

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017338.D
 Acq On : 09 Feb 2024 14:43
 Operator : SY/MD
 Sample : P1414-05
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8(10-11)

Quant Time: Feb 09 22:03:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

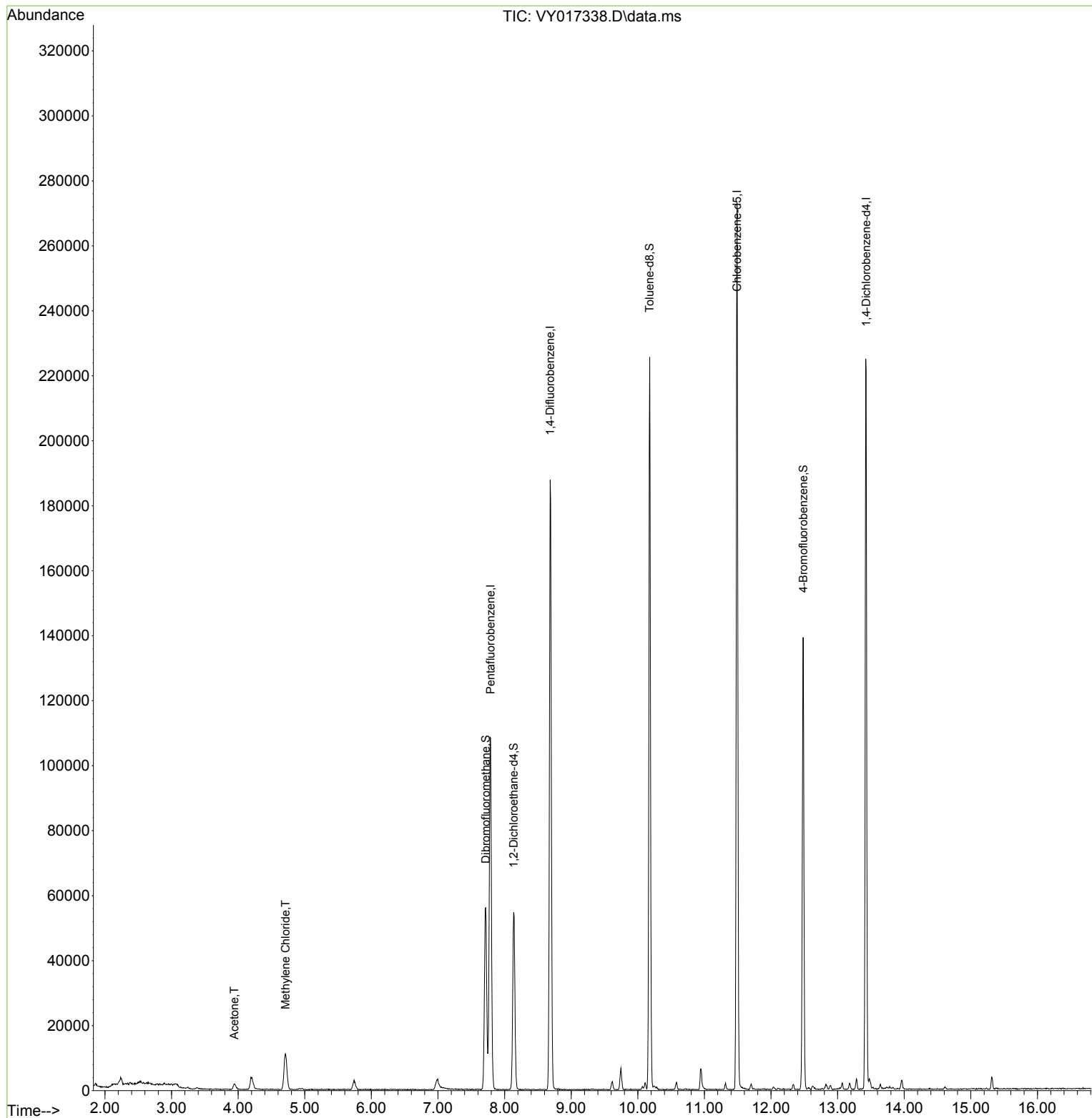
Internal Standards						
1) Pentafluorobenzene	7.789	168	84049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	163409	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	147111	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	57933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	41458	55.215	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.440%	
35) Dibromofluoromethane	7.716	113	40754	46.190	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.380%	
50) Toluene-d8	10.179	98	142404	44.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.660%	
62) 4-Bromofluorobenzene	12.483	95	40727	38.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.400%	
Target Compounds						Qvalue
16) Acetone	3.942	43	3164	14.337	ug/l	93
20) Methylene Chloride	4.710	84	8407	6.235	ug/l #	84

