

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016828.D
 Acq On : 22 Dec 2023 23:01
 Operator : SY/MD
 Sample : 05957-05
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM09

Quant Time: Dec 23 00:56:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

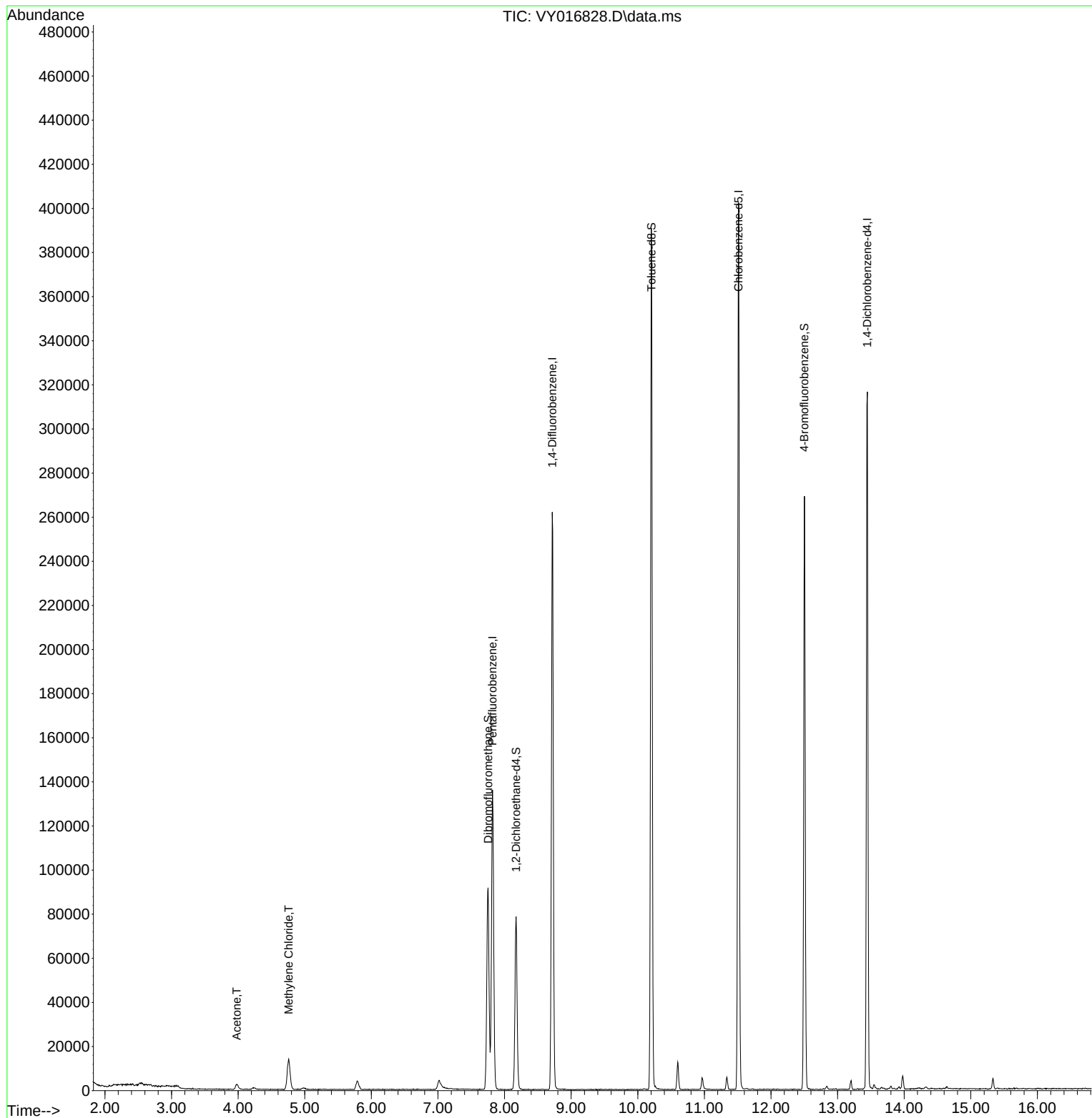
Internal Standards						
1) Pentafluorobenzene	7.820	168	100699	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	223319	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	219111	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	78625	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	58941	64.117	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.240%	
35) Dibromofluoromethane	7.752	113	67025	52.395	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.780%	
50) Toluene-d8	10.203	98	252183	54.686	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.502	95	77607	51.873	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	4421	17.785	ug/l	90
20) Methylene Chloride	4.759	84	10882	5.820	ug/l	91

