

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018020.D
 Acq On : 23 Apr 2024 11:49
 Operator : SY/MD
 Sample : P2227-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-04222024

Quant Time: Apr 23 15:29:12 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)

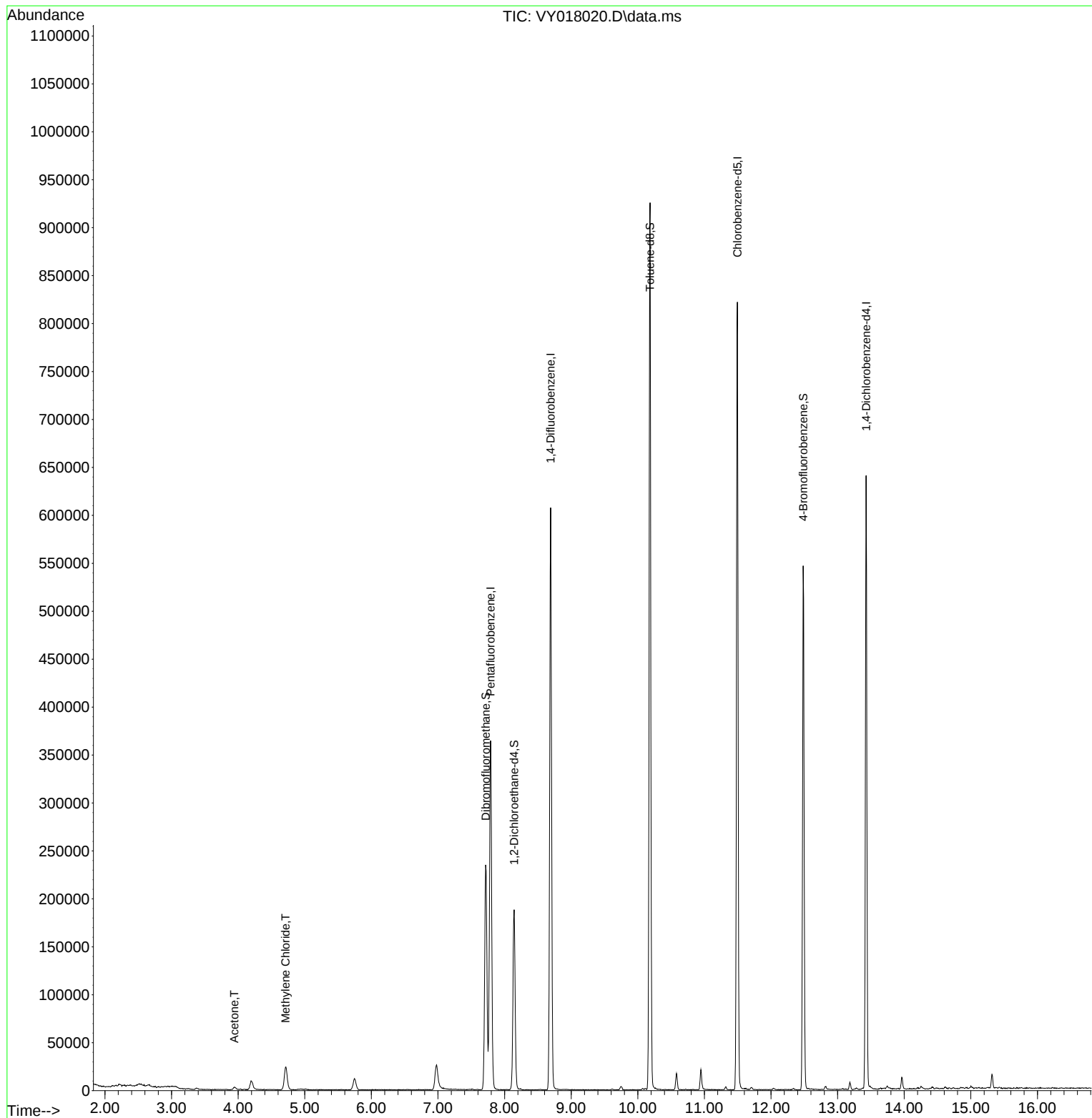
Internal Standards						
1) Pentafluorobenzene	7.789	168	298502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	527040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	467346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142056	54.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.980%	
35) Dibromofluoromethane	7.716	113	169816	52.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.460%	
50) Toluene-d8	10.185	98	619732	50.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.483	95	159758	41.810	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.620%	
Target Compounds						
16) Acetone	3.942	43	5091	9.974	ug/l	98
20) Methylene Chloride	4.710	84	18890	5.463	ug/l	95

