

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018998.D
 Acq On : 12 Aug 2024 13:32
 Operator : SY/MD
 Sample : P3519-09
 Misc : 4.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-20-080724

Quant Time: Aug 13 01:14:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

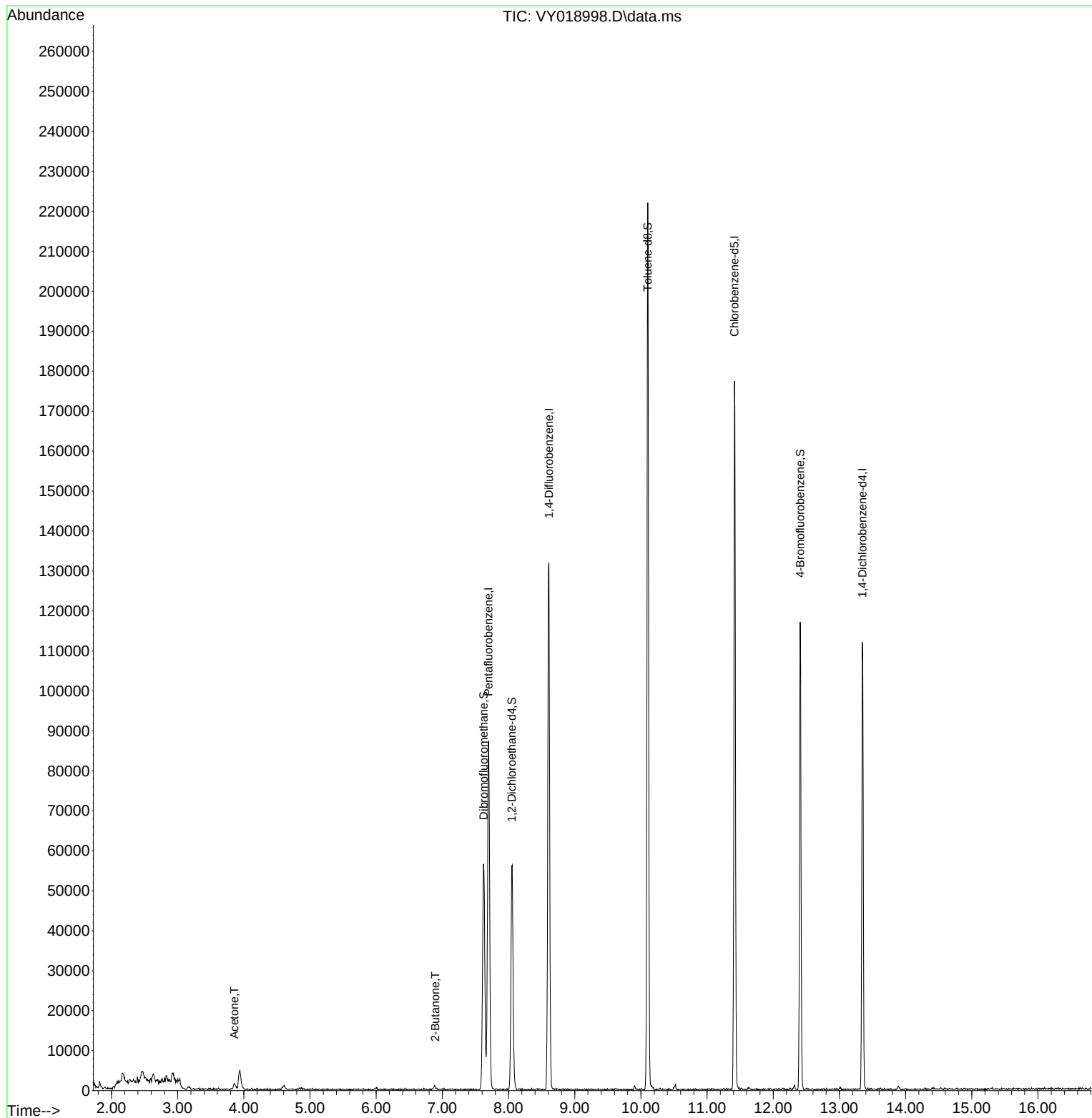
Internal Standards						
1) Pentafluorobenzene	7.695	168	71679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	116290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	86838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	26120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	35827	56.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.860%
35) Dibromofluoromethane	7.622	113	36039	48.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.103	98	132732	46.526	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.408	95	29004	34.268	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.540%
Target Compounds						
16) Acetone	3.854	43	2216	25.486	ug/l	96
25) 2-Butanone	6.890	43	1137	5.580	ug/l #	79