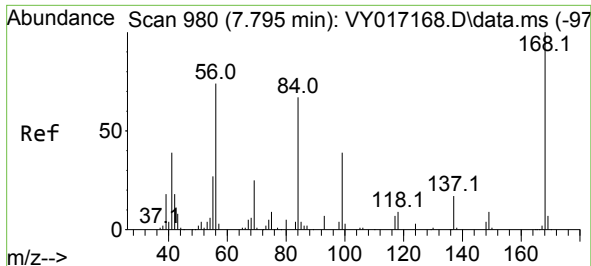
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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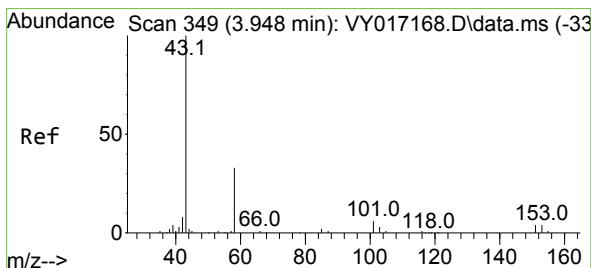
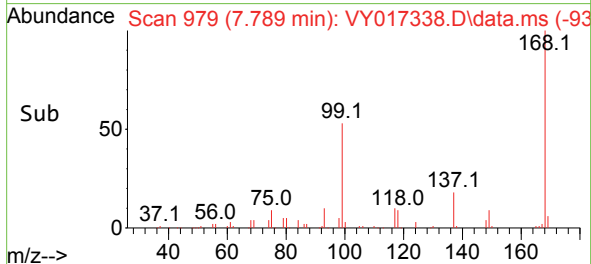
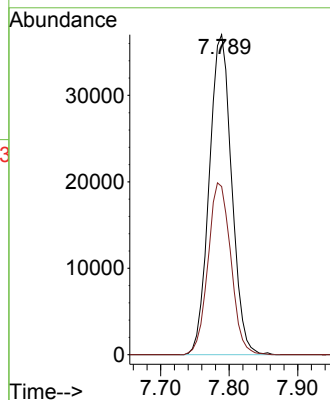
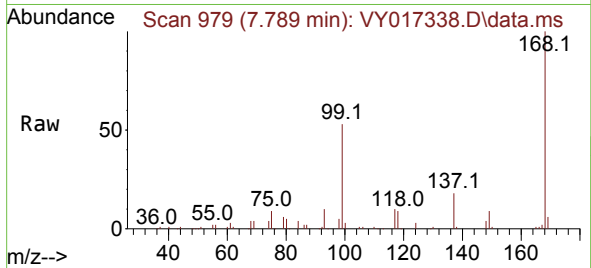




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017338.D
Acq: 09 Feb 2024 14:43

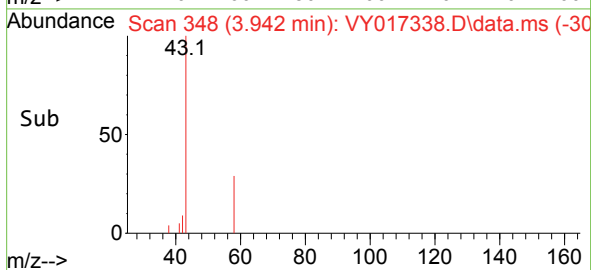
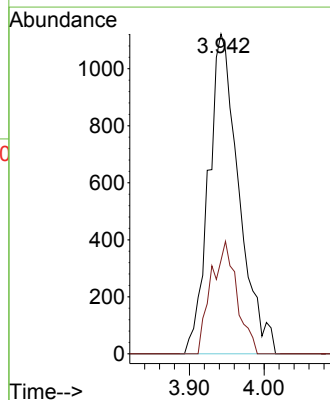
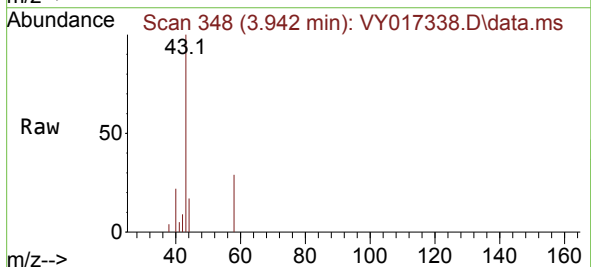
Instrument :
MSVOA_Y
ClientSampleId :
SB-8(10-11)