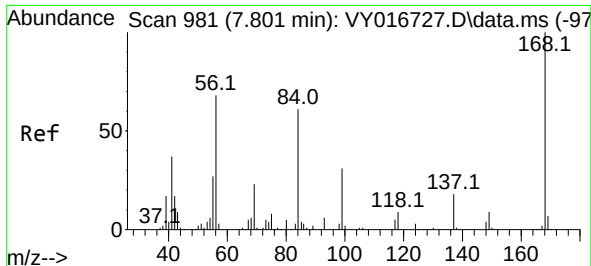
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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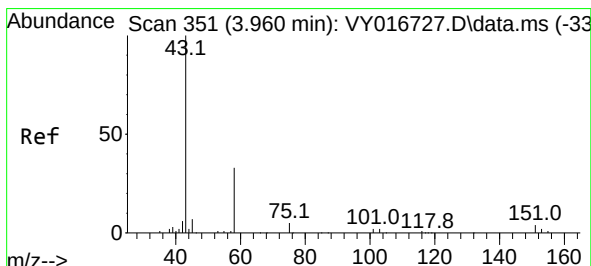
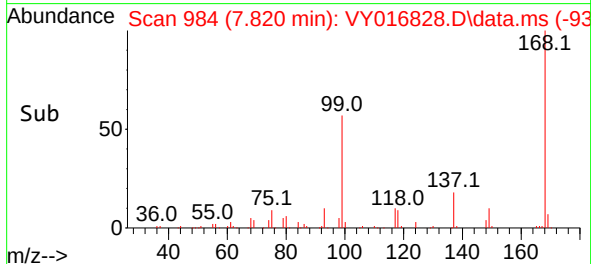
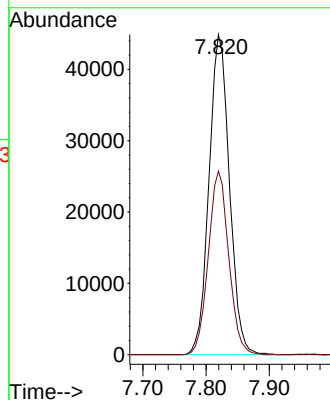
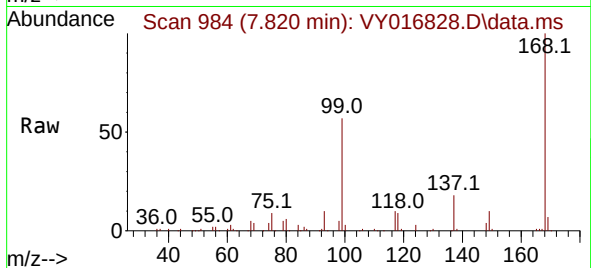




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 981
Delta R.T. 0.019 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

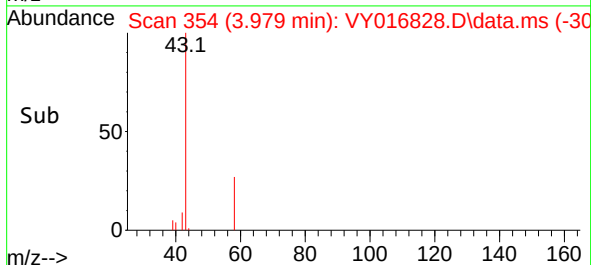
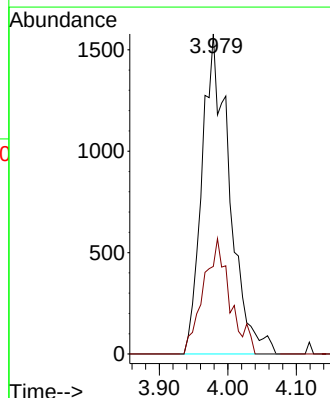
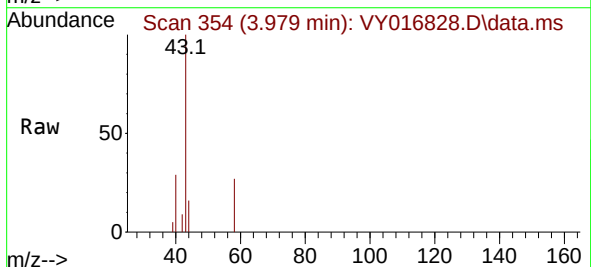
Instrument :
MSVOA_Y
ClientSampleId :
COM09

