

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018001.D
 Acq On : 19 Apr 2024 16:10
 Operator : SY/MD
 Sample : P2188-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 222177

Quant Time: Apr 19 23:26:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

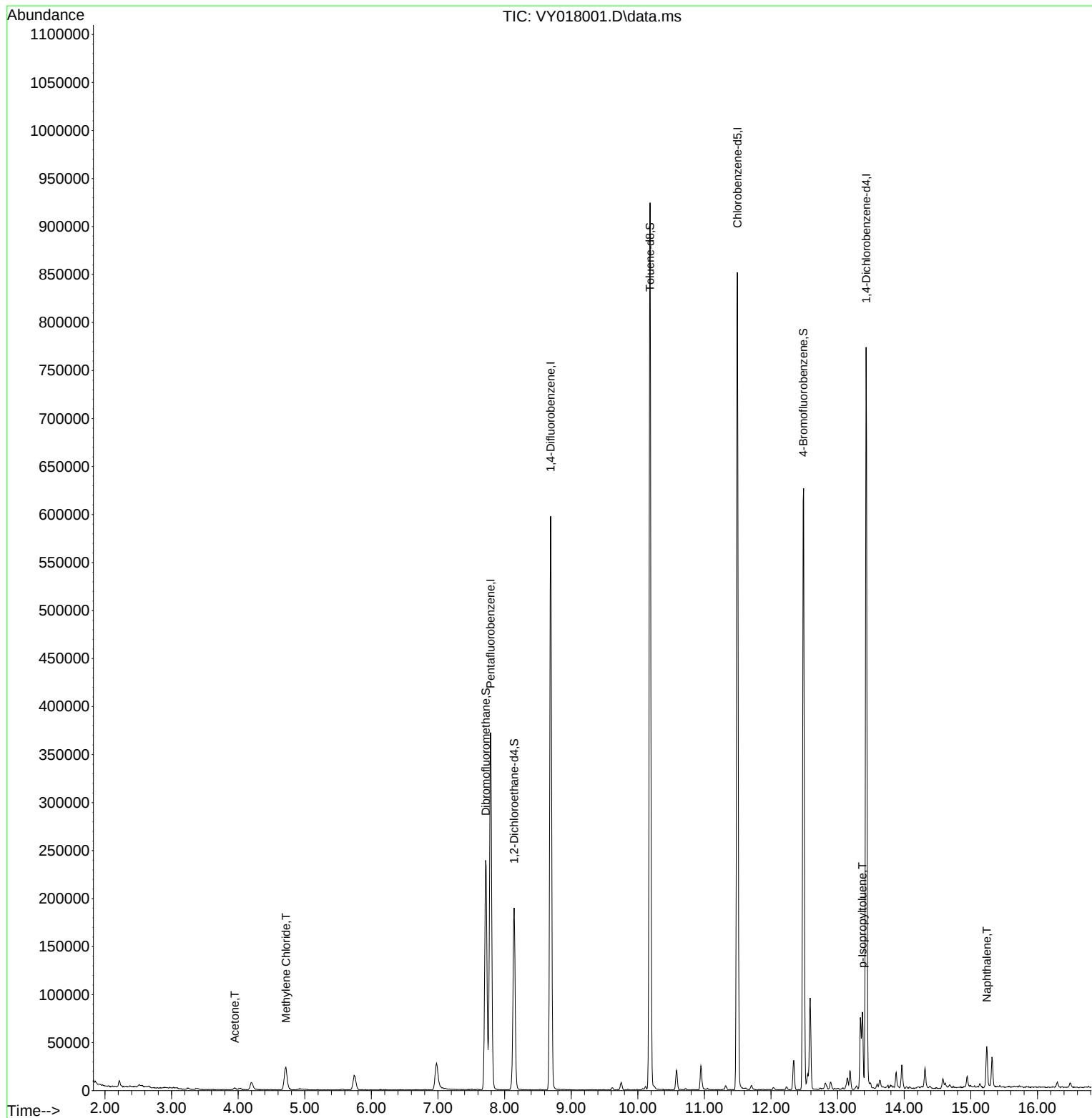
Internal Standards						
1) Pentafluorobenzene	7.789	168	322596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	550986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	506786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	213710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141383	50.645	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	101.280%	
35) Dibromofluoromethane	7.716	113	174298	51.275	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.560%	
50) Toluene-d8	10.185	98	632615	49.046	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	98.100%	
62) 4-Bromofluorobenzene	12.483	95	183313	45.889	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	91.780%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3406	6.175	ug/l #	85
20) Methylene Chloride	4.716	84	19211	5.141	ug/l	100
86) p-Isopropyltoluene	13.373	119	45330	3.257	ug/l #	86
95) Naphthalene	15.239	128	37571	6.069	ug/l	100