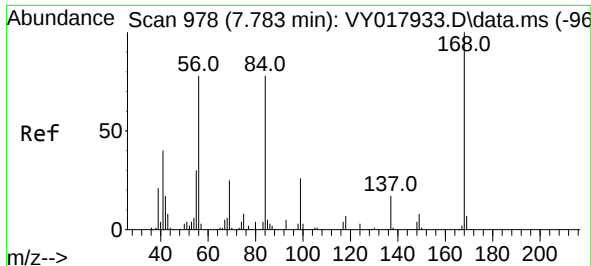
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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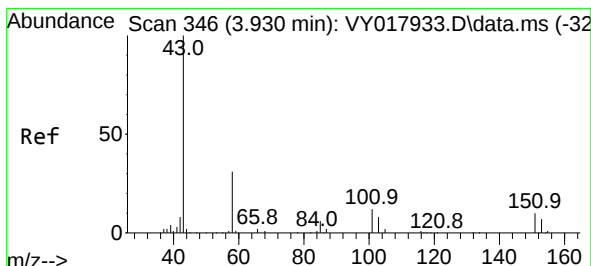
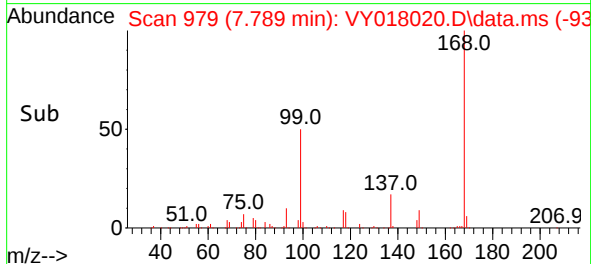
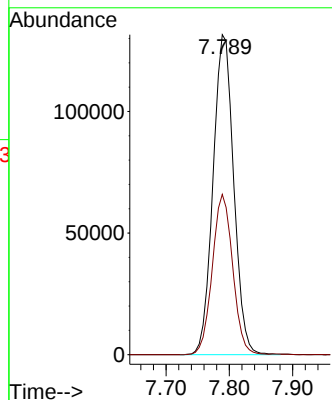
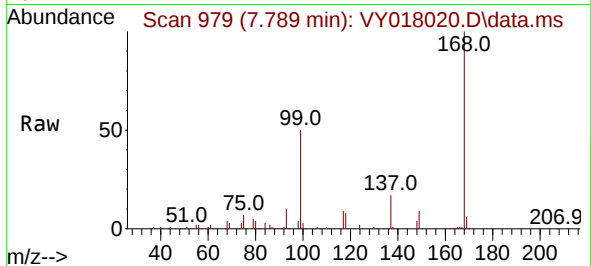




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018020.D
Acq: 23 Apr 2024 11:49

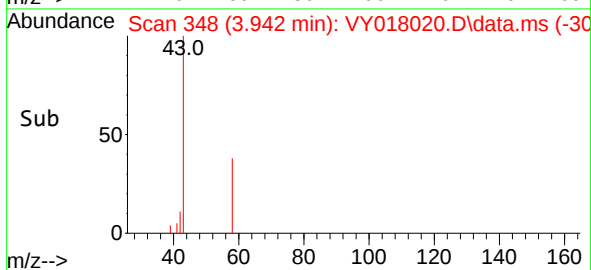
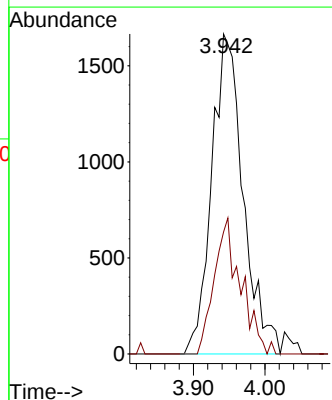
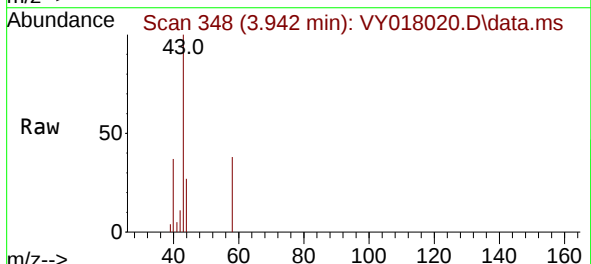
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-04222024