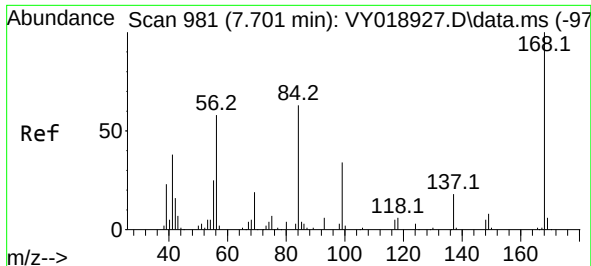
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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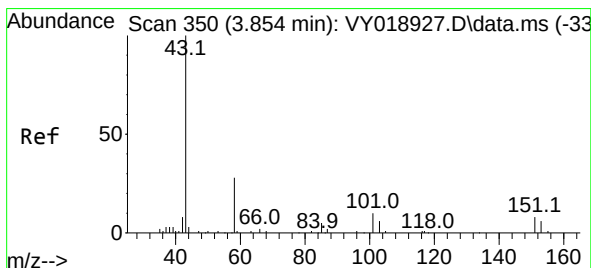
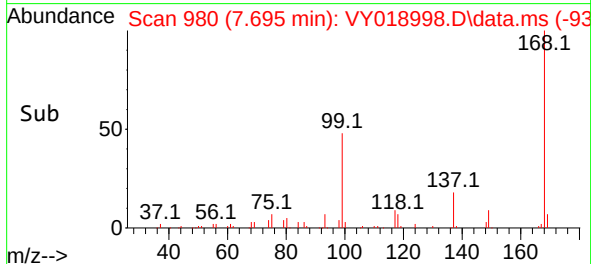
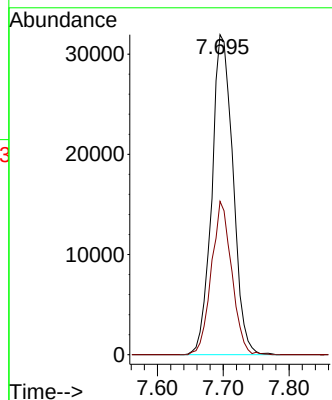
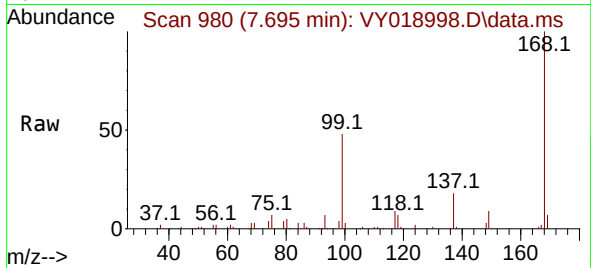




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018998.D
Acq: 12 Aug 2024 13:32

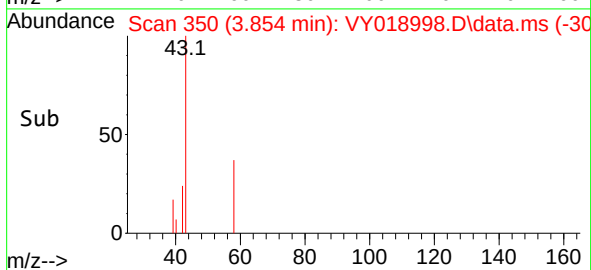
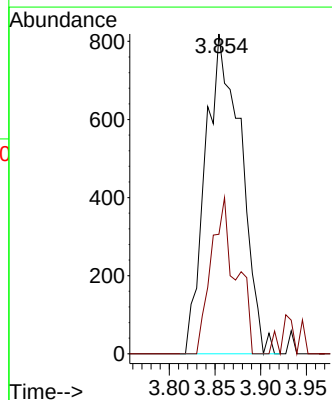
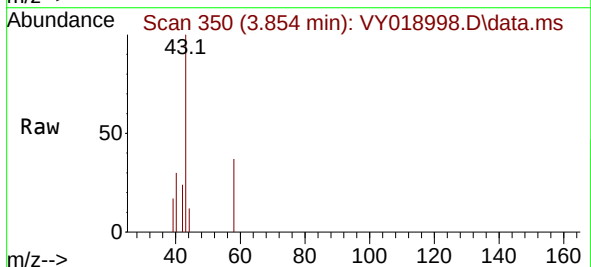
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-20-080724

