

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013180.D
 Acq On : 03 Apr 2023 16:55
 Operator : KP/MD
 Sample : 02165-05
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5B

Quant Time: Apr 03 23:10:42 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)

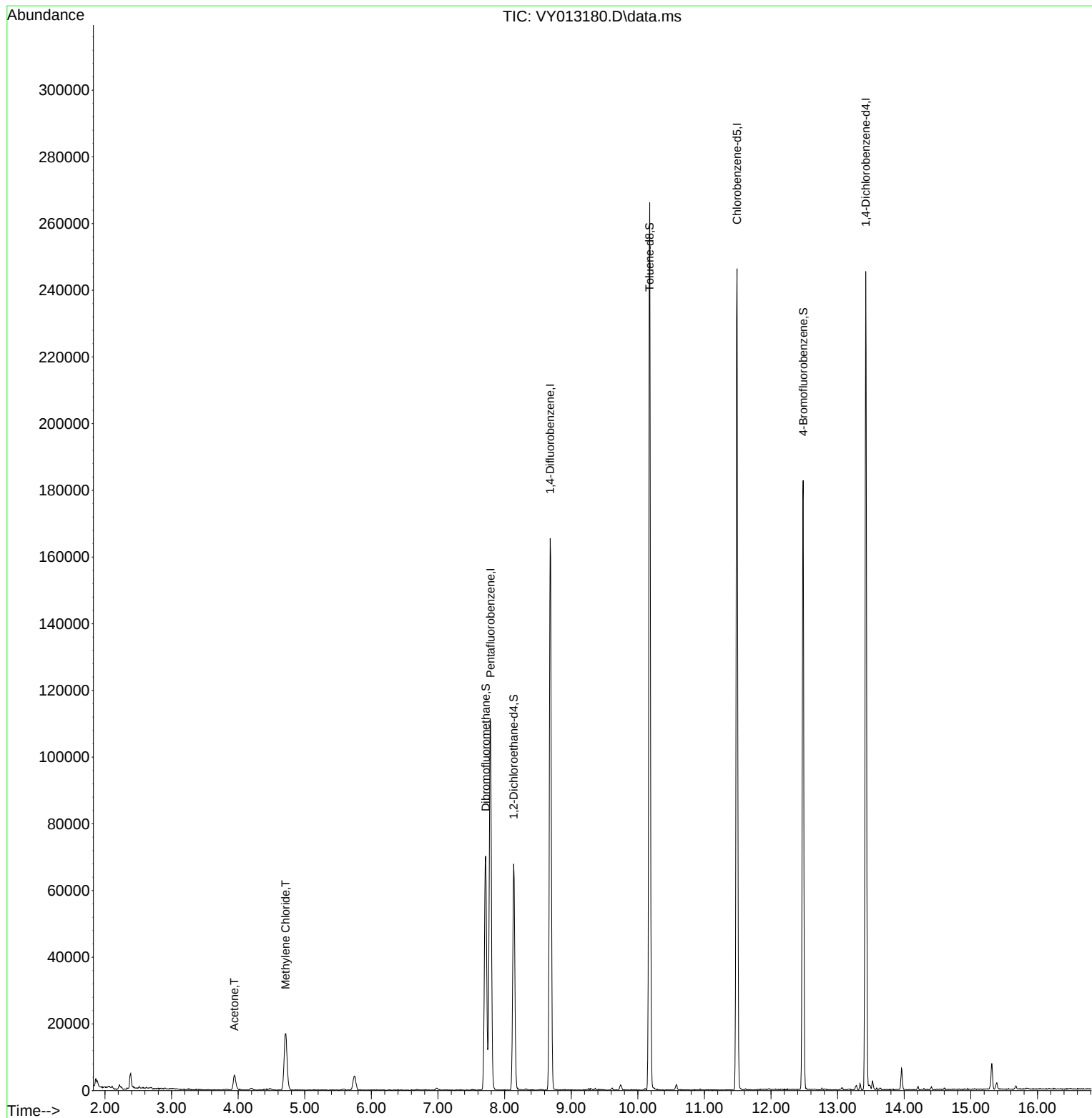
Internal Standards						
1) Pentafluorobenzene	7.789	168	91210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	137215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54871	55.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.960%
35) Dibromofluoromethane	7.716	113	49124	51.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.179	98	172236	47.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.483	95	52635	44.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.780%
Target Compounds						Qvalue
16) Acetone	3.942	43	8212	27.397	ug/l	97
20) Methylene Chloride	4.710	84	13129	8.198	ug/l	93