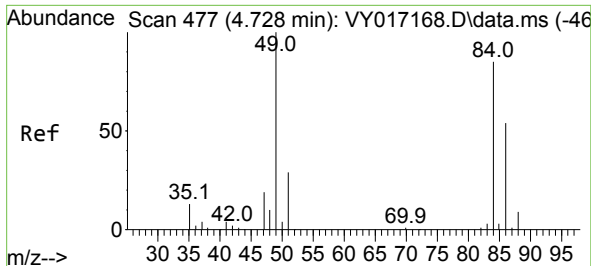
Tgt Ion:168 Resp: 84049
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#16
Acetone
Concen: 14.337 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017338.D
Acq: 09 Feb 2024 14:43

Tgt Ion: 43 Resp: 3164
Ion Ratio Lower Upper
43 100
58 29.2 26.6 39.8

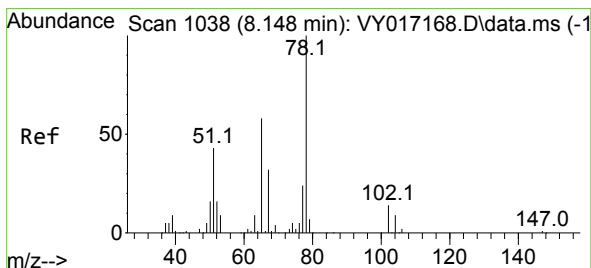
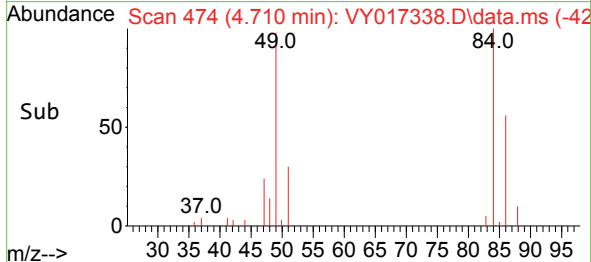
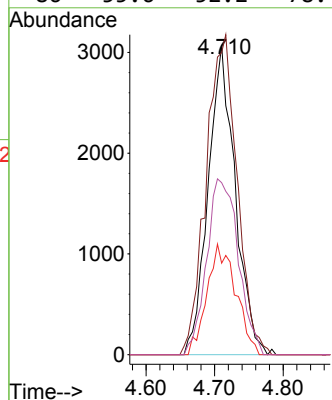
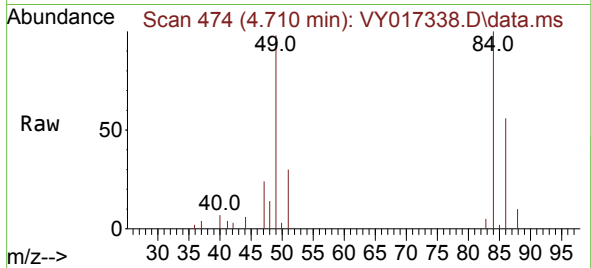




#20
Methylene Chloride
Concen: 6.235 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY017338.D
Acq: 09 Feb 2024 14:43

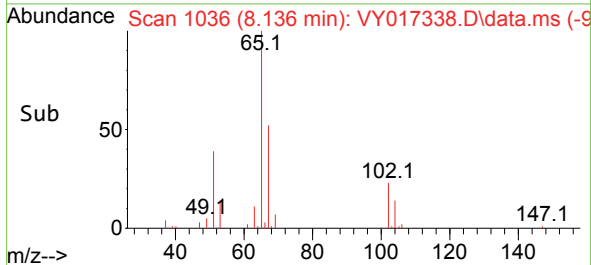
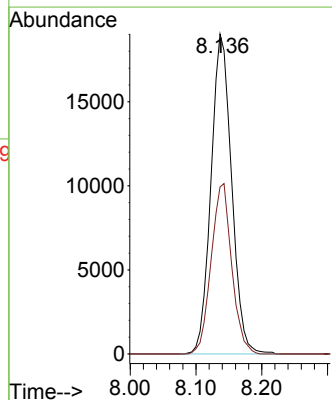
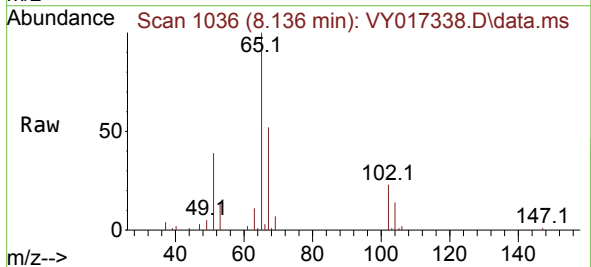
Instrument :
MSVOA_Y
ClientSampleId :
SB-8(10-11)