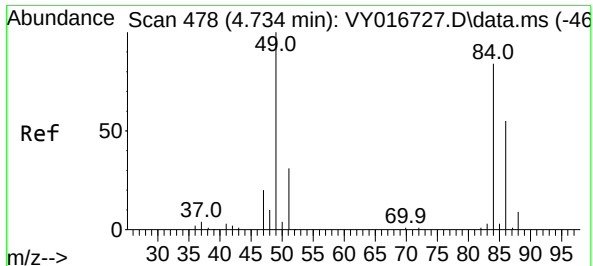
Tgt Ion:168 Resp: 100699
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#16
Acetone
Concen: 17.785 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

Tgt Ion: 43 Resp: 4421
Ion Ratio Lower Upper
43 100
58 27.4 26.6 39.8





#20

Methylene Chloride

Concen: 5.820 ug/l

RT: 4.759 min Scan# 41

Delta R.T. 0.025 min

Lab File: VY016828.D

Acq: 22 Dec 2023 23:01

Instrument :

MSVOA_Y

ClientSampleId :

COM09

Tgt Ion: 84 Resp: 10882

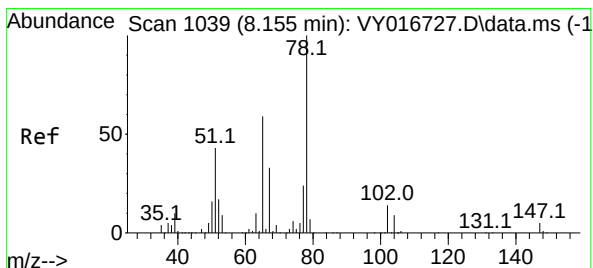
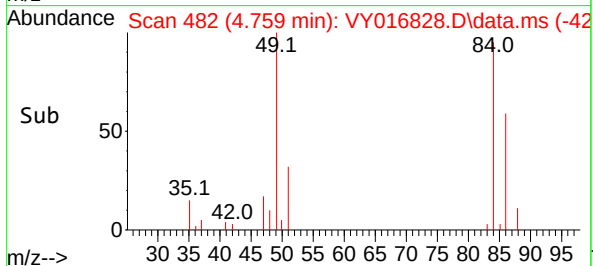
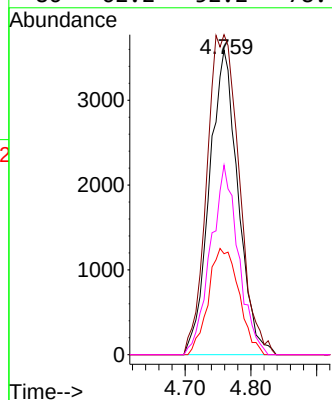
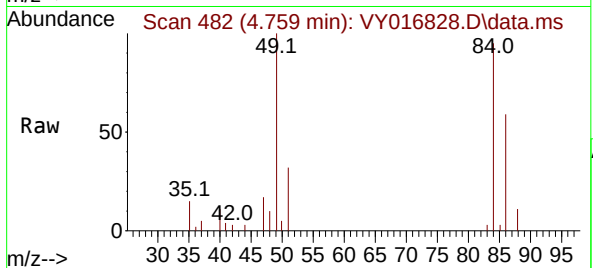
Ion Ratio Lower Upper