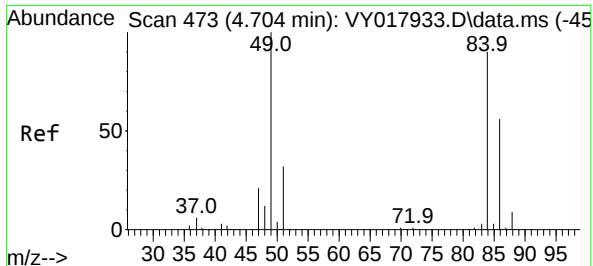
Tgt Ion:168 Resp: 298502
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#16
Acetone
Concen: 9.974 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018020.D
Acq: 23 Apr 2024 11:49

Tgt Ion: 43 Resp: 5091
Ion Ratio Lower Upper
43 100
58 38.1 31.7 47.5





#20

Methylene Chloride

Concen: 5.463 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY018020.D

Acq: 23 Apr 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-04222024

Tgt Ion: 84 Resp: 18890

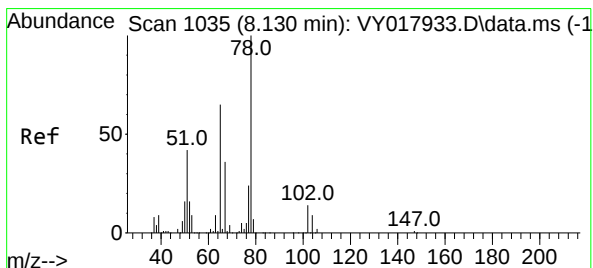
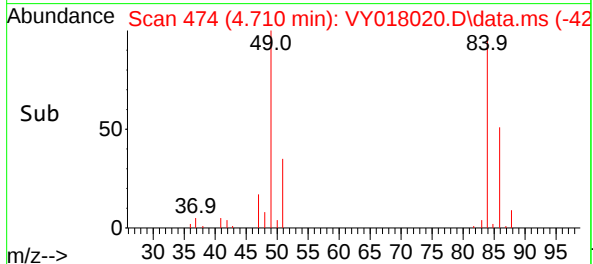
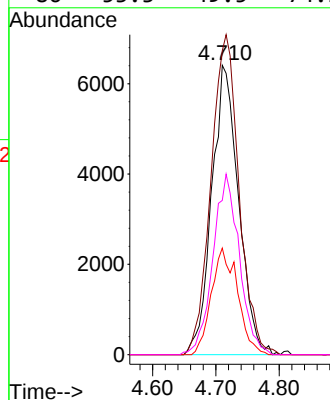
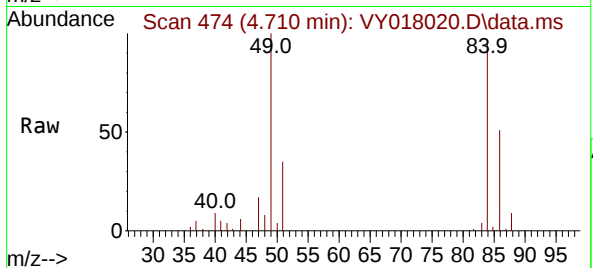
Ion Ratio Lower Upper

84 100

49 105.0 84.4 126.6

51 36.8 26.0 39.0

86 53.3 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 54.993 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY018020.D