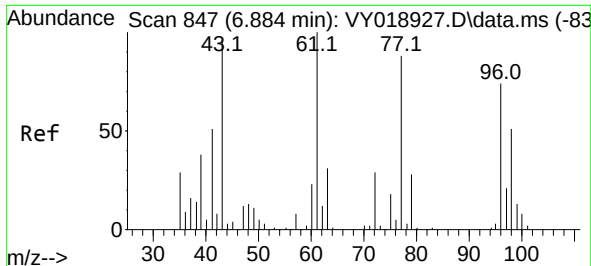
Tgt Ion:168 Resp: 71679
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#16
Acetone
Concen: 25.486 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018998.D
Acq: 12 Aug 2024 13:32

Tgt Ion: 43 Resp: 2216
Ion Ratio Lower Upper
43 100
58 37.4 31.7 47.5

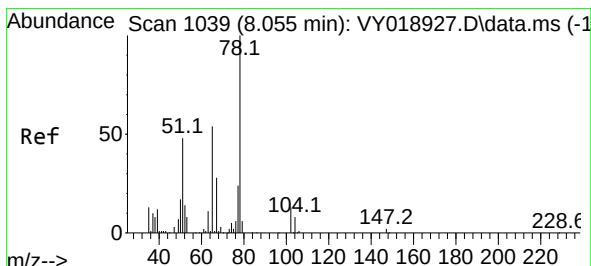
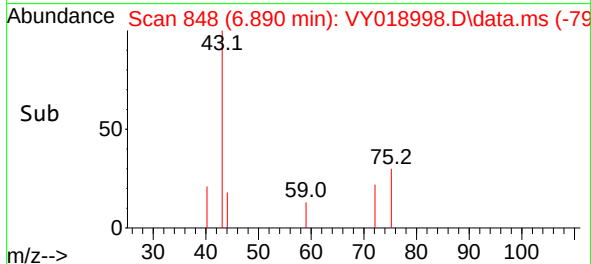
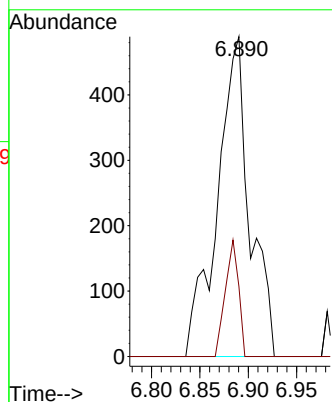
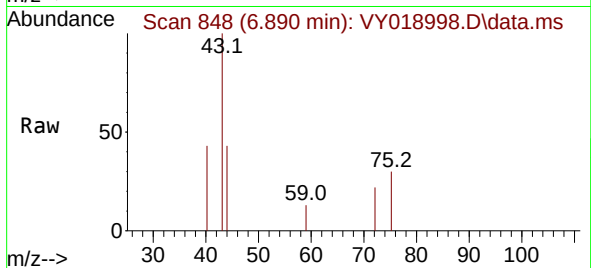




#25
2-Butanone
Concen: 5.580 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY018998.D
Acq: 12 Aug 2024 13:32