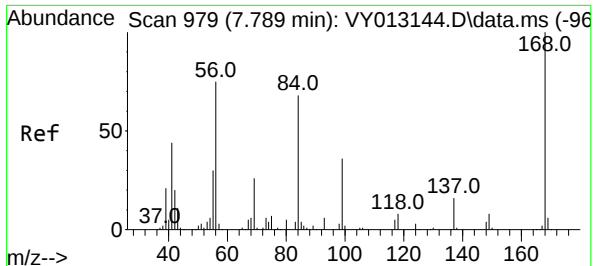
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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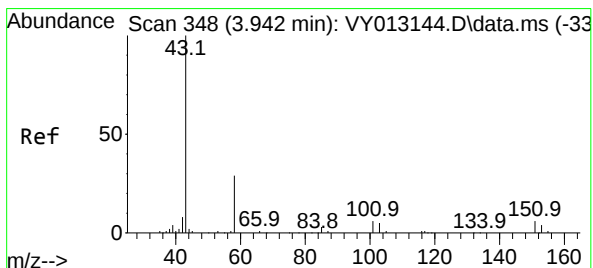
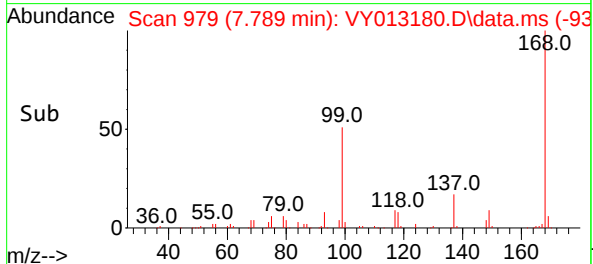
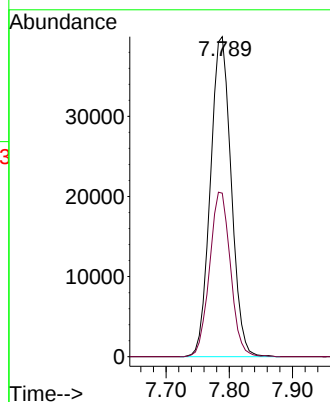
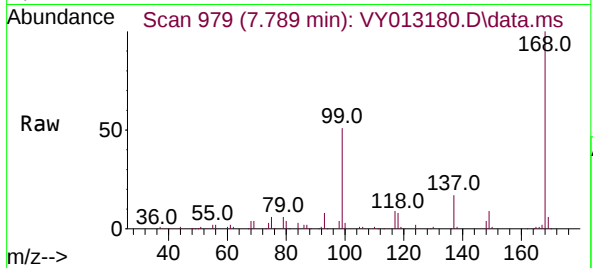




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013180.D
Acq: 03 Apr 2023 16:55

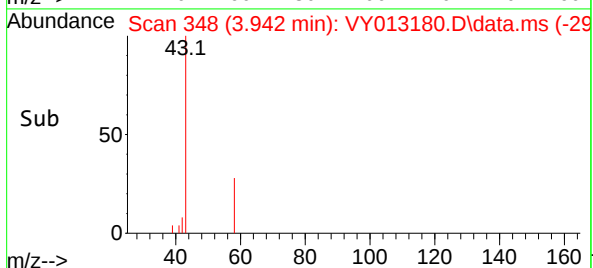
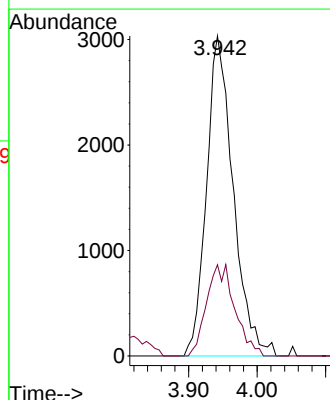
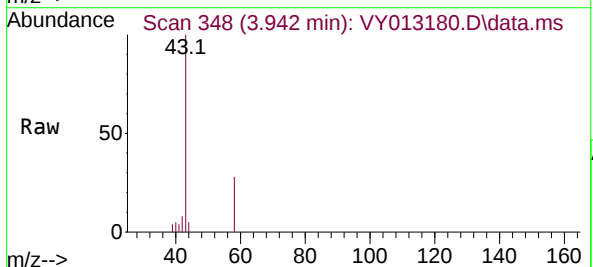
Instrument :
MSVOA_Y
ClientSampleId :
SB-5B