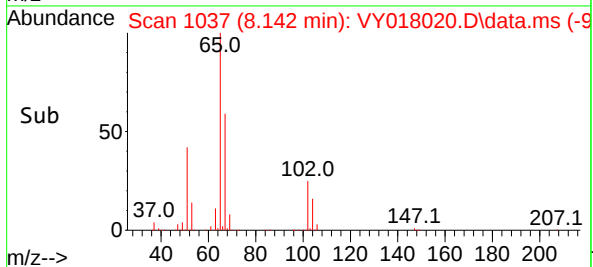
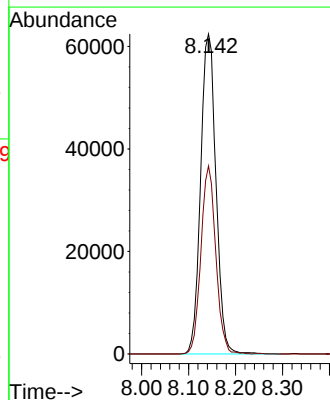
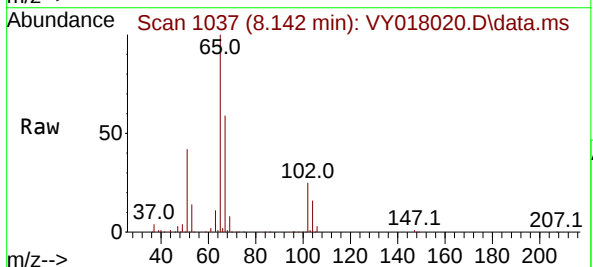
Acq: 23 Apr 2024 11:49

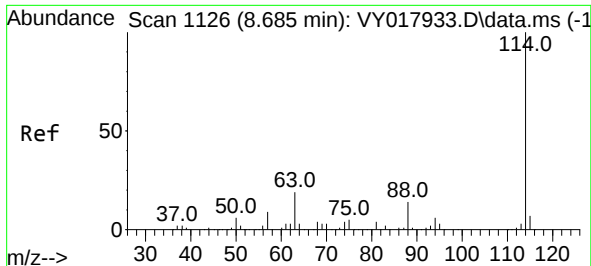
Tgt Ion: 65 Resp: 142056

Ion Ratio Lower Upper

65 100

67 56.9 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: VY018020.D

Acq: 23 Apr 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-04222024

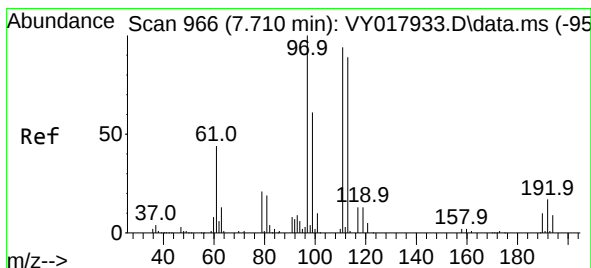
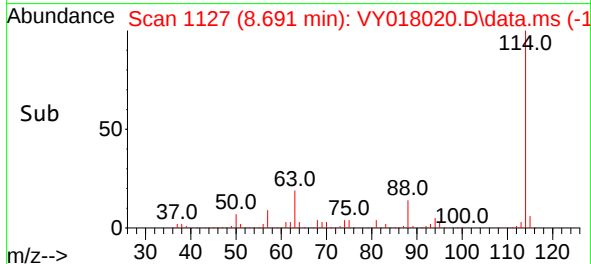
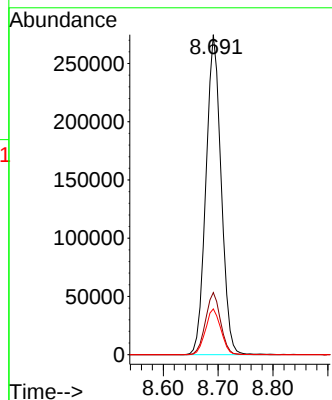
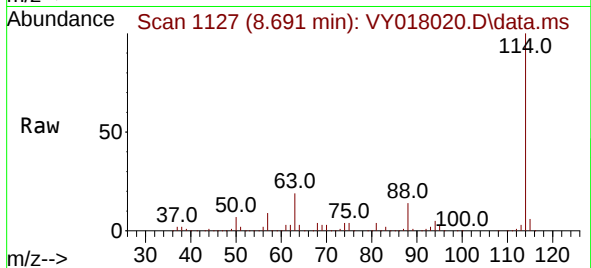
Tgt Ion:114 Resp: 527040

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.227 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018020.D

