

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013178.D
 Acq On : 03 Apr 2023 16:08
 Operator : KP/MD
 Sample : 02165-03
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3B

Quant Time: Apr 03 23:10:07 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)

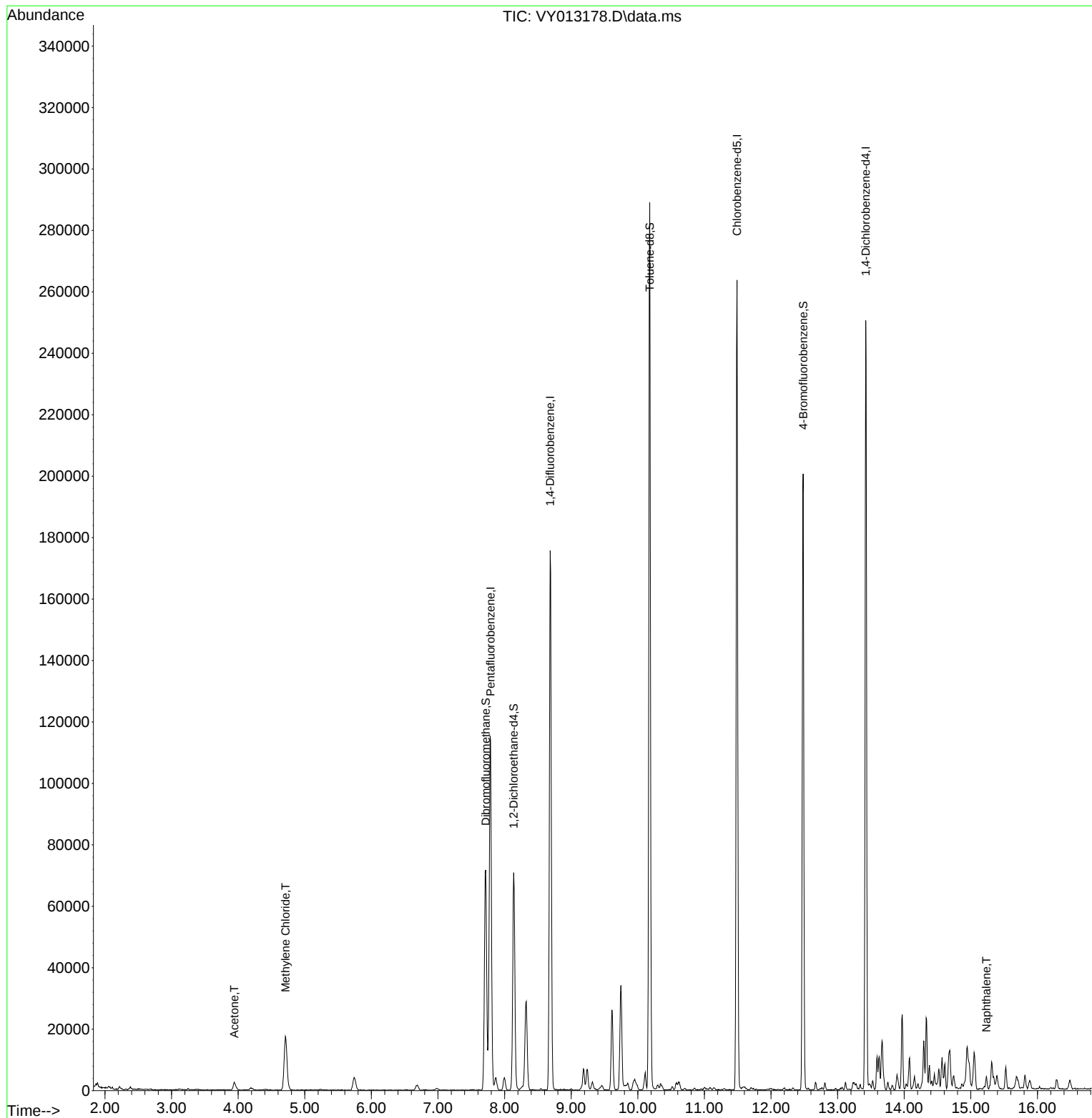
Internal Standards						
1) Pentafluorobenzene	7.789	168	91927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	153501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56789	57.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.716	113	49795	49.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.179	98	186030	49.141	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.483	95	58631	47.581	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.160%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	4821	15.959	ug/l	98
20) Methylene Chloride	4.710	84	13179	8.141	ug/l	88
95) Naphthalene	15.233	128	3384	4.463	ug/l #	96

