

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018000.D
 Acq On : 19 Apr 2024 15:46
 Operator : SY/MD
 Sample : P2196-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041824

Quant Time: Apr 19 23:25:55 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)

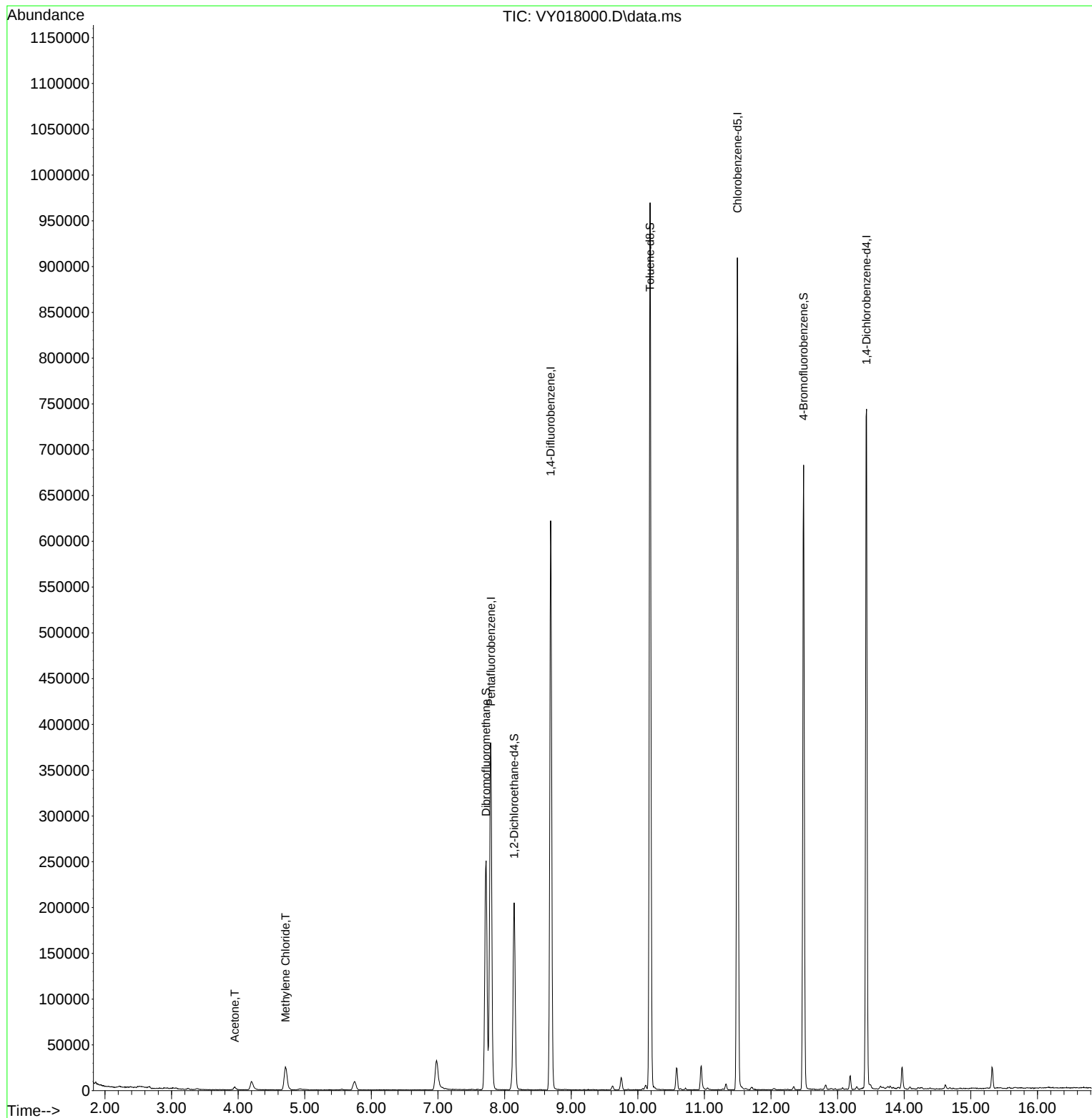
Internal Standards						
1) Pentafluorobenzene	7.795	168	334670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	573081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	537942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	217680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	149733	51.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.400%
35) Dibromofluoromethane	7.722	113	182007	51.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.960%
50) Toluene-d8	10.185	98	662499	49.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.489	95	193322	46.529	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.060%
Target Compounds						Qvalue
16) Acetone	3.948	43	4873	8.516	ug/l	# 85
20) Methylene Chloride	4.710	84	21130	5.450	ug/l	96