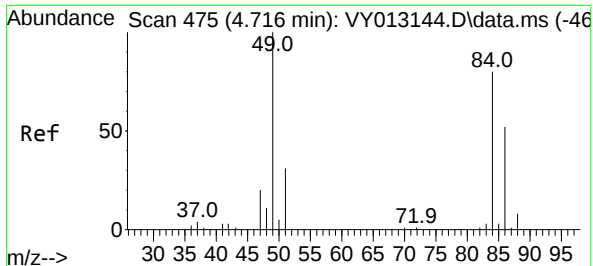
Tgt Ion:168 Resp: 91210
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#16
Acetone
Concen: 27.397 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013180.D
Acq: 03 Apr 2023 16:55

Tgt Ion: 43 Resp: 8212
Ion Ratio Lower Upper
43 100
58 28.5 24.2 36.2

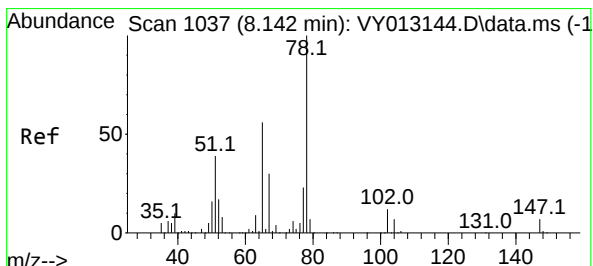
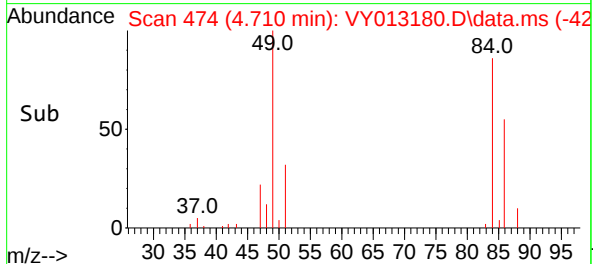
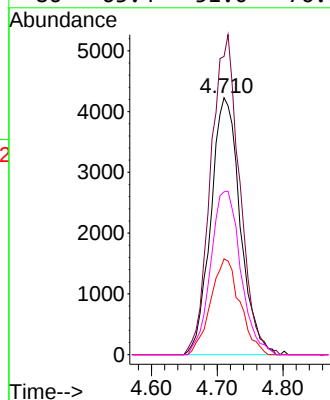
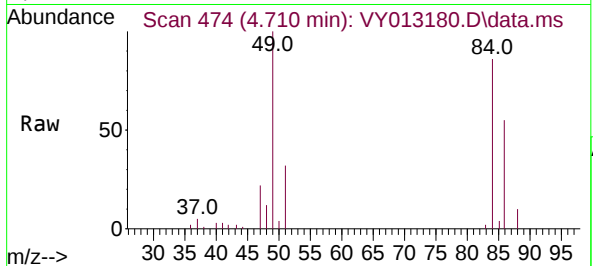




#20
Methylene Chloride
Concen: 8.198 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013180.D
Acq: 03 Apr 2023 16:55

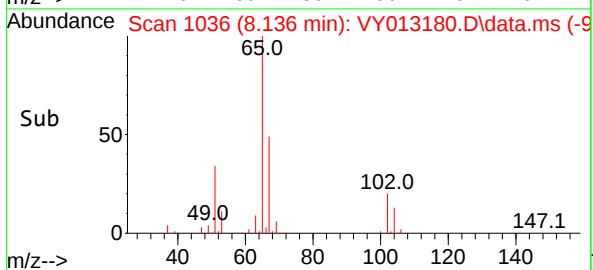
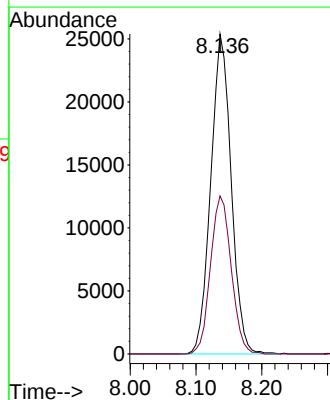
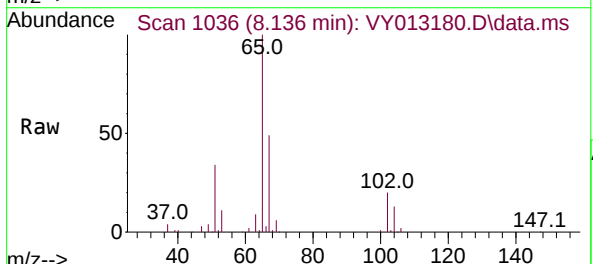
Instrument :
MSVOA_Y
ClientSampleId :
SB-5B