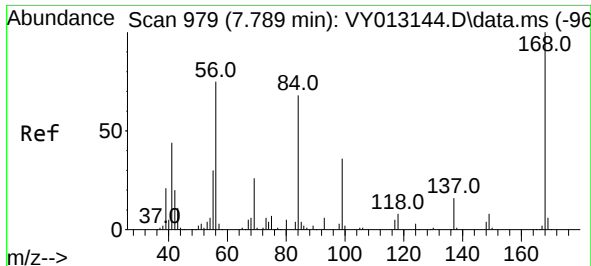
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
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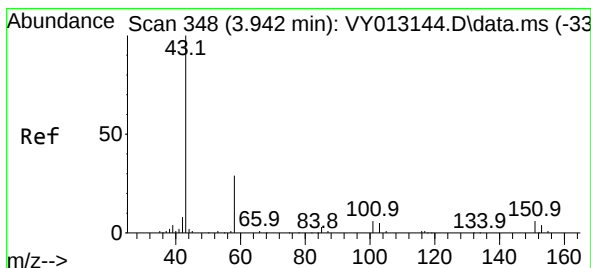
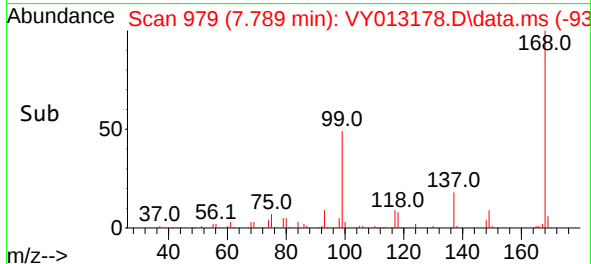
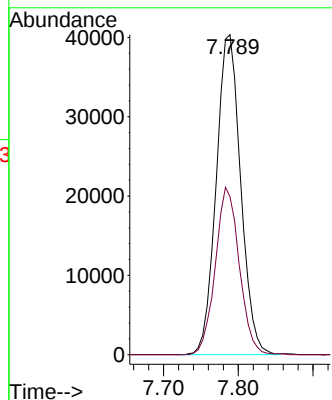
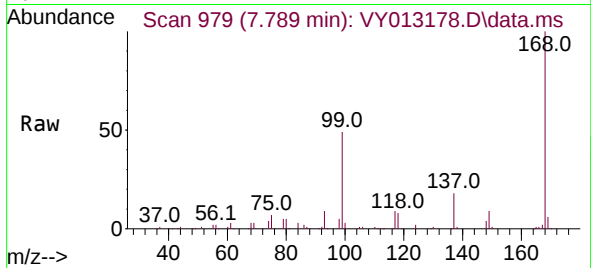




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013178.D
Acq: 03 Apr 2023 16:08

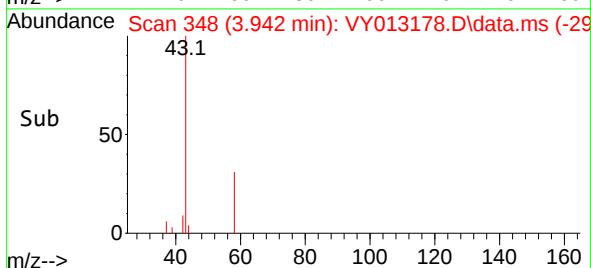
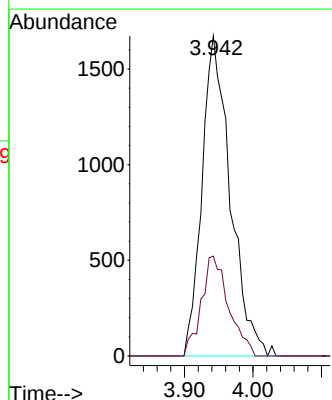
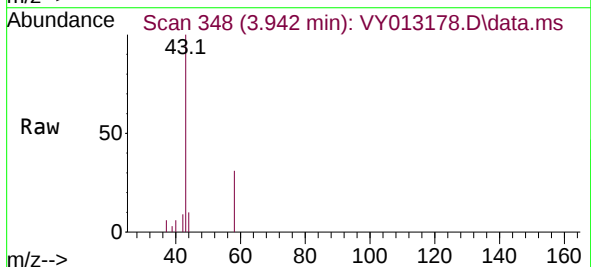
Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