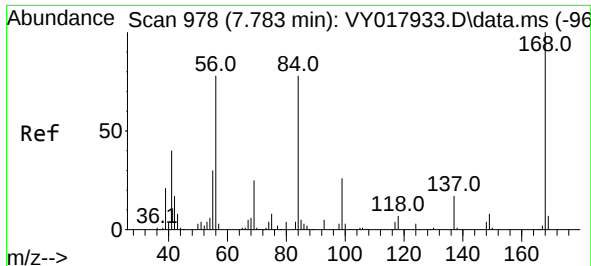
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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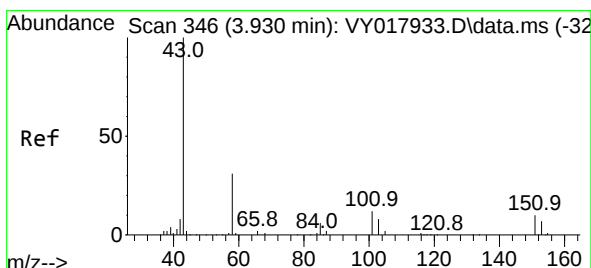
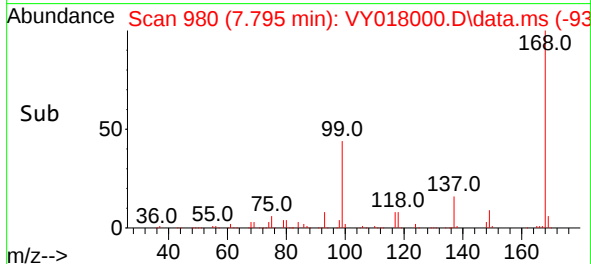
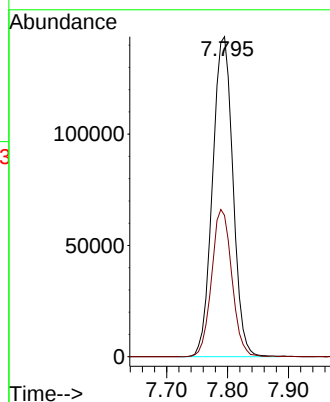
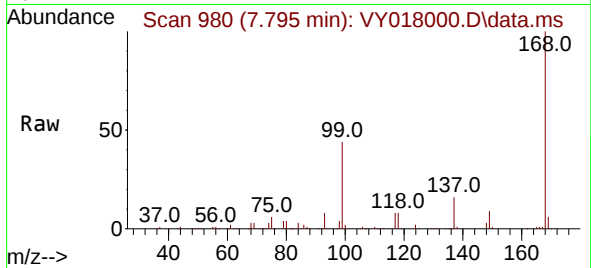




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

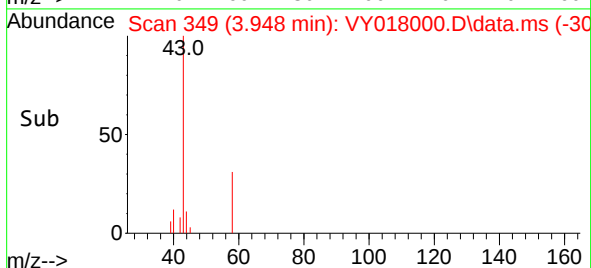
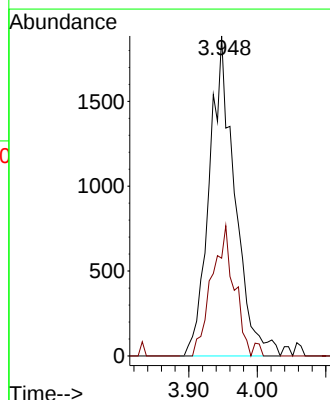
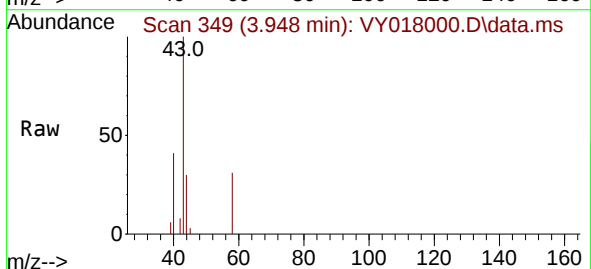
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041824