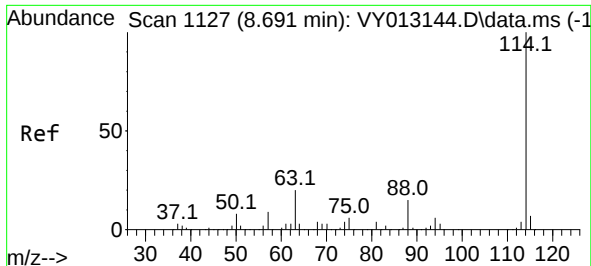
Tgt Ion: 84	Resp: 13129		
Ion	Ratio	Lower	Upper
84	100		
49	116.1	102.6	154.0
51	37.3	31.9	47.9
86	63.4	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 55.978 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013180.D
Acq: 03 Apr 2023 16:55

Tgt Ion: 65	Resp: 54871
Ion Ratio	Lower Upper
65 100	
67 50.1	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: VY013180.D

Acq: 03 Apr 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-5B

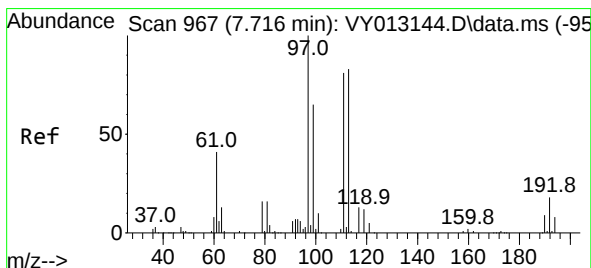
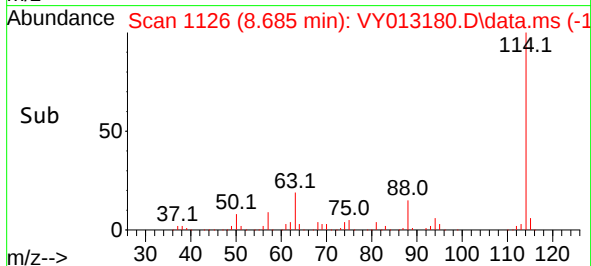
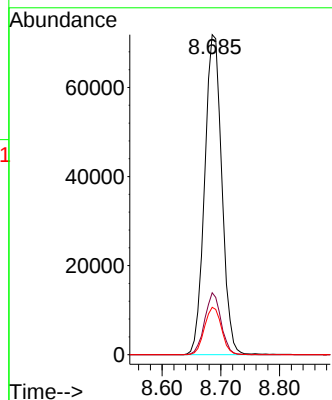
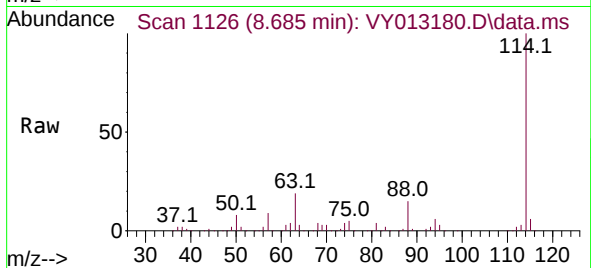
Tgt Ion:114 Resp: 146056

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 51.485 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013180.D