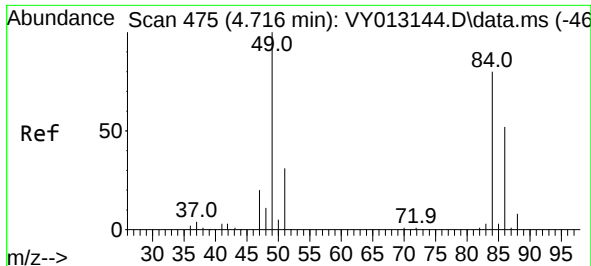
Tgt Ion:168 Resp: 91927
Ion Ratio Lower Upper
168 100
99 49.4 41.7 62.5



#16
Acetone
Concen: 15.959 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013178.D
Acq: 03 Apr 2023 16:08

Tgt Ion: 43 Resp: 4821
Ion Ratio Lower Upper
43 100
58 31.2 24.2 36.2

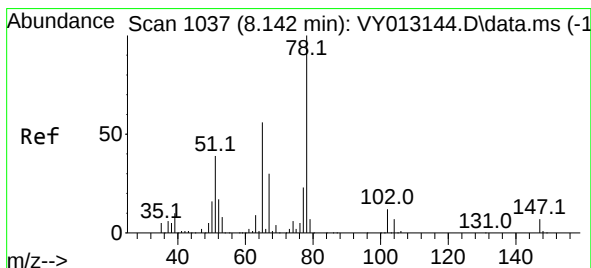
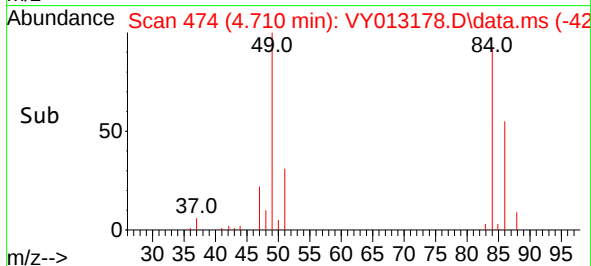
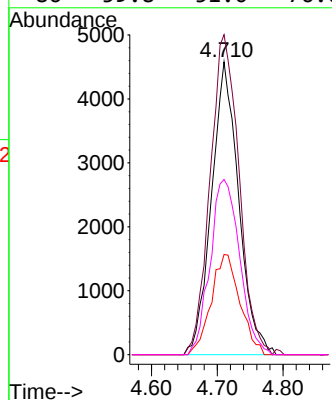
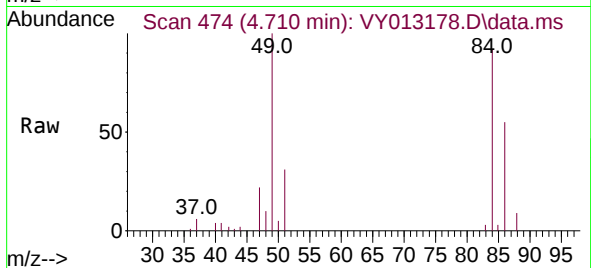




#20
Methylene Chloride
Concen: 8.141 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013178.D
Acq: 03 Apr 2023 16:08