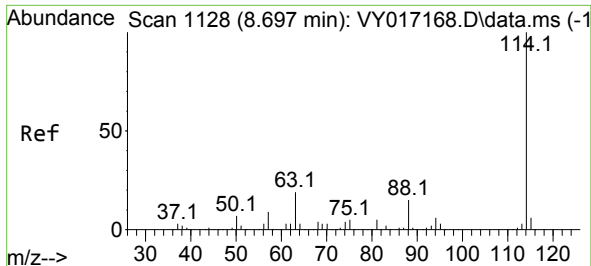
Tgt Ion: 84	Resp: 8407
Ion Ratio	Lower Upper
84 100	
49 97.5	95.2 142.8
51 29.6	29.9 44.9#
86 55.6	52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 55.215 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY017338.D
Acq: 09 Feb 2024 14:43

Tgt Ion: 65	Resp: 41458
Ion Ratio	Lower Upper
65 100	
67 53.1	0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY017338.D

Acq: 09 Feb 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-8(10-11)

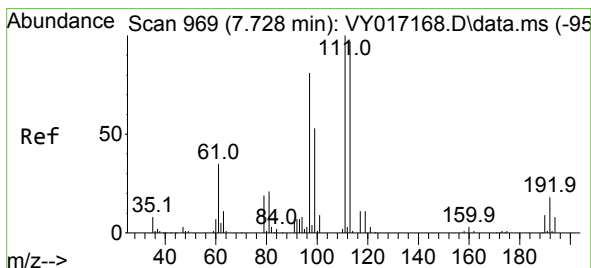
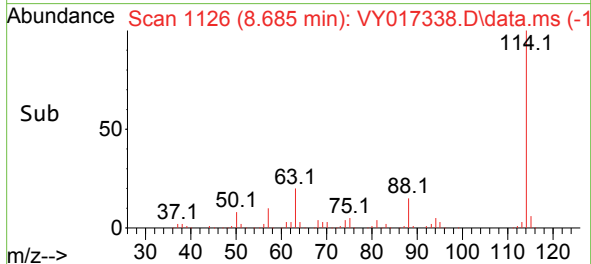
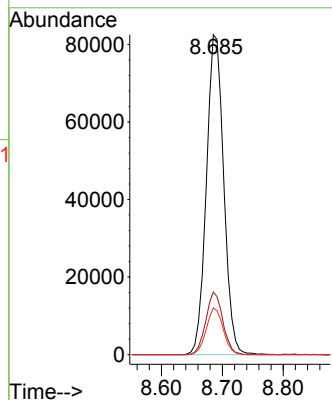
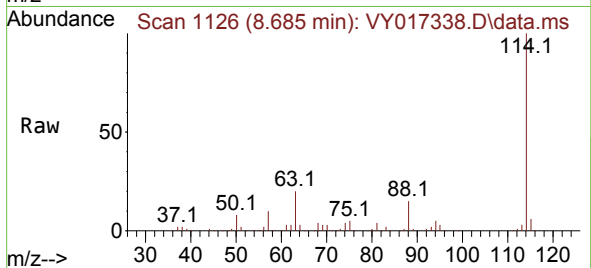
Tgt Ion:114 Resp: 163409

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.190 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017338.D