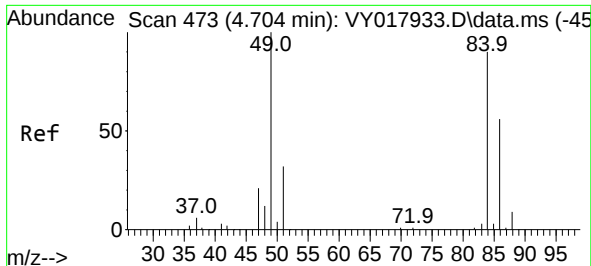
Tgt Ion:168 Resp: 334670
Ion Ratio Lower Upper
168 100
99 44.2 39.1 58.7



#16
Acetone
Concen: 8.516 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 43 Resp: 4873
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#





#20

Methylene Chloride

Concen: 5.450 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-041824

Tgt Ion: 84 Resp: 21130

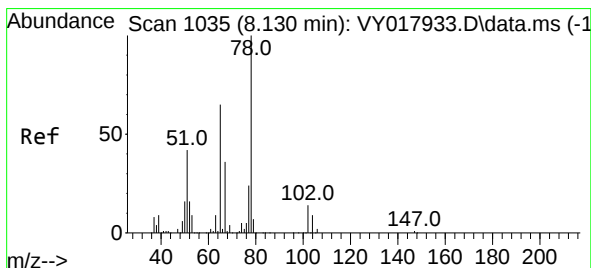
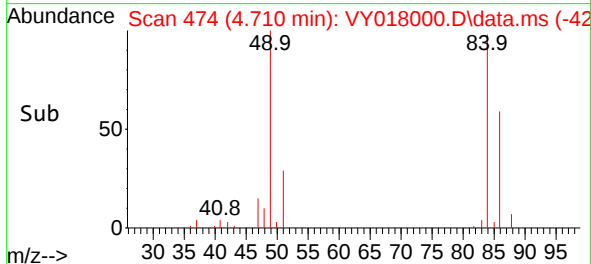
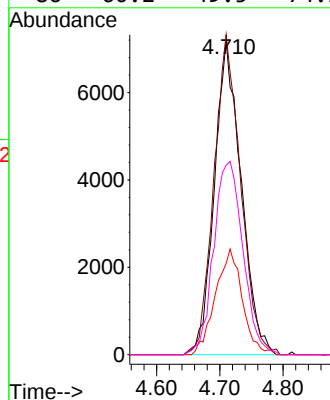
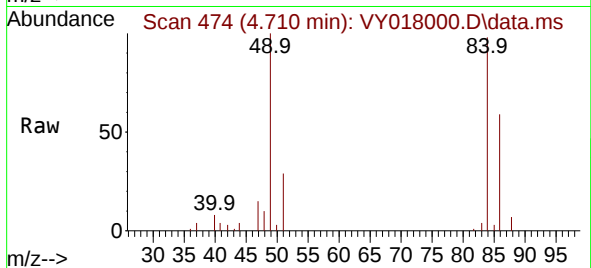
Ion Ratio Lower Upper

84 100

49 101.6 84.4 126.6

51 29.0 26.0 39.0

86 60.2 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 51.701 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY018000.D