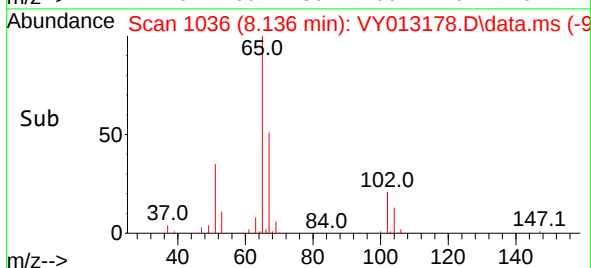
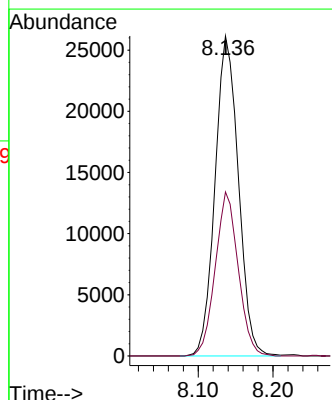
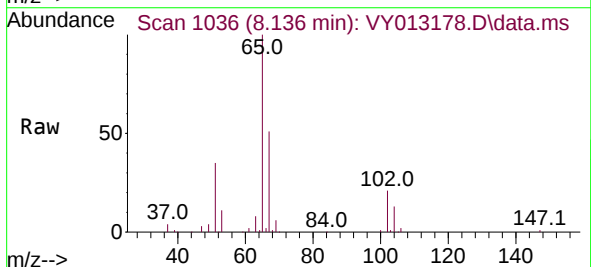
Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

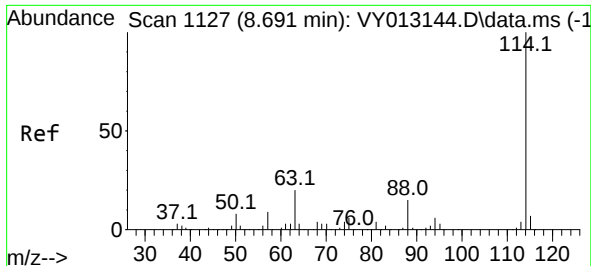
Tgt Ion: 84	Resp: 13179
Ion Ratio	Lower Upper
84 100	
49 109.3	102.6 154.0
51 34.2	31.9 47.9
86 59.8	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 57.483 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013178.D
Acq: 03 Apr 2023 16:08

Tgt Ion: 65	Resp: 56789
Ion Ratio	Lower Upper
65 100	
67 50.4	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: VY013178.D

Acq: 03 Apr 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-3B

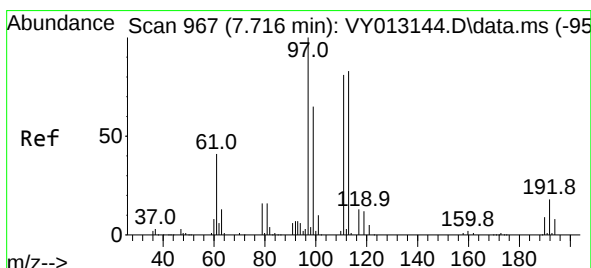
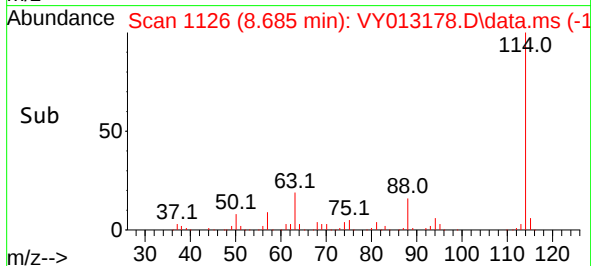
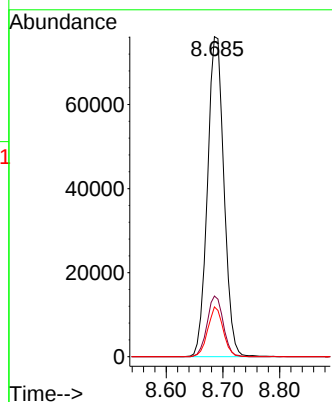
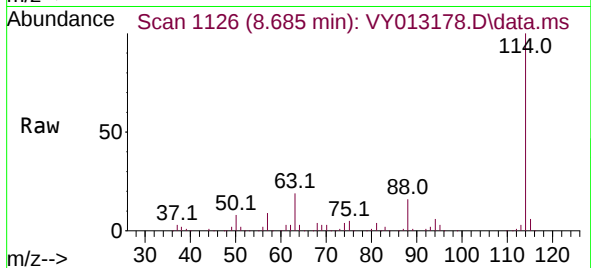
Tgt Ion:114 Resp: 153501