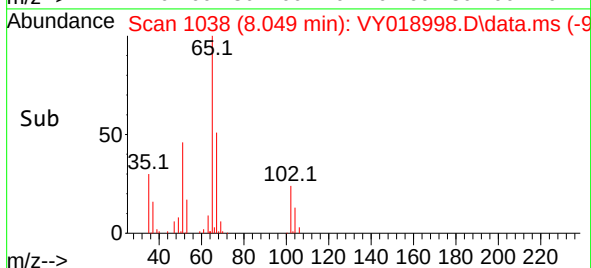
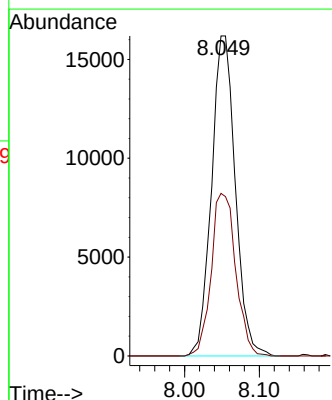
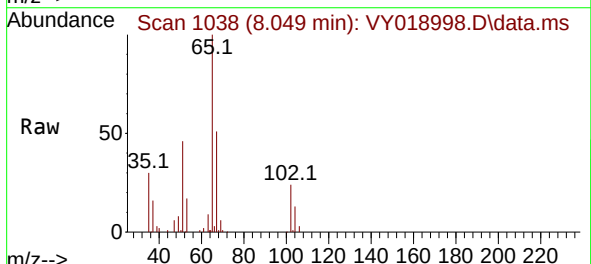
Instrument :
MSVOA_Y
ClientSampleId :
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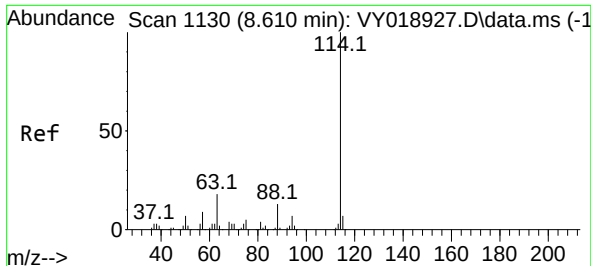
Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
72 21.9 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 56.928 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018998.D
Acq: 12 Aug 2024 13:32

Tgt Ion: 65 Resp: 35827
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018998.D

Acq: 12 Aug 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-20-080724

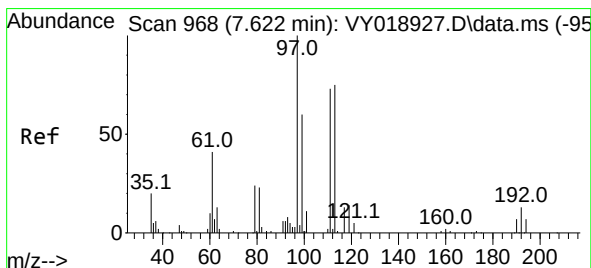
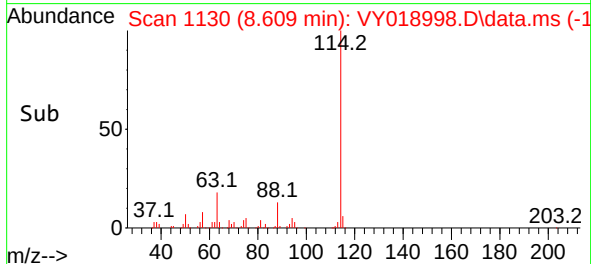
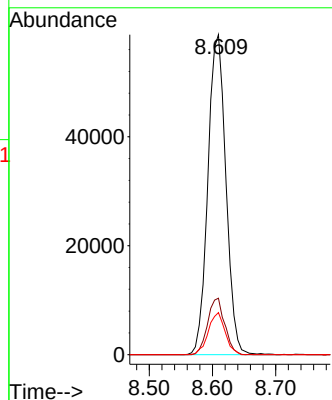
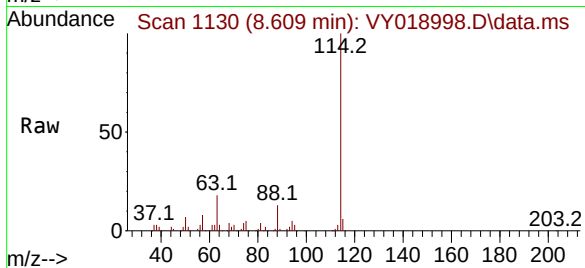
Tgt Ion:114 Resp: 116290

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.522 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018998.D