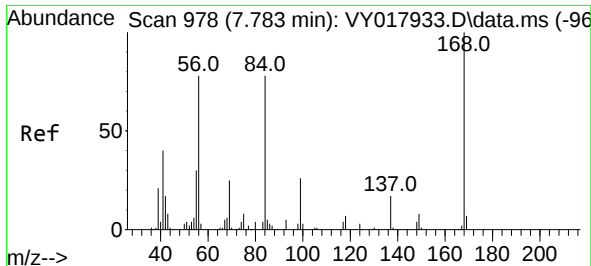
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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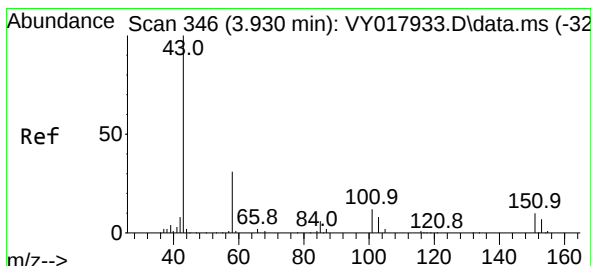
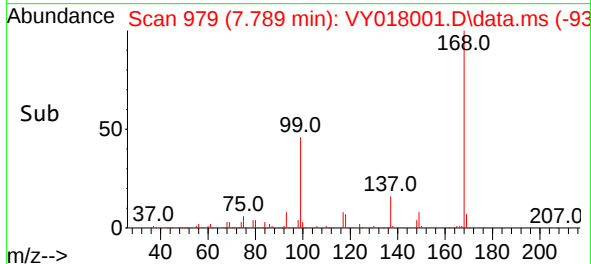
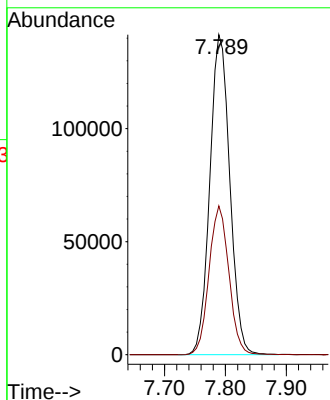
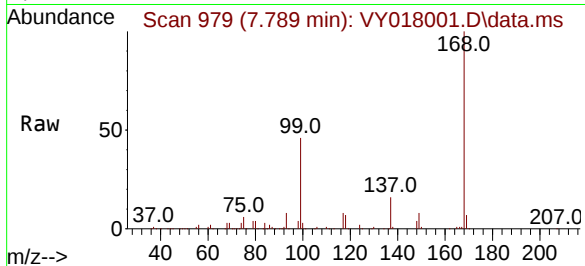




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018001.D
Acq: 19 Apr 2024 16:10

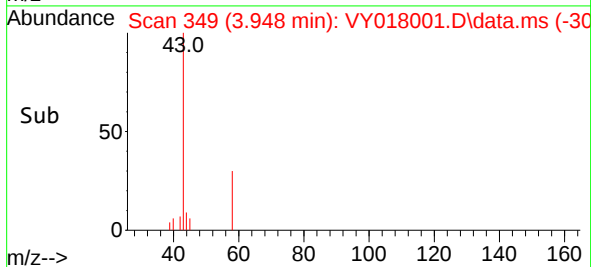
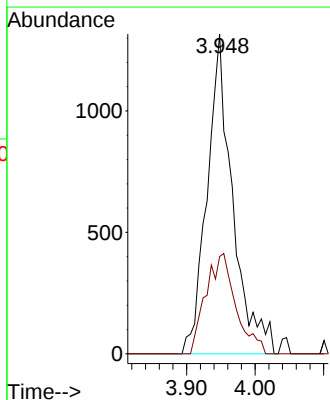
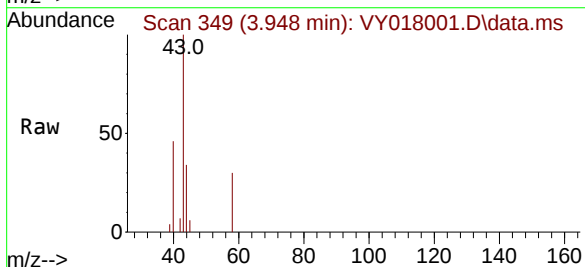
Instrument :
MSVOA_Y
ClientSampleId :
222177