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 15.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.657 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013178.D

Acq: 03 Apr 2023 16:08

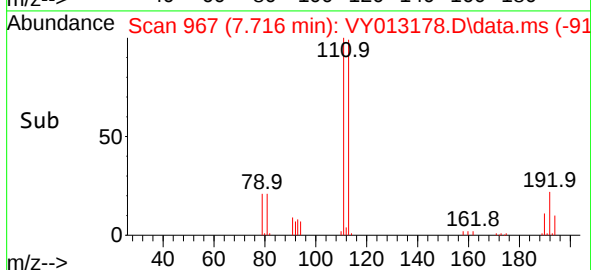
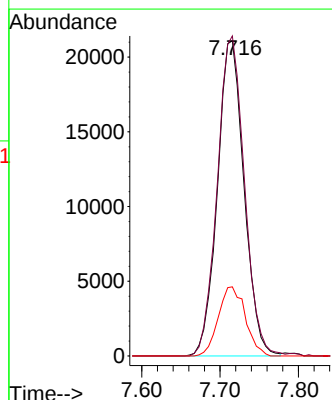
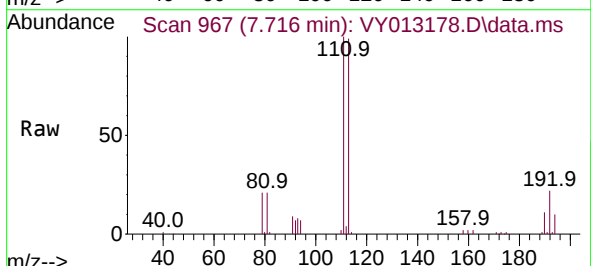
Tgt Ion:113 Resp: 49795

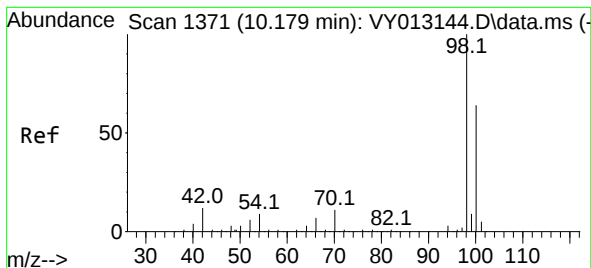
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 22.3 16.8 25.2

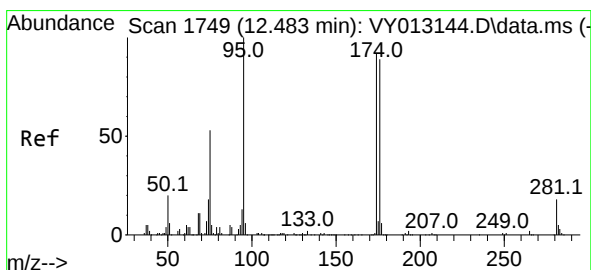
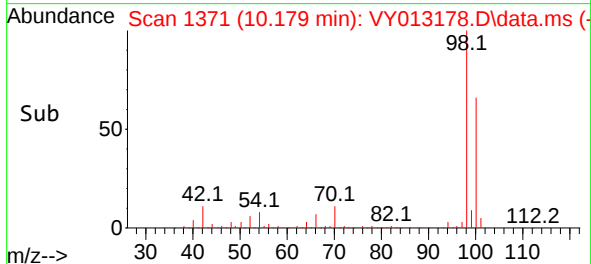
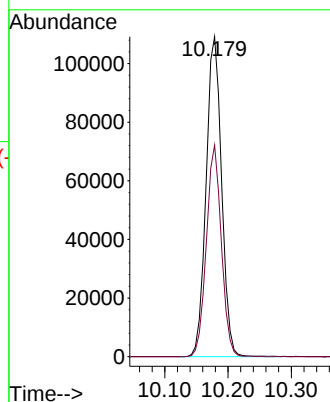
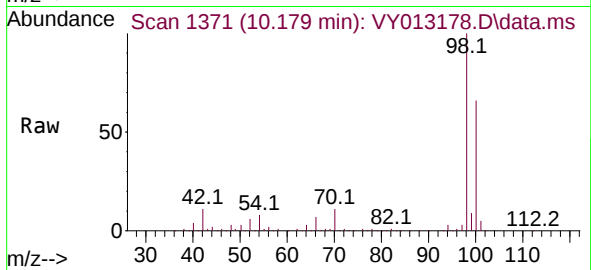