Acq: 09 Feb 2024 14:43

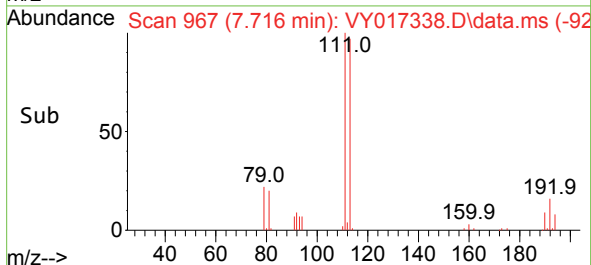
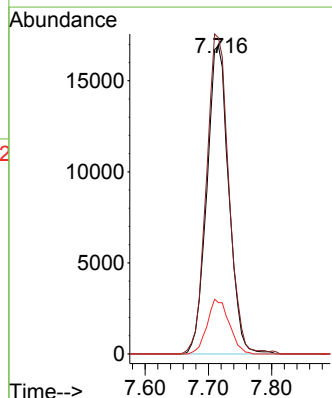
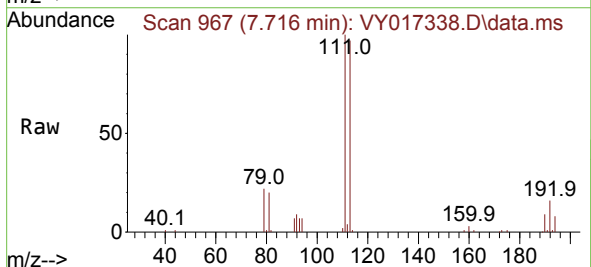
Tgt Ion:113 Resp: 40754

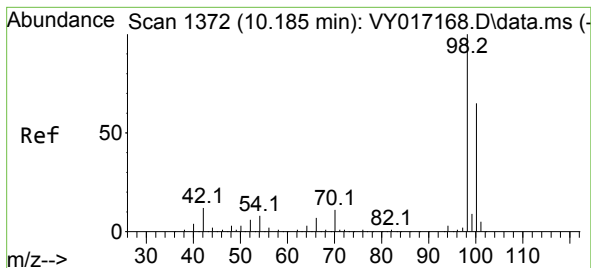
Ion Ratio Lower Upper

113 100

111 106.1 83.8 125.6

192 17.8 14.5 21.7





#50

Toluene-d8

Concen: 44.330 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017338.D

Acq: 09 Feb 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

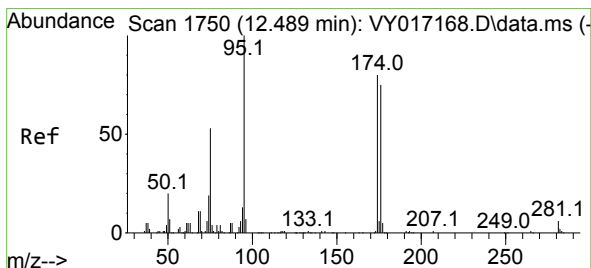
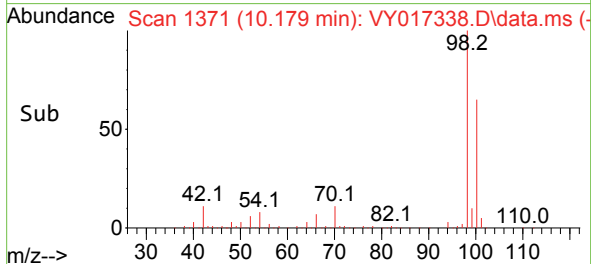
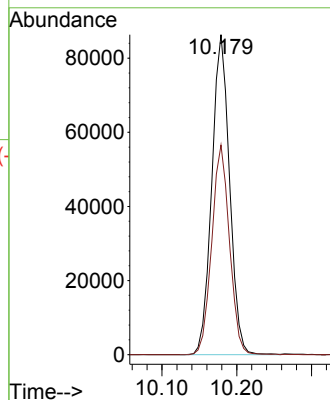
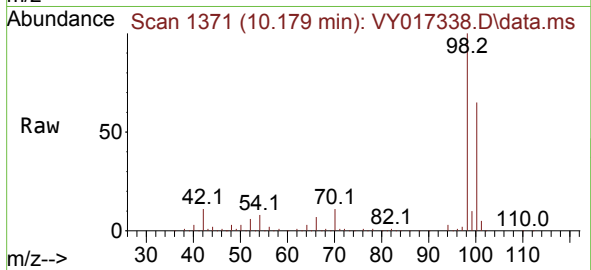
SB-8(10-11)

Tgt Ion: 98 Resp: 142404

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 38.702 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017338.D