84 100

49 105.1 95.2 142.8

51 33.1 29.9 44.9

86 62.2 52.2 78.4



#33

1,2-Dichloroethane-d4

Concen: 64.117 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.019 min

Lab File: VY016828.D

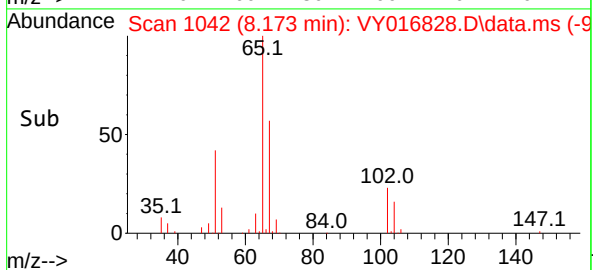
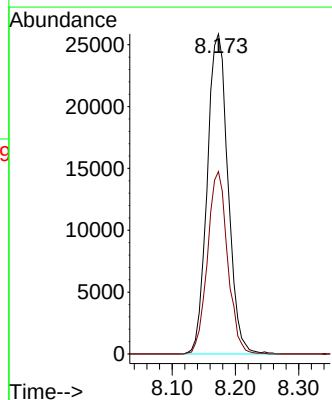
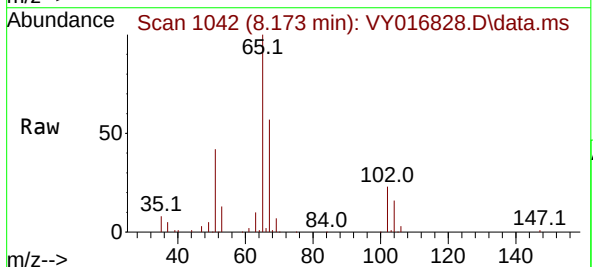
Acq: 22 Dec 2023 23:01

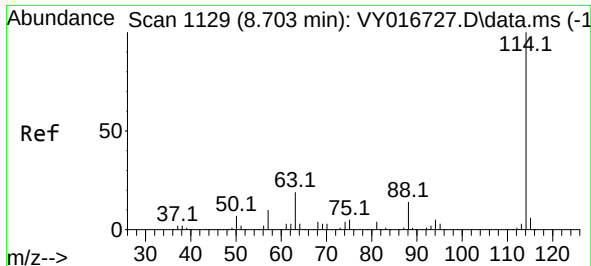
Tgt Ion: 65 Resp: 58941

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY016828.D

Acq: 22 Dec 2023 23:01

Instrument :

MSVOA_Y

ClientSampleId :

COM09

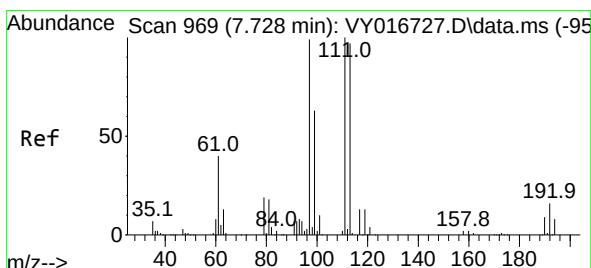
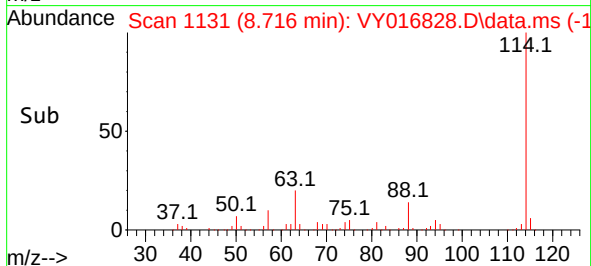
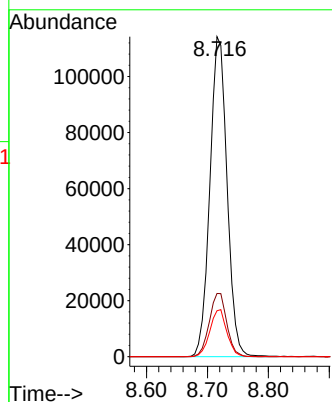
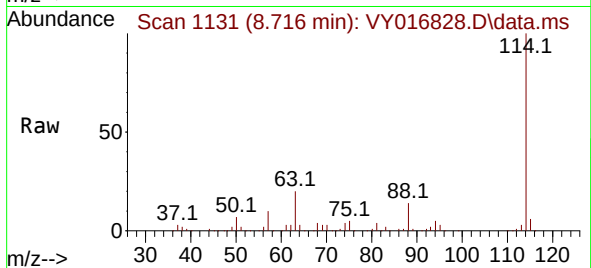
Tgt Ion:114 Resp: 223319

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.395 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.025 min