#50
Toluene-d8
Concen: 49.141 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013178.D
Acq: 03 Apr 2023 16:08

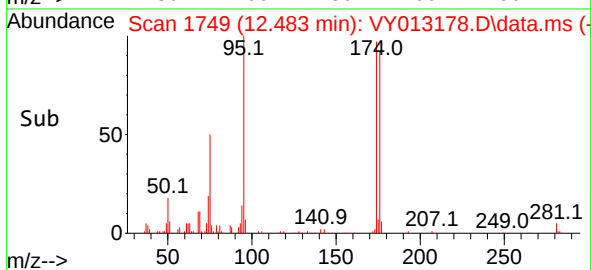
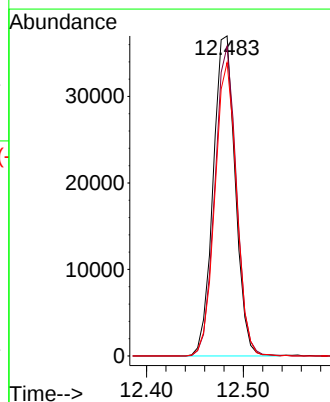
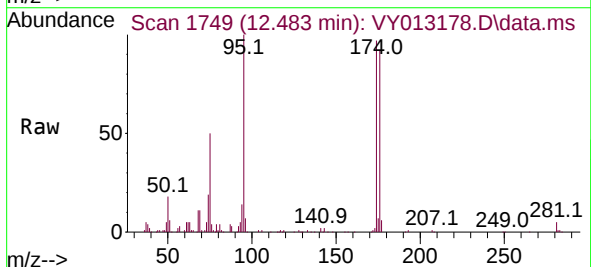
Instrument :
MSVOA_Y
ClientSampleId :
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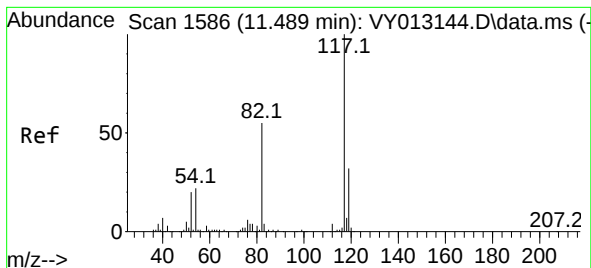
Tgt Ion: 98 Resp: 186030
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.581 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013178.D
Acq: 03 Apr 2023 16:08

Tgt Ion: 95 Resp: 58631
Ion Ratio Lower Upper
95 100
174 94.4 0.0 176.6
176 90.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013178.D

Acq: 03 Apr 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-3B

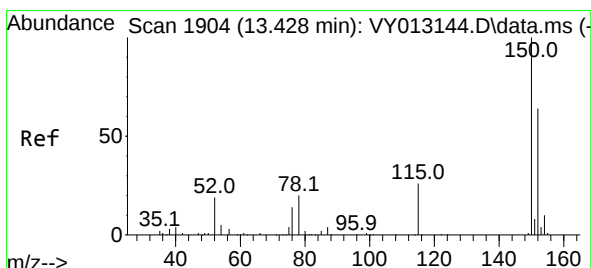
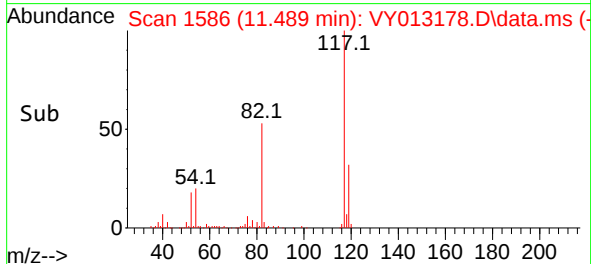
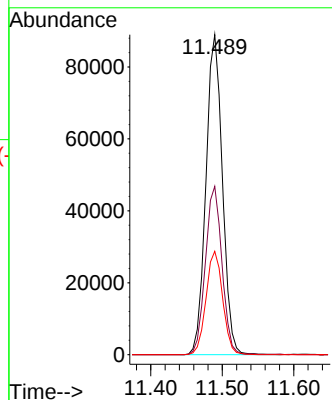
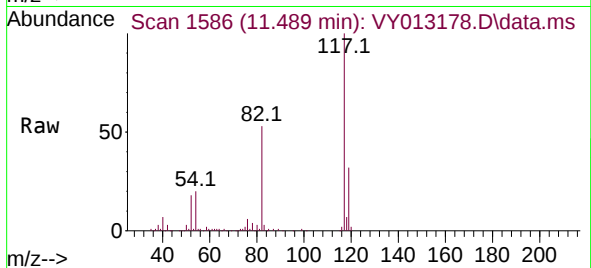
Tgt Ion:117 Resp: 142676