Acq: 03 Apr 2023 16:55

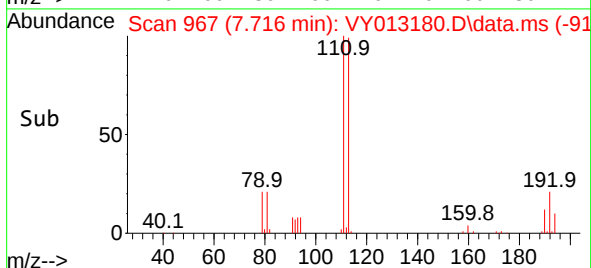
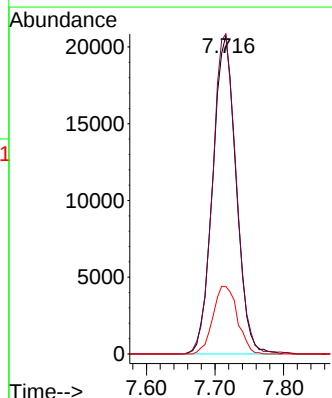
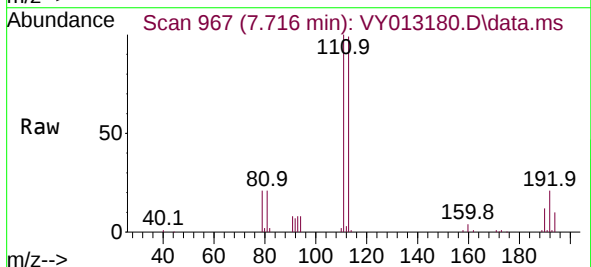
Tgt Ion:113 Resp: 49124

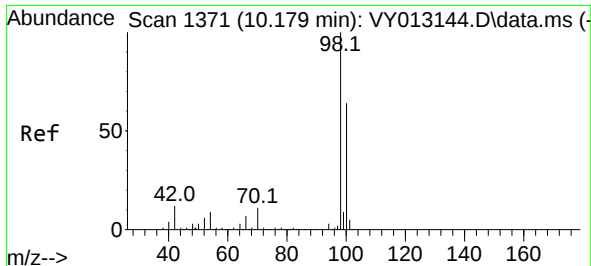
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 22.2 16.8 25.2

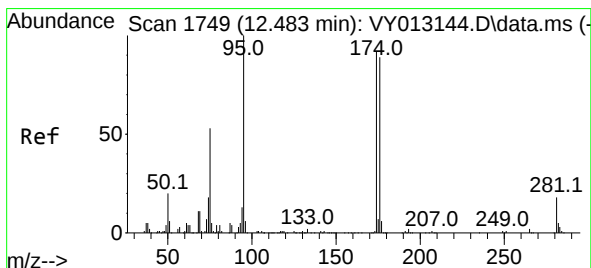
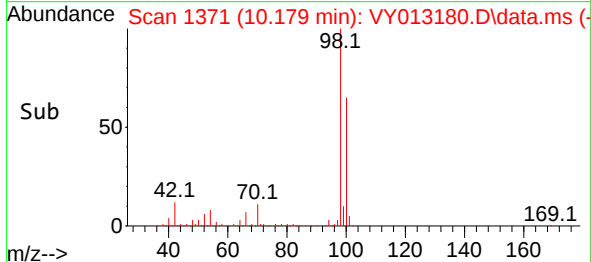
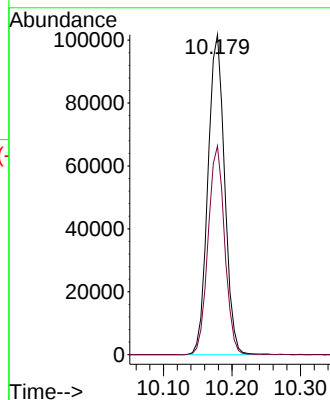
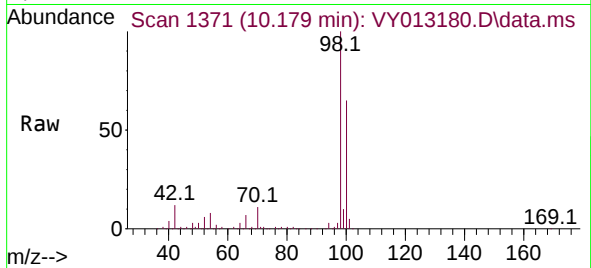




#50
Toluene-d8
Concen: 47.817 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013180.D
Acq: 03 Apr 2023 16:55