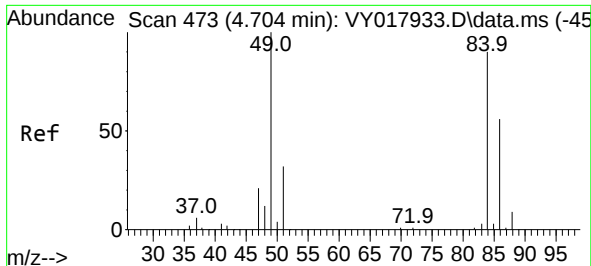
Tgt Ion:168 Resp: 322596
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#16
Acetone
Concen: 6.175 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018001.D
Acq: 19 Apr 2024 16:10

Tgt Ion: 43 Resp: 3406
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#

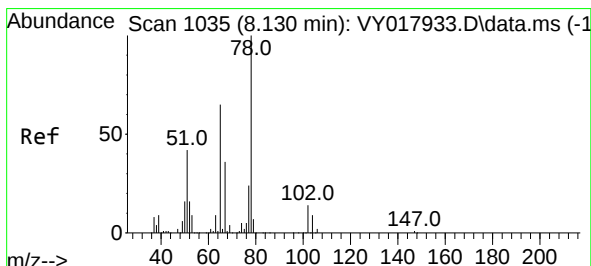
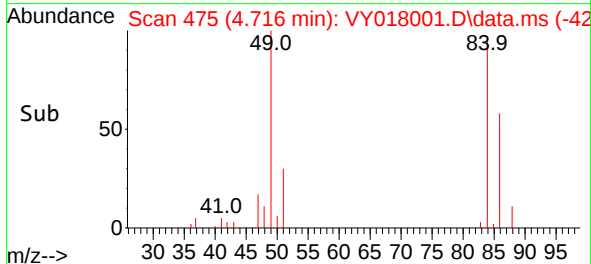
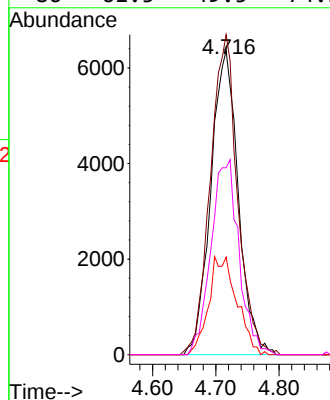
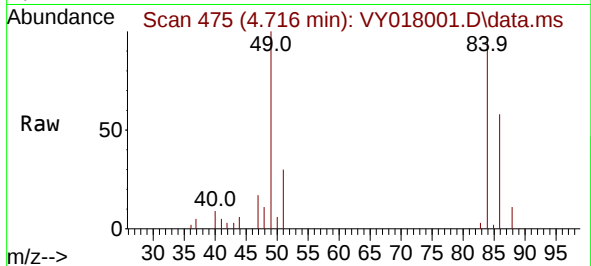




#20
Methylene Chloride
Concen: 5.141 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018001.D
Acq: 19 Apr 2024 16:10

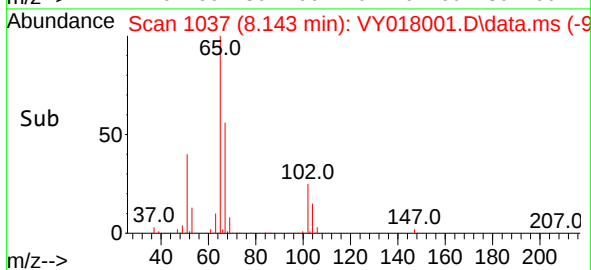
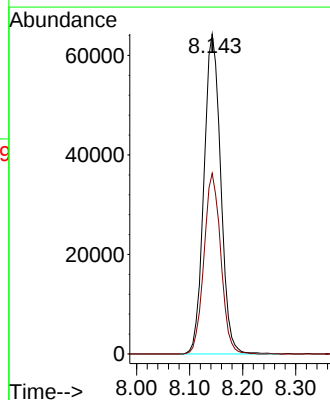
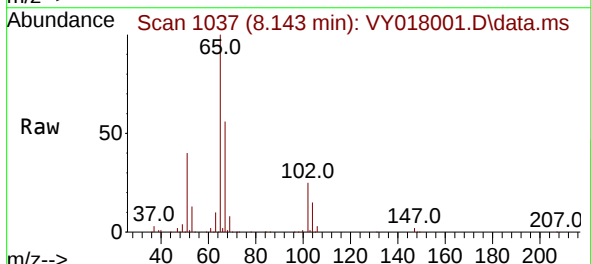
Instrument :
MSVOA_Y
ClientSampleId :
222177