Ion Ratio Lower Upper

117 100

82 52.6 45.4 68.0

119 32.3 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: VY013178.D

Acq: 03 Apr 2023 16:08

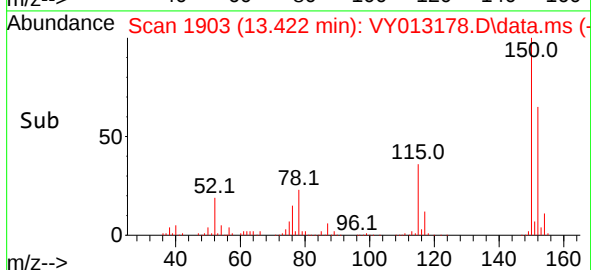
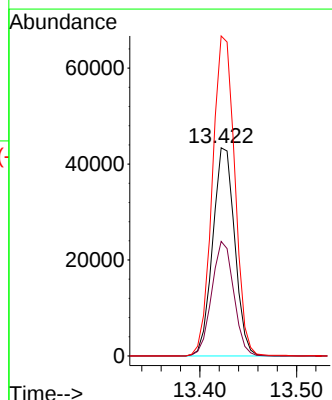
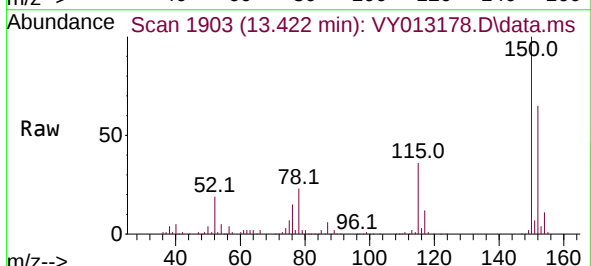
Tgt Ion:152 Resp: 68553

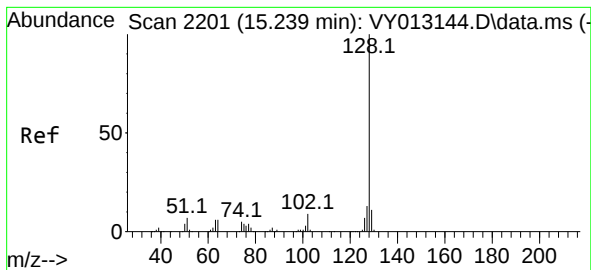
Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 156.5 0.0 347.8





#95

Naphthalene

Concen: 4.463 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013178.D

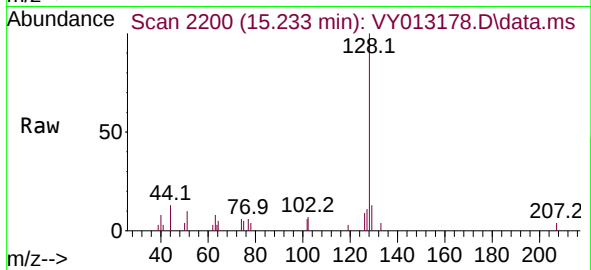
Acq: 03 Apr 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-3B



Tgt Ion:	128	Resp:	3384
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	14.4	8.6	13.0