Lab File: VY016828.D

Acq: 22 Dec 2023 23:01

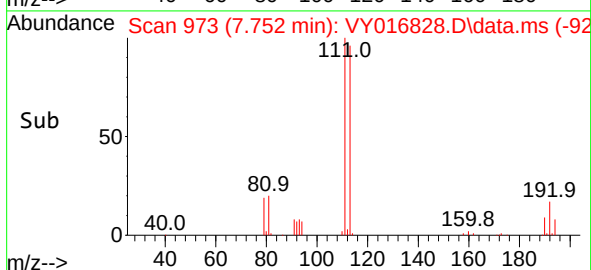
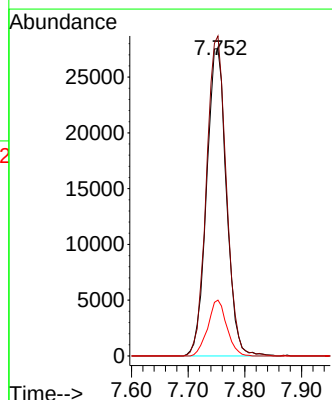
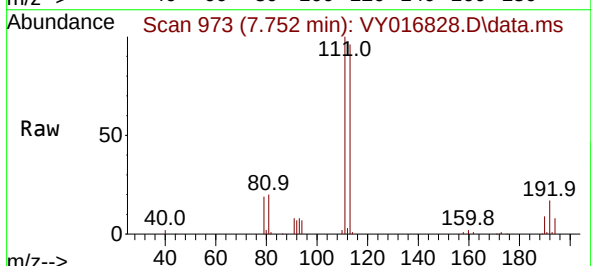
Tgt Ion:113 Resp: 67025

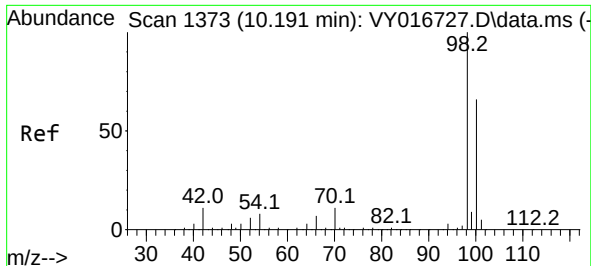
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.3 14.5 21.7

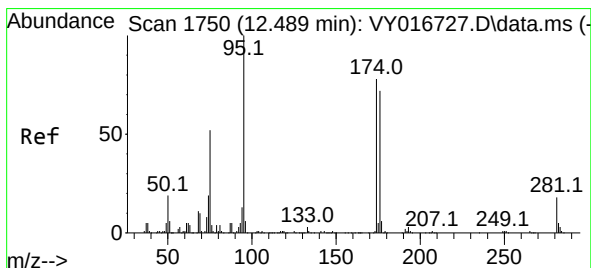
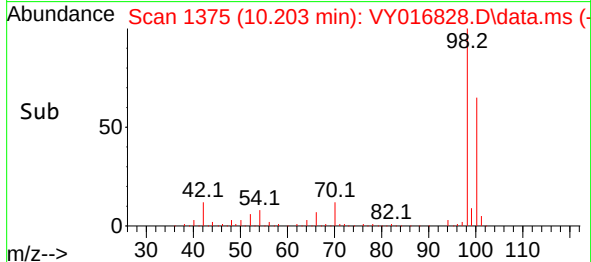
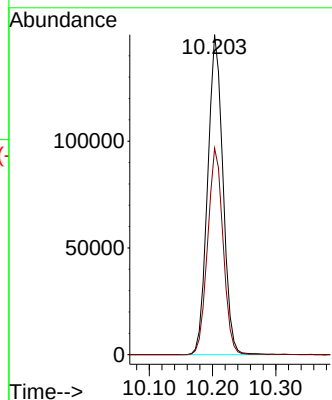
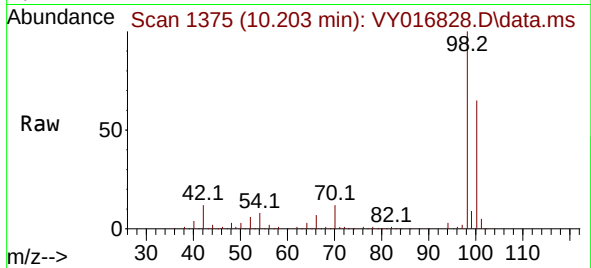




#50
Toluene-d8
Concen: 54.686 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