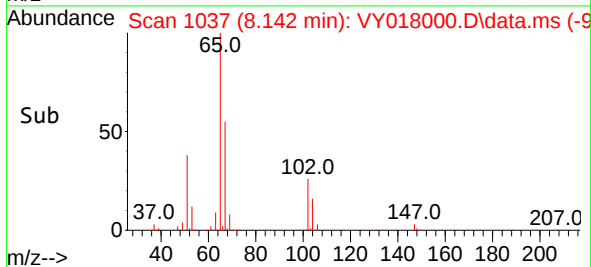
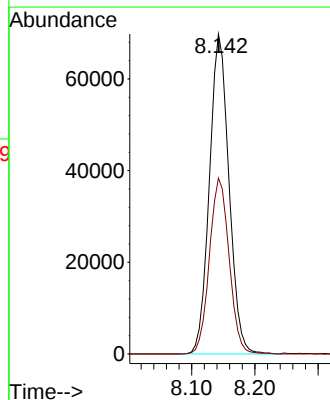
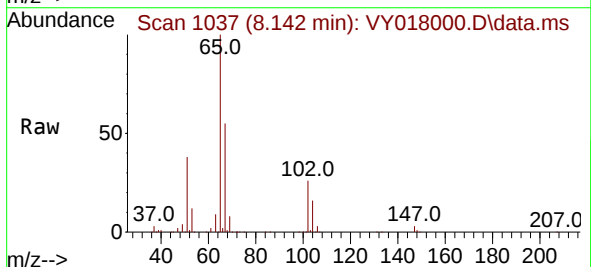
Acq: 19 Apr 2024 15:46

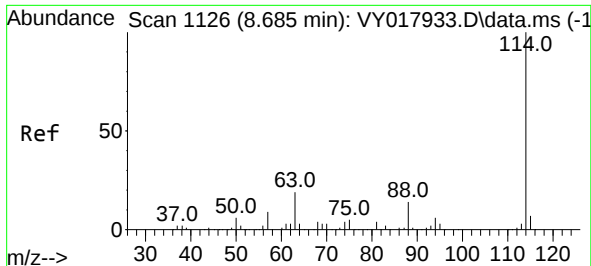
Tgt Ion: 65 Resp: 149733

Ion Ratio Lower Upper

65 100

67 55.5 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: VY018000.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-041824

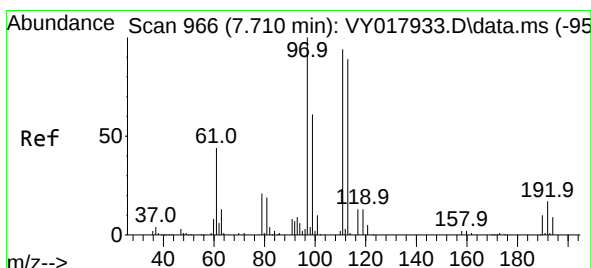
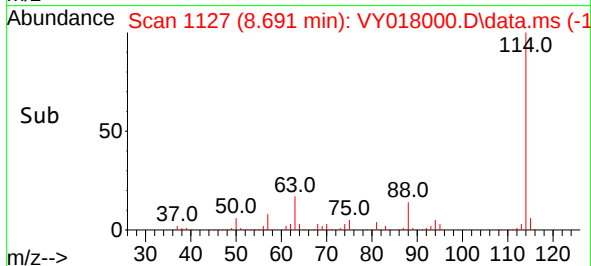
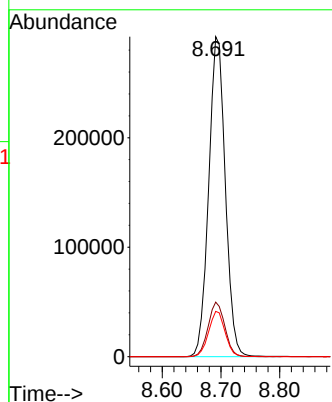
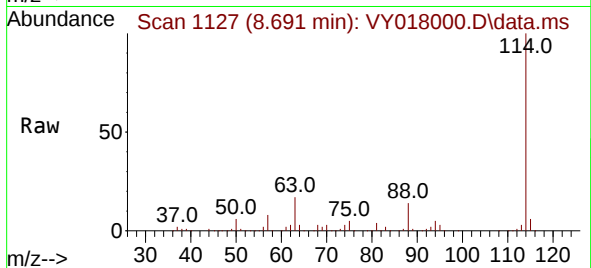
Tgt Ion:114 Resp: 573081

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.479 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