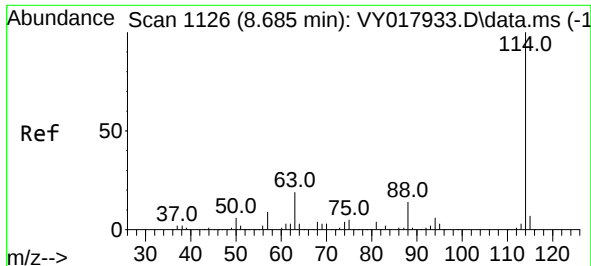
Tgt Ion:	84	Resp:	19211
Ion	Ratio	Lower	Upper
84	100		
49	105.3	84.4	126.6
51	32.1	26.0	39.0
86	61.5	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 50.645 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018001.D
Acq: 19 Apr 2024 16:10

Tgt Ion:	65	Resp:	141383
Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018001.D

Acq: 19 Apr 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

222177

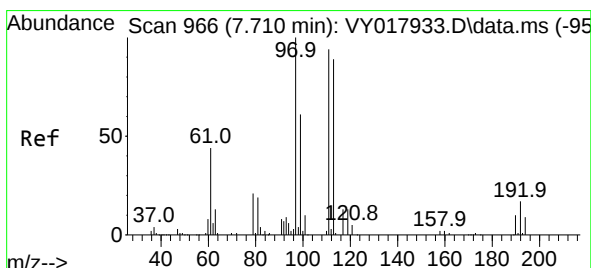
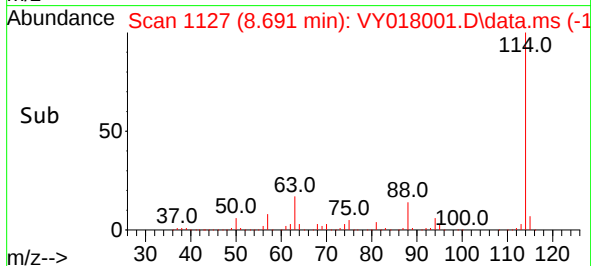
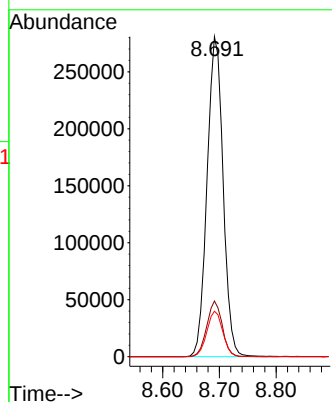
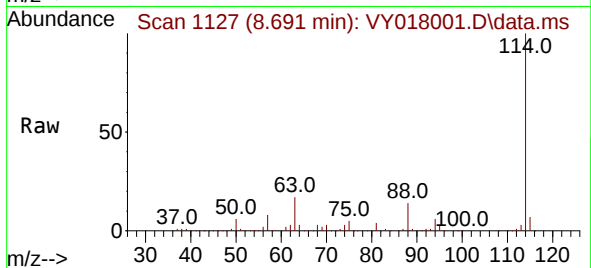
Tgt Ion:114 Resp: 550986

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.275 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018001.D