Acq: 23 Apr 2024 11:49

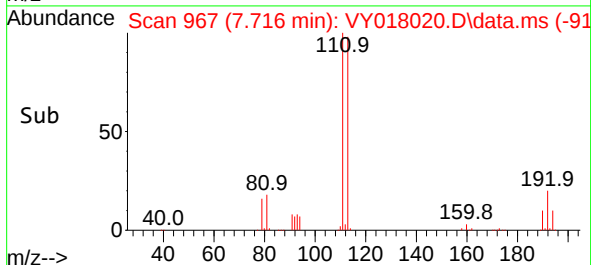
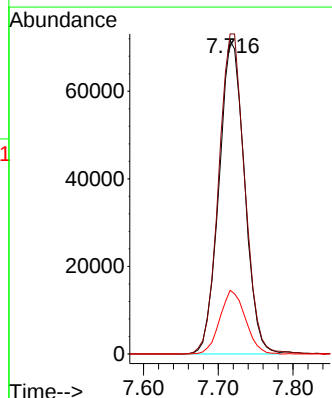
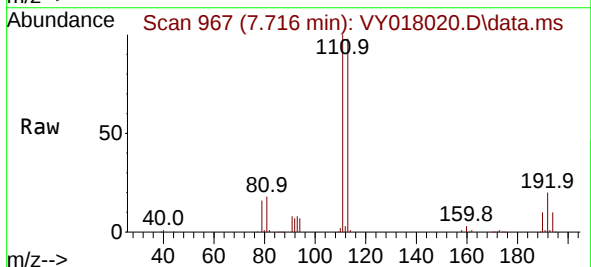
Tgt Ion:113 Resp: 169816

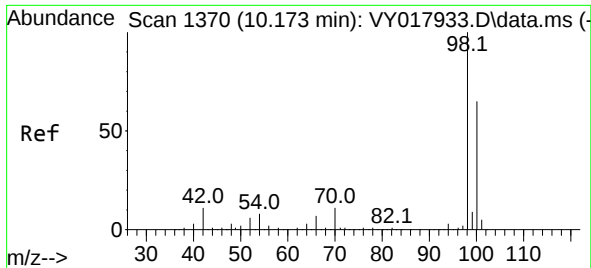
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 20.3 15.9 23.9

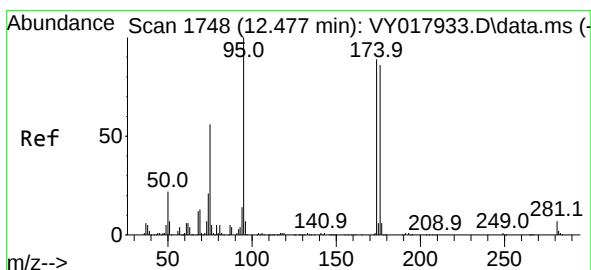
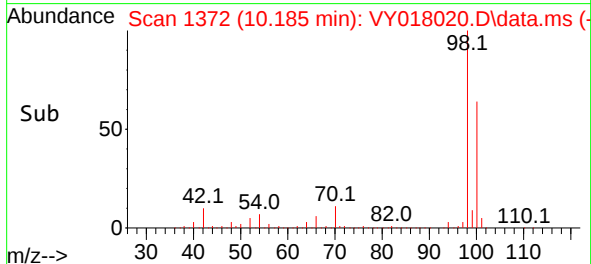
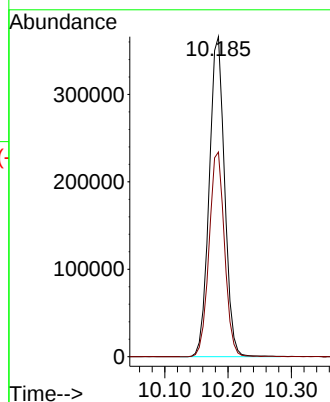
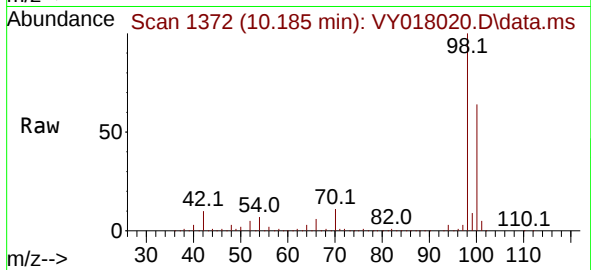




#50
Toluene-d8
Concen: 50.230 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018020.D
Acq: 23 Apr 2024 11:49