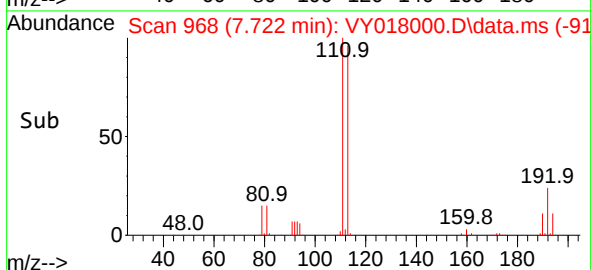
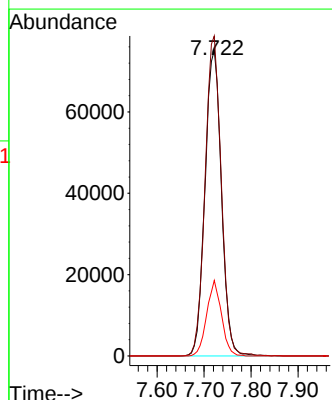
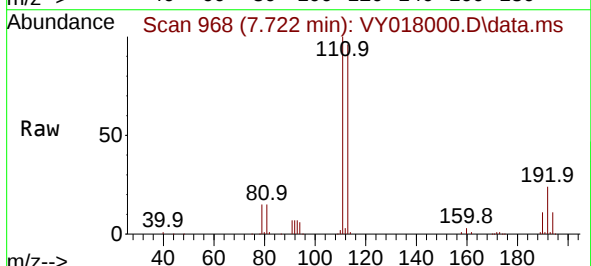
Tgt Ion:113 Resp: 182007

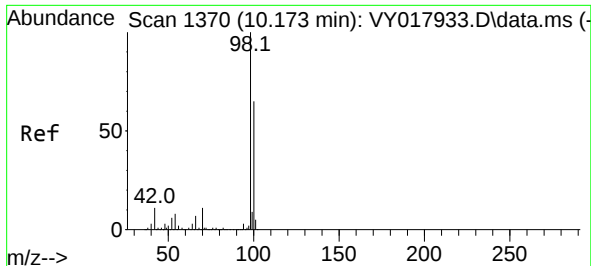
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 22.2 15.9 23.9

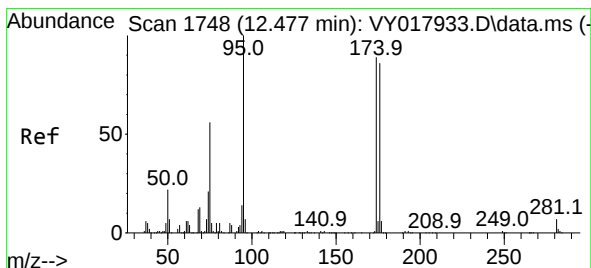
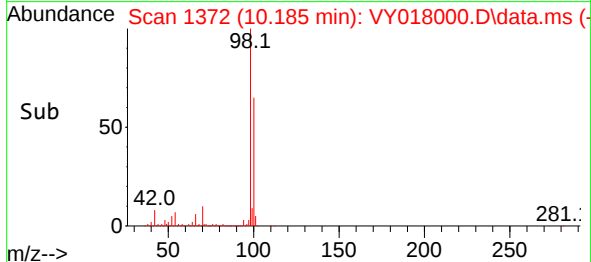
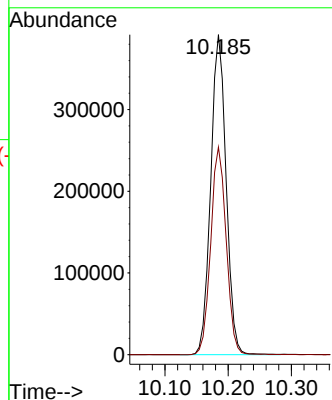
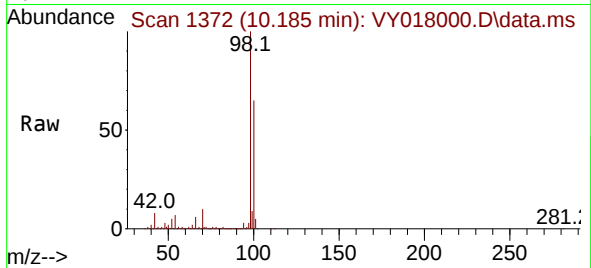




#50
Toluene-d8
Concen: 49.382 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