Acq: 19 Apr 2024 16:10

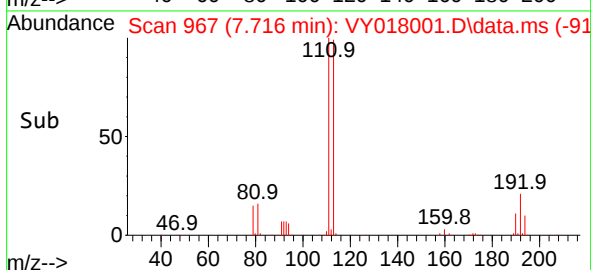
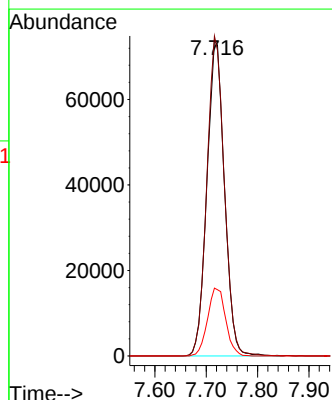
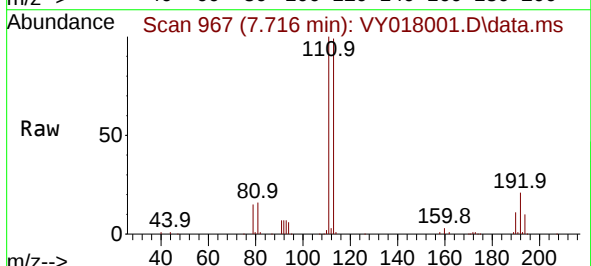
Tgt Ion:113 Resp: 174298

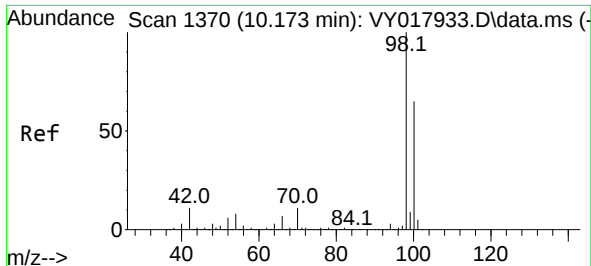
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 22.2 15.9 23.9

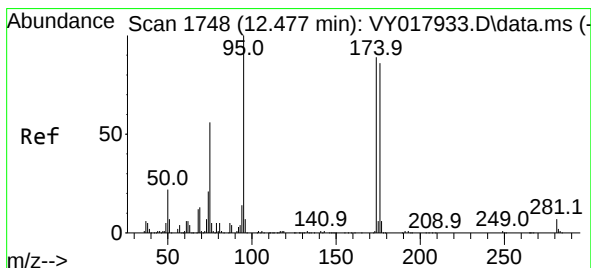
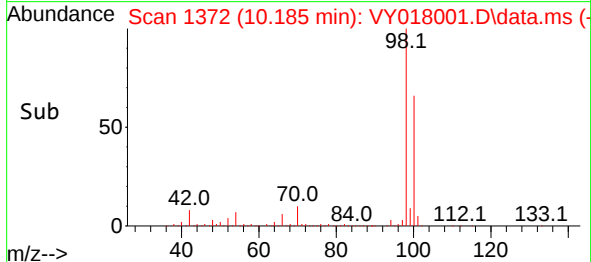
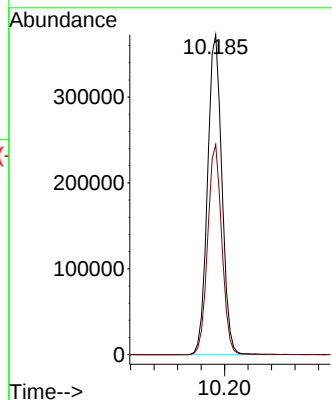
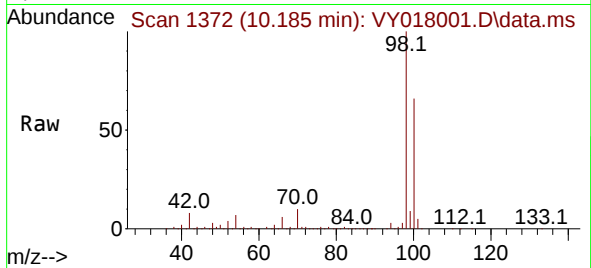




#50
Toluene-d8
Concen: 49.046 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018001.D
Acq: 19 Apr 2024 16:10

