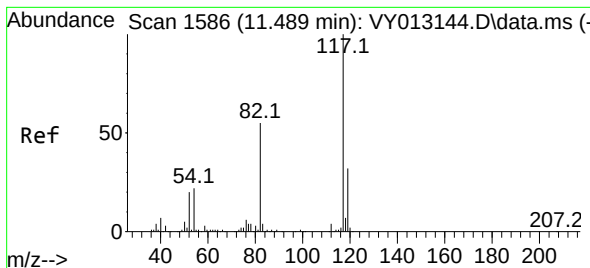
Tgt Ion: 98 Resp: 182454
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.551 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Tgt Ion: 95 Resp: 57638
Ion Ratio Lower Upper
95 100
174 94.1 0.0 176.6
176 89.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-6B

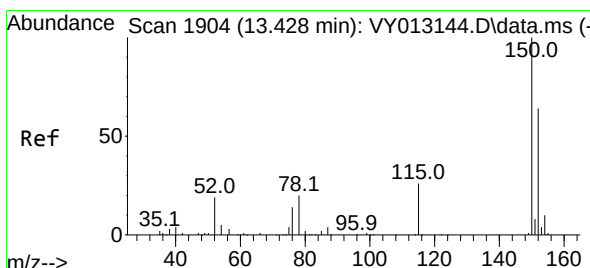
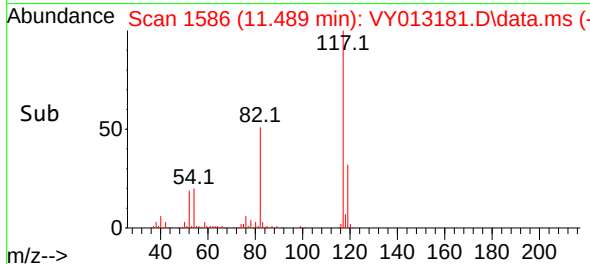
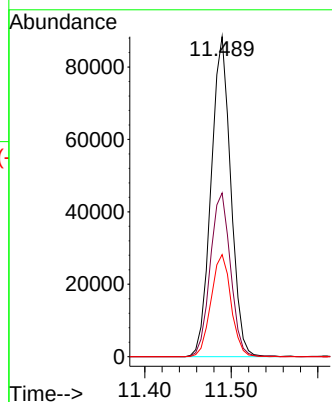
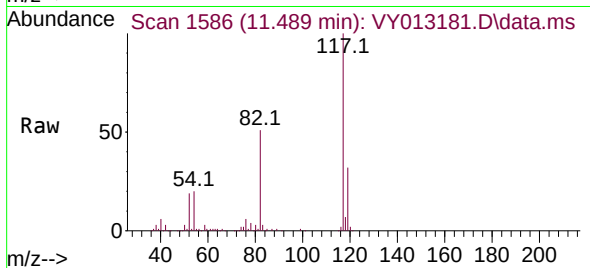
Tgt Ion:117 Resp: 139214

Ion Ratio Lower Upper

117 100

82 51.1 45.4 68.0

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

Tgt Ion:152 Resp: 67116

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 156.0 0.0 347.8