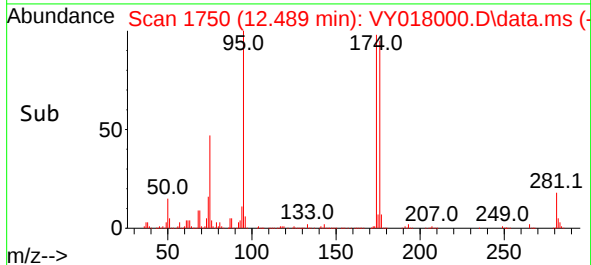
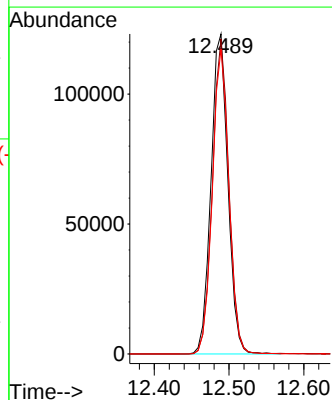
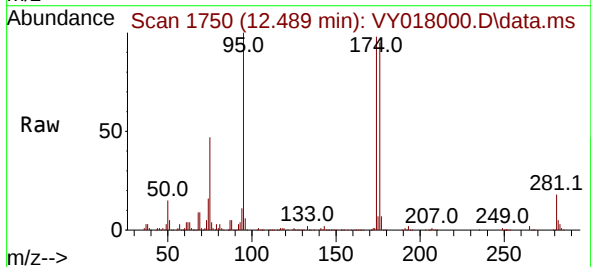
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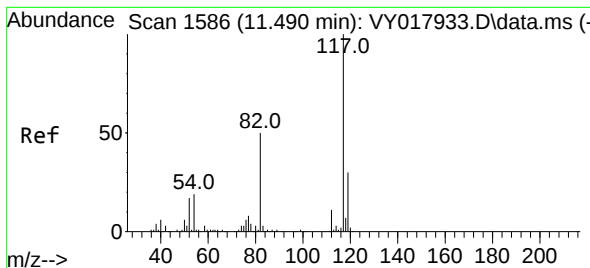
Tgt Ion: 98 Resp: 662499
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.529 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 95 Resp: 193322
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 93.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-041824

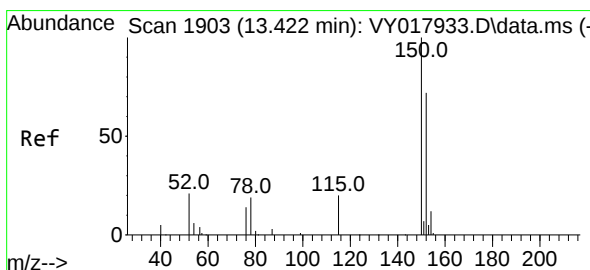
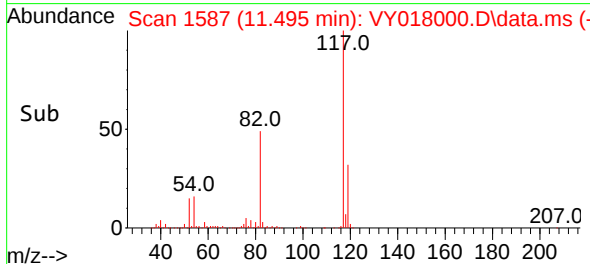
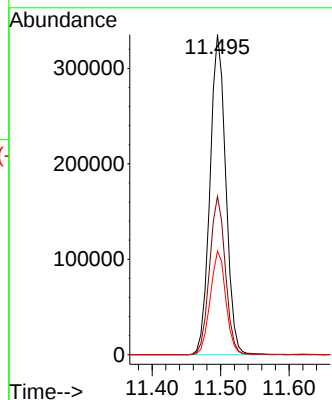
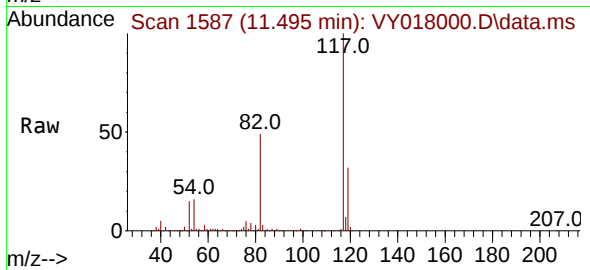
Tgt Ion:117 Resp: 537942

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

Tgt Ion:152 Resp: 217680

Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 156.3 0.0 345.6