Acq: 09 Feb 2024 14:43

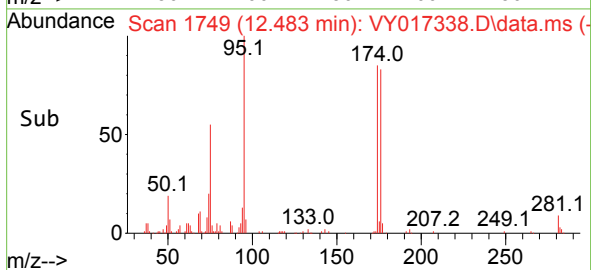
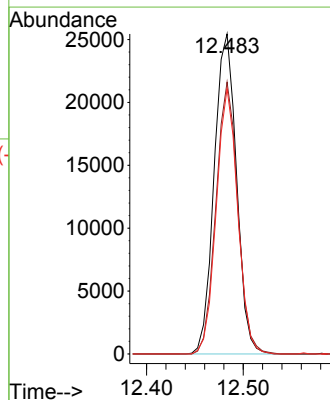
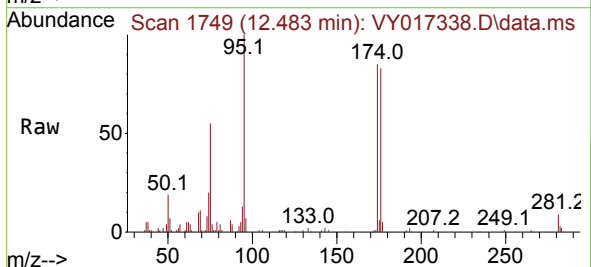
Tgt Ion: 95 Resp: 40727

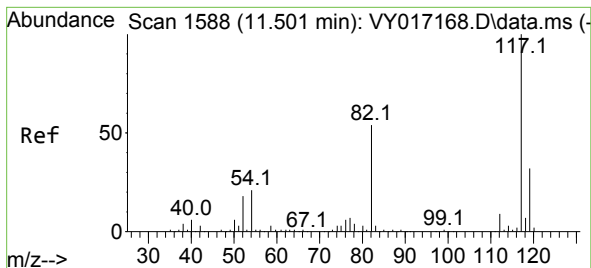
Ion Ratio Lower Upper

95 100

174 82.9 0.0 160.0

176 79.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017338.D

Acq: 09 Feb 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-8(10-11)

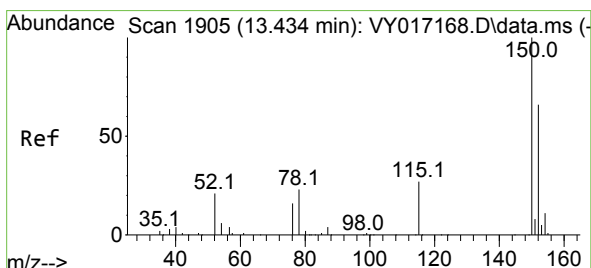
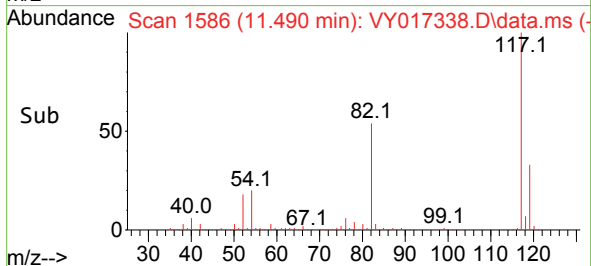
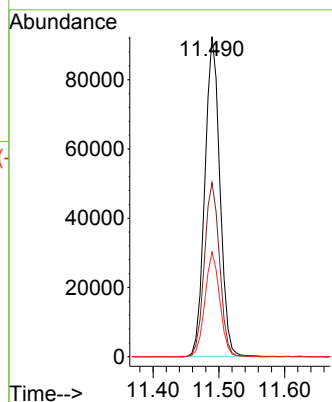
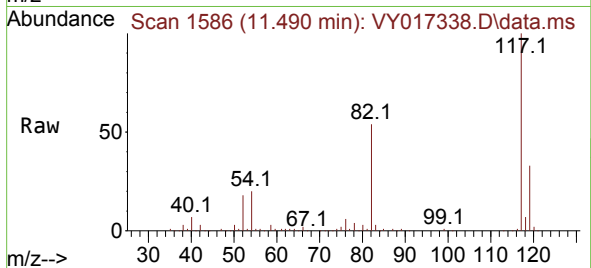
Tgt Ion:117 Resp: 147111

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017338.D

Acq: 09 Feb 2024 14:43

Tgt Ion:152 Resp: 57933

Ion Ratio Lower Upper

152 100

115 57.3 30.0 90.0

150 156.9 0.0 344.6