Acq: 12 Aug 2024 13:32

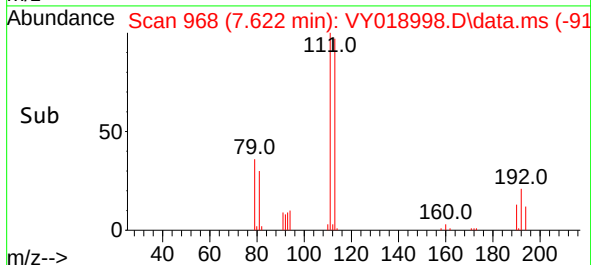
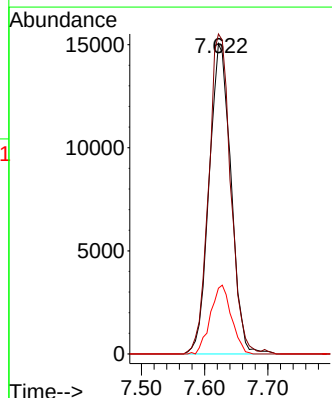
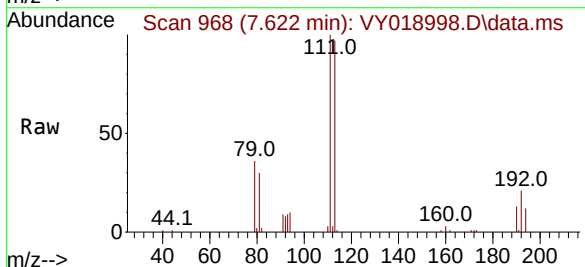
Tgt Ion:113 Resp: 36039

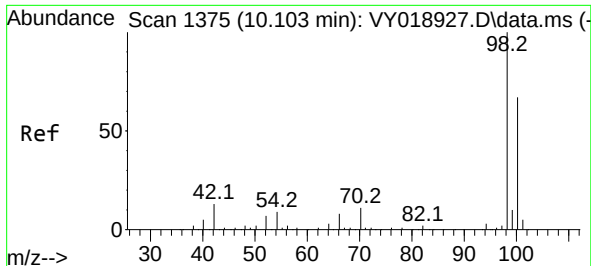
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 21.3 15.9 23.9

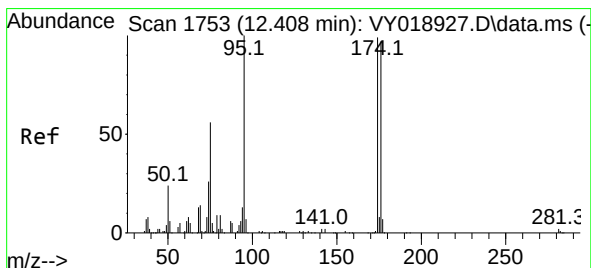
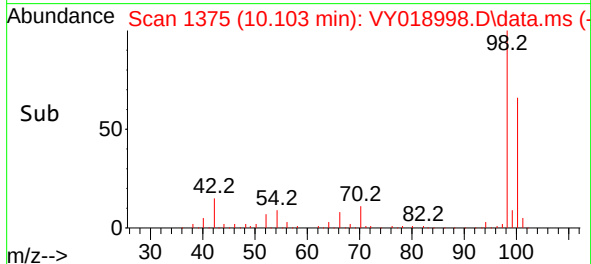
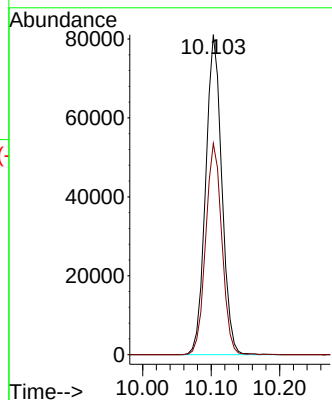
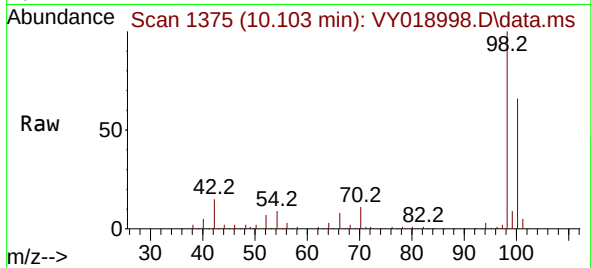




#50
Toluene-d8
Concen: 46.526 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018998.D
Acq: 12 Aug 2024 13:32