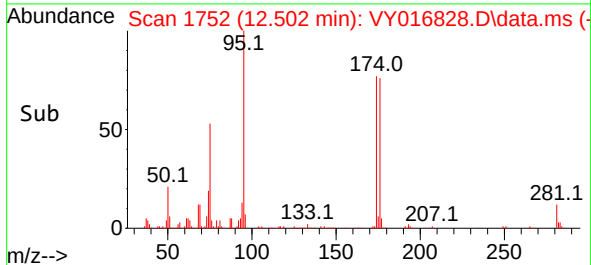
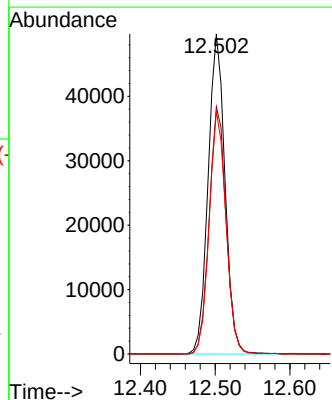
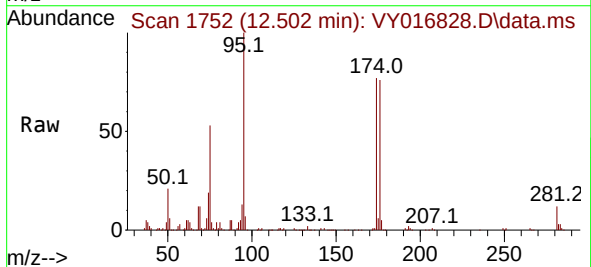
Instrument :
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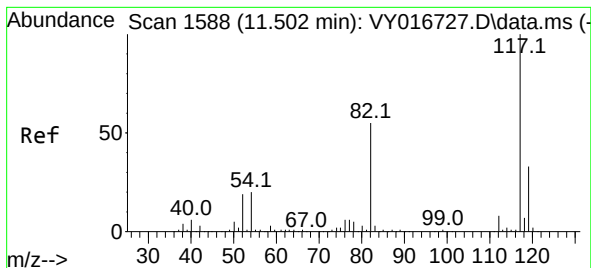
Tgt Ion: 98 Resp: 252183
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.873 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

Tgt Ion: 95 Resp: 77607
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.0
176 75.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016828.D

Acq: 22 Dec 2023 23:01

Instrument :

MSVOA_Y

ClientSampleId :

COM09

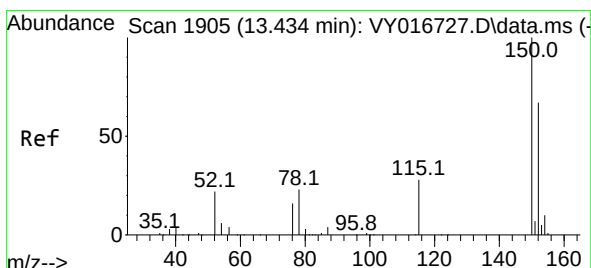
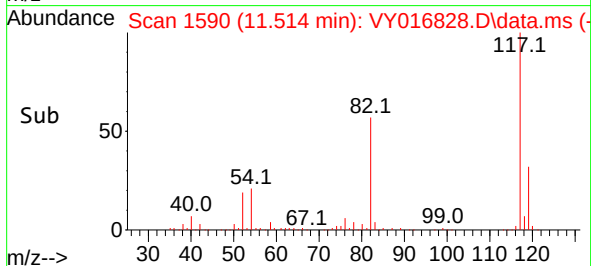
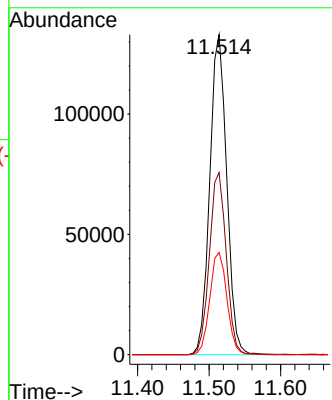
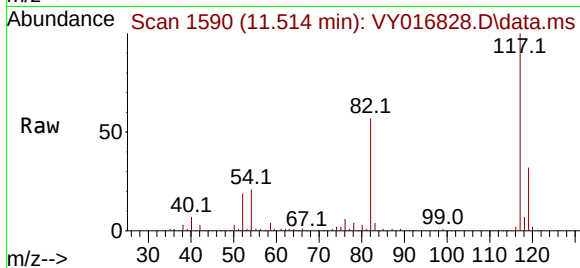
Tgt Ion:117 Resp: 219111

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016828.D

Acq: 22 Dec 2023 23:01

Tgt Ion:152 Resp: 78625

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 161.1 0.0 344.6