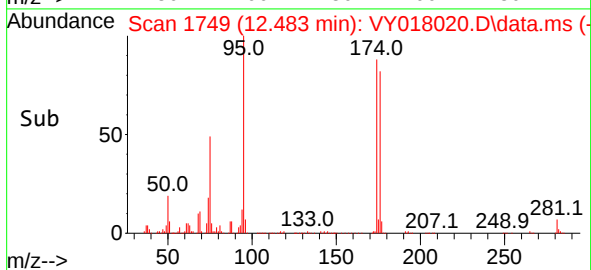
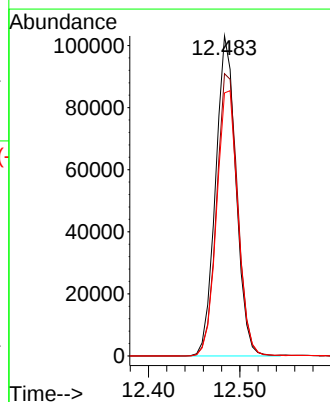
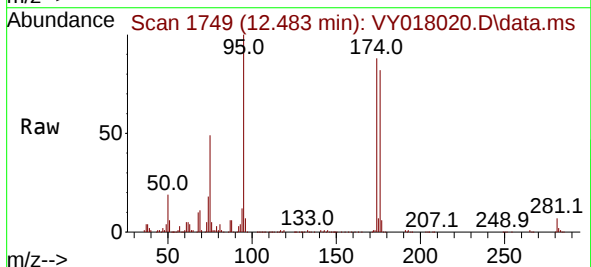
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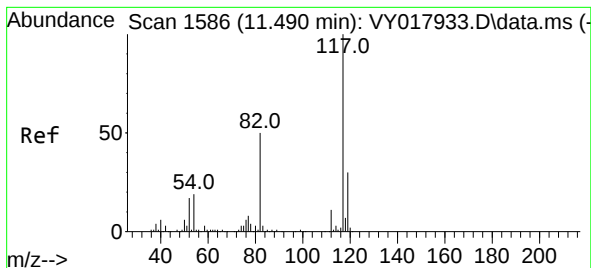
Tgt Ion: 98 Resp: 619732
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.810 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018020.D
Acq: 23 Apr 2024 11:49

Tgt Ion: 95 Resp: 159758
Ion Ratio Lower Upper
95 100
174 91.9 0.0 175.6
176 86.9 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: VY018020.D

Acq: 23 Apr 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-04222024

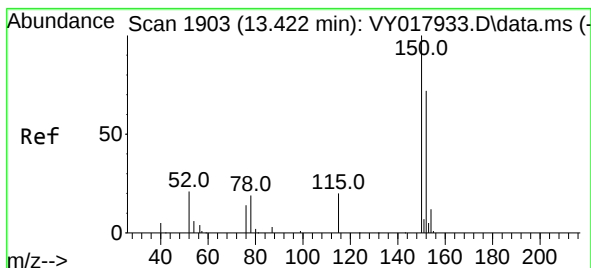
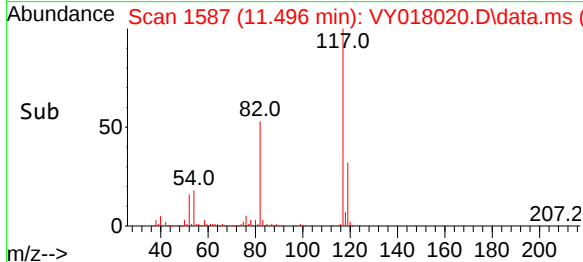
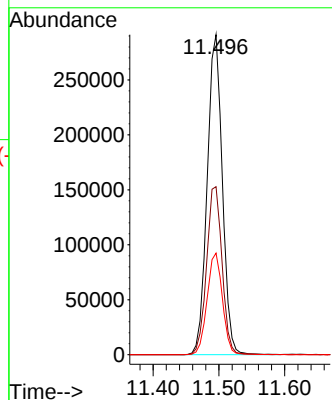
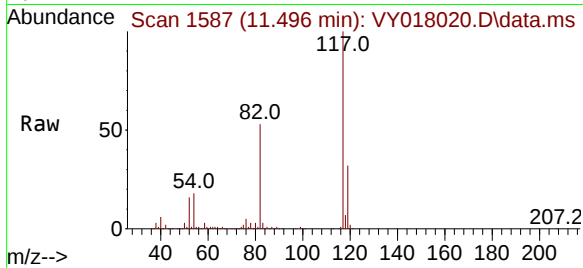
Tgt Ion:117 Resp: 467346

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 31.8 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: VY018020.D

Acq: 23 Apr 2024 11:49

Tgt Ion:152 Resp: 166925

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 158.2 0.0 345.6