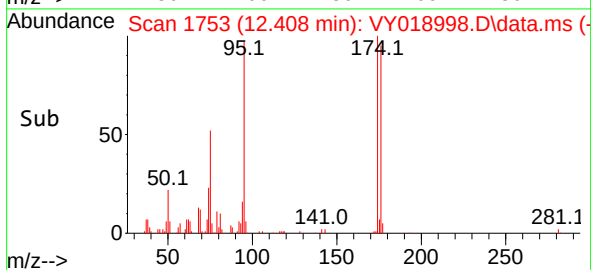
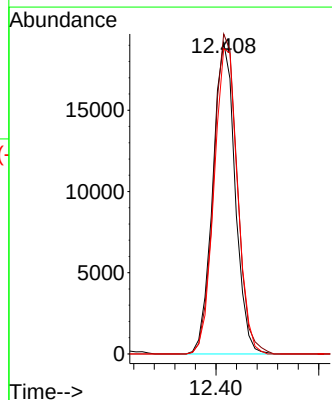
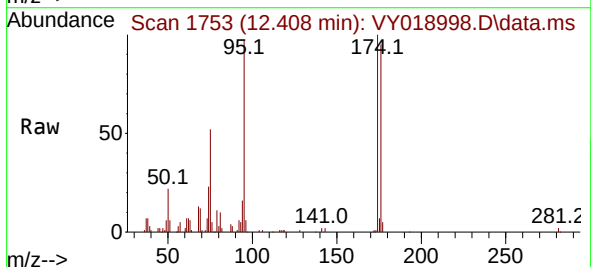
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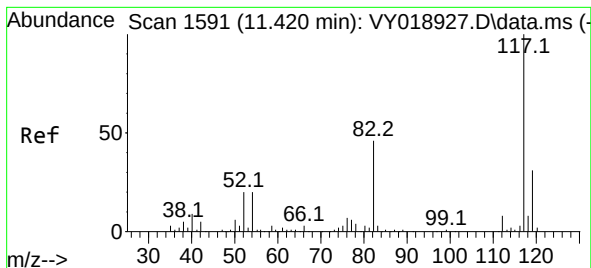
Tgt Ion: 98 Resp: 132732
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.268 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018998.D
Acq: 12 Aug 2024 13:32

Tgt Ion: 95 Resp: 29004
Ion Ratio Lower Upper
95 100
174 107.5 0.0 175.6
176 102.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018998.D

Acq: 12 Aug 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-20-080724

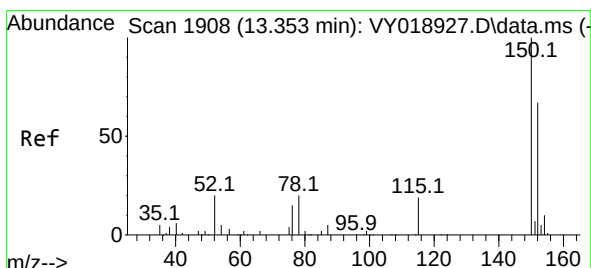
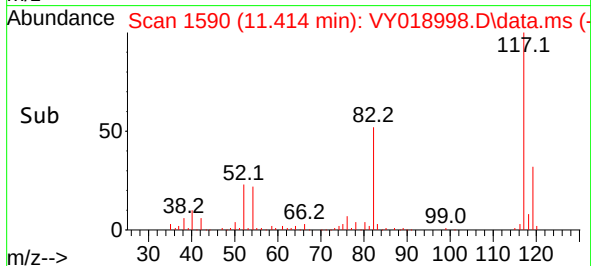
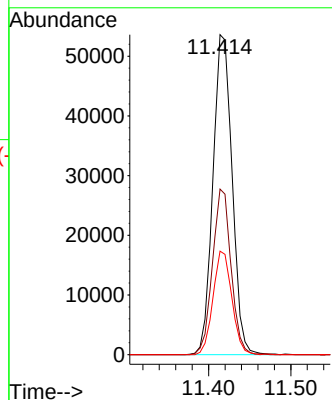
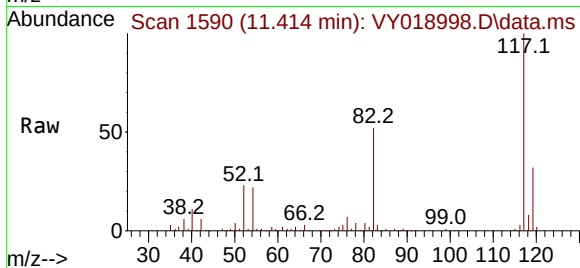
Tgt Ion:117 Resp: 86838

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018998.D

Acq: 12 Aug 2024 13:32

Tgt Ion:152 Resp: 26120

Ion Ratio Lower Upper

152 100

115 52.8 28.2 84.7

150 160.7 0.0 345.6