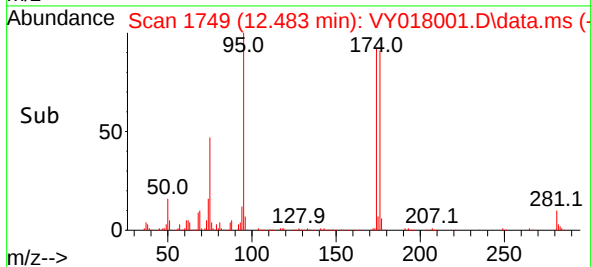
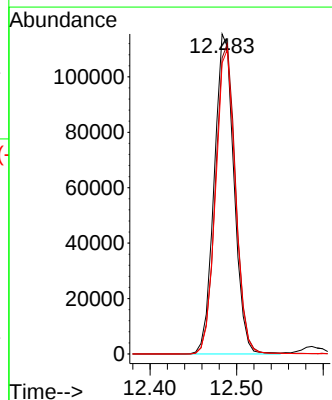
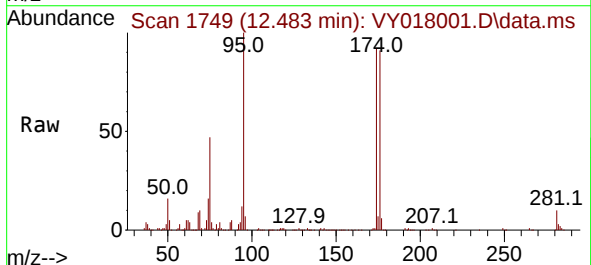
Instrument :
MSVOA_Y
ClientSampleId :
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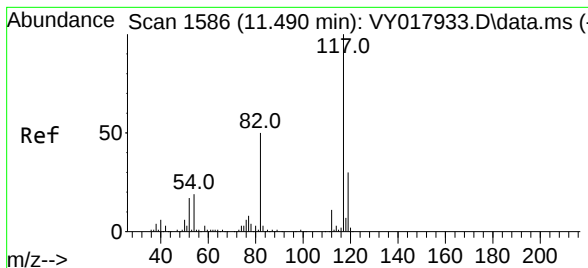
Tgt Ion: 98 Resp: 632615
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.889 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018001.D
Acq: 19 Apr 2024 16:10

Tgt Ion: 95 Resp: 183313
Ion Ratio Lower Upper
95 100
174 97.8 0.0 175.6
176 94.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018001.D

Acq: 19 Apr 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

222177

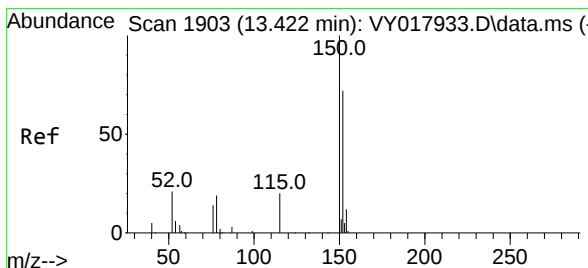
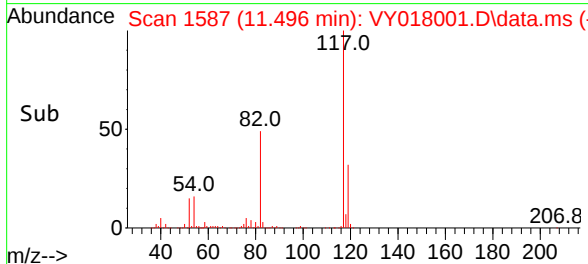
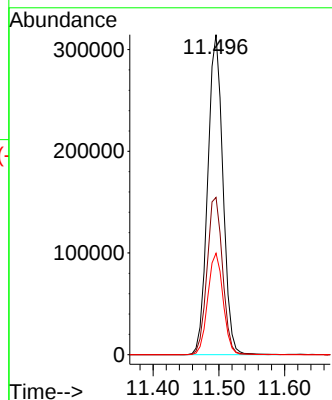
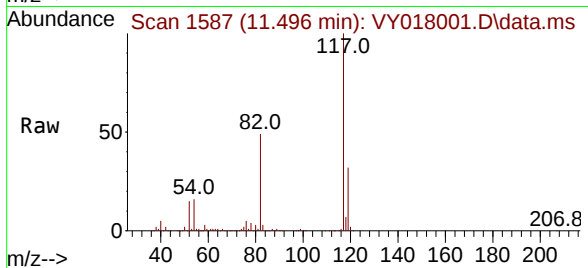
Tgt Ion:117 Resp: 506786

Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018001.D

Acq: 19 Apr 2024 16:10

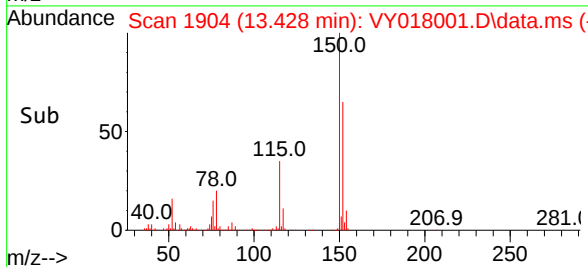
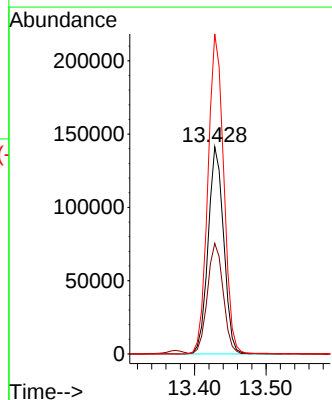
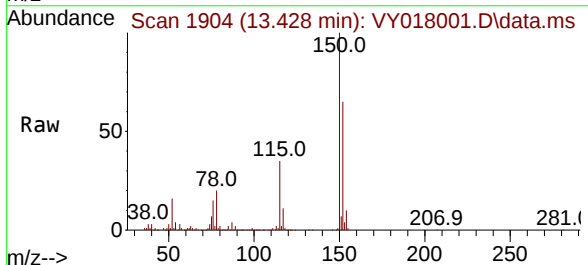
Tgt Ion:152 Resp: 213710

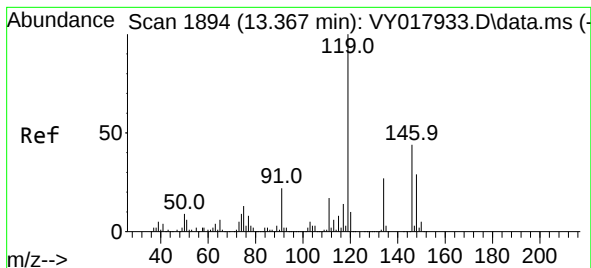
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 157.0 0.0 345.6





#86

p-Isopropyltoluene

Concen: 3.257 ug/l

RT: 13.373 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY018001.D

Acq: 19 Apr 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

222177

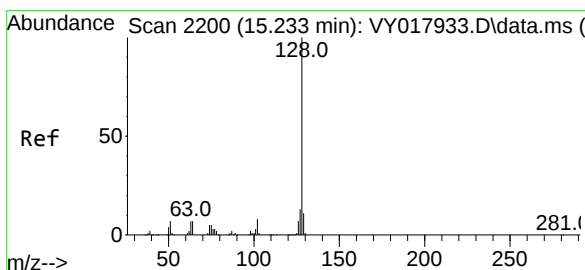
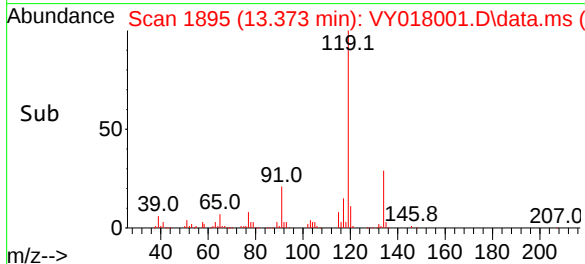
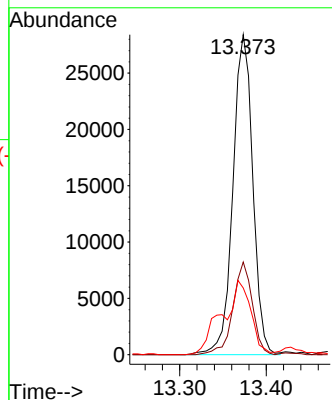
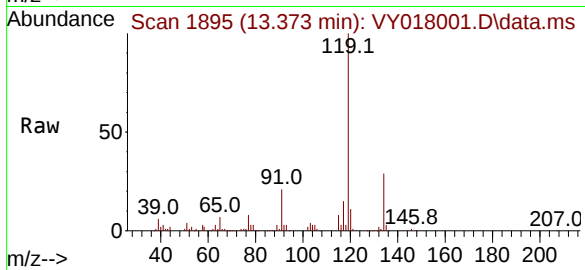
Tgt Ion:119 Resp: 45330

Ion Ratio Lower Upper

119 100

134 28.2 13.1 39.3

91 33.5 10.7 32.1#



#95

Naphthalene

Concen: 6.069 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018001.D

Acq: 19 Apr 2024 16:10

Tgt Ion:128 Resp: 37571

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0