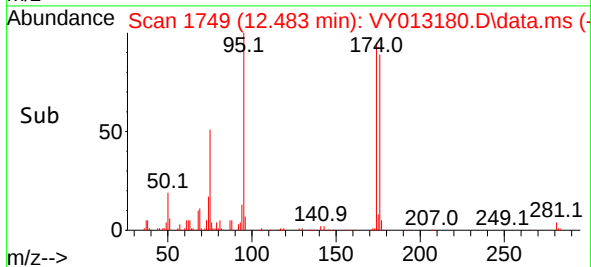
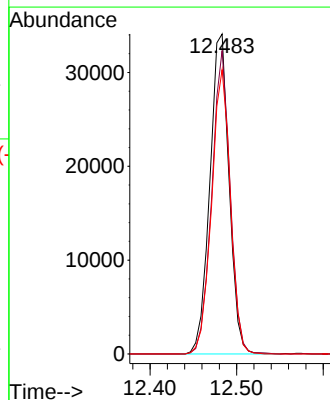
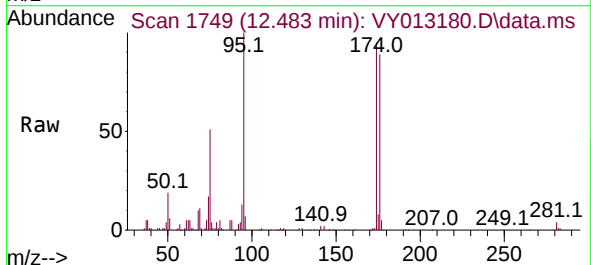
Instrument :
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ClientSampleId :
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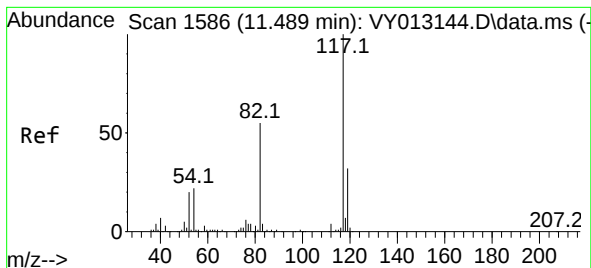
Tgt Ion: 98 Resp: 172236
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013180.D
Acq: 03 Apr 2023 16:55

Tgt Ion: 95 Resp: 52635
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.6
176 86.7 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: VY013180.D

Acq: 03 Apr 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-5B

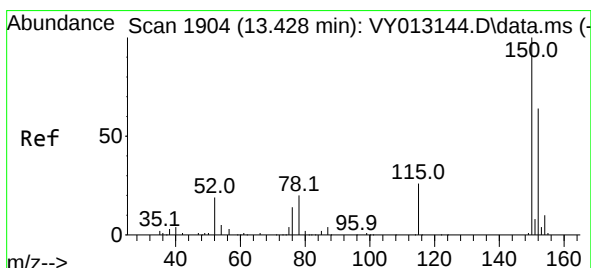
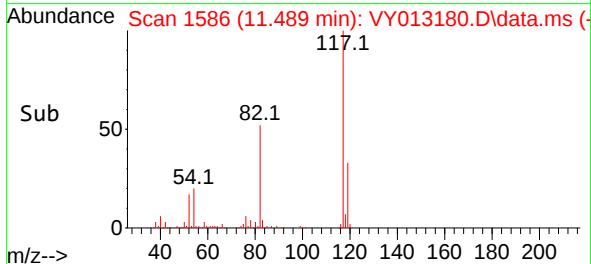
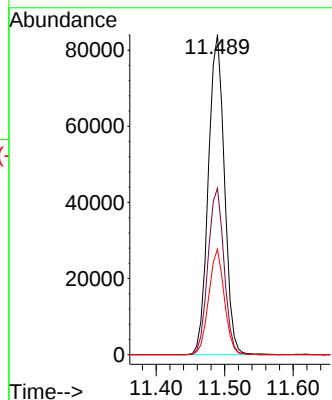
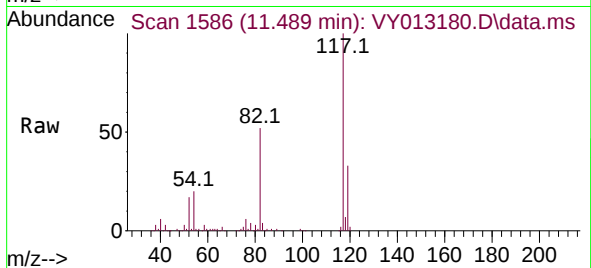
Tgt Ion:117 Resp: 137215

Ion Ratio Lower Upper

117 100

82 52.1 45.4 68.0

119 33.0 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: VY013180.D

Acq: 03 Apr 2023 16:55

Tgt Ion:152 Resp: 65580

Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.3

150 155.8 0.0 347.8

