

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016766.D
 Acq On : 21 Dec 2023 18:57
 Operator : SY/MD
 Sample : 05878-06
 Misc : 3.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLZ6

Quant Time: Dec 22 00:45:26 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)

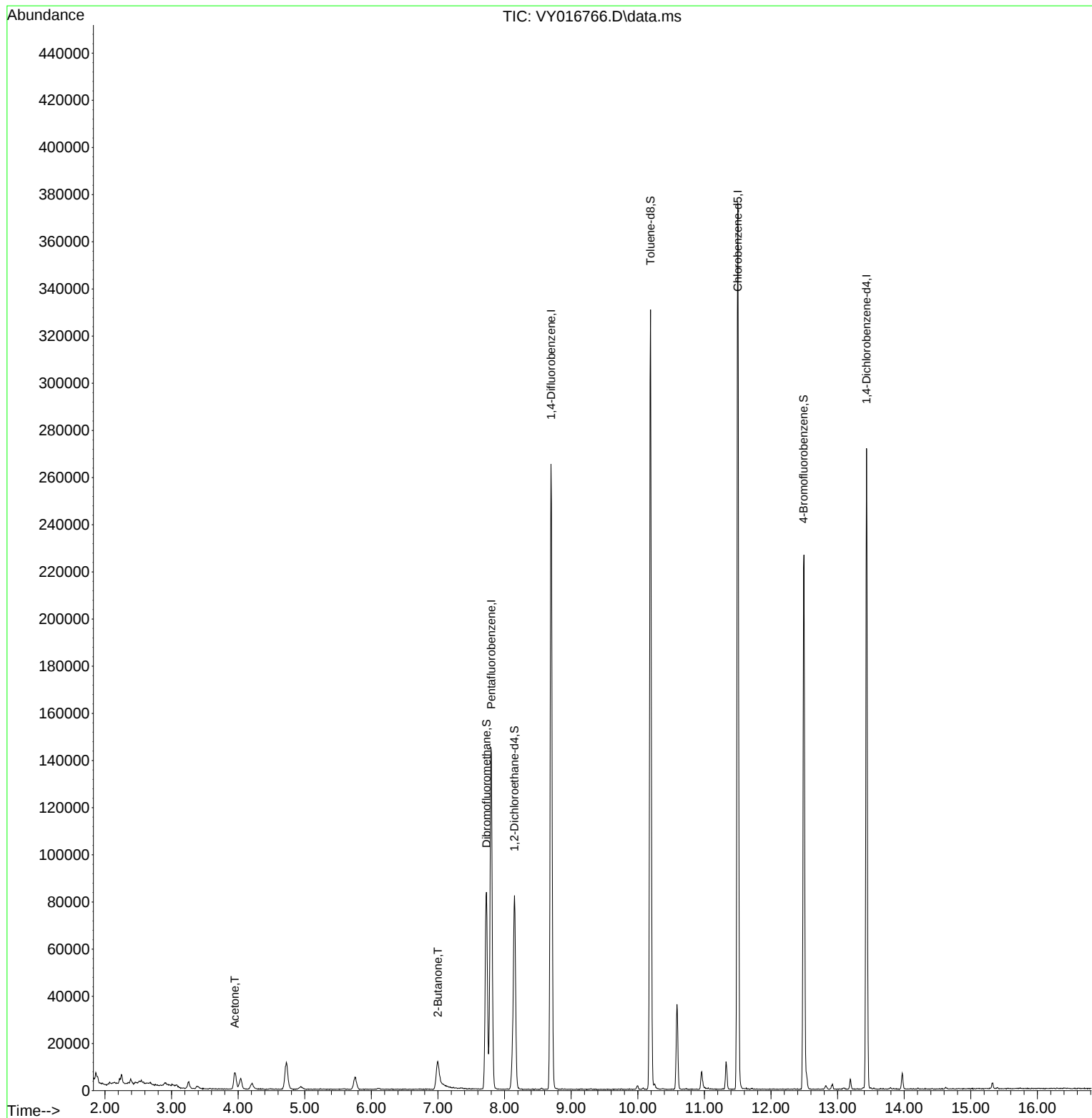
Internal Standards						
1) Pentafluorobenzene	7.801	168	110376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	200202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	57758	57.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.728	113	61622	48.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.200%
50) Toluene-d8	10.191	98	212718	46.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.489	95	64982	43.368	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.740%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	13227	48.545	ug/l	97
25) 2-Butanone	6.997	43	6079	16.205	ug/l	94

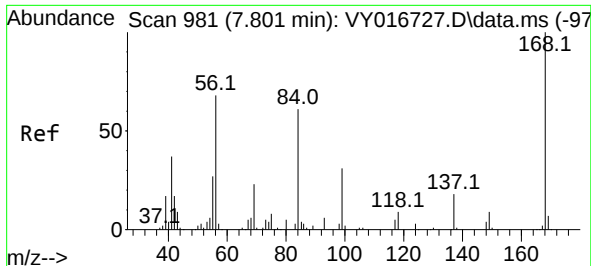
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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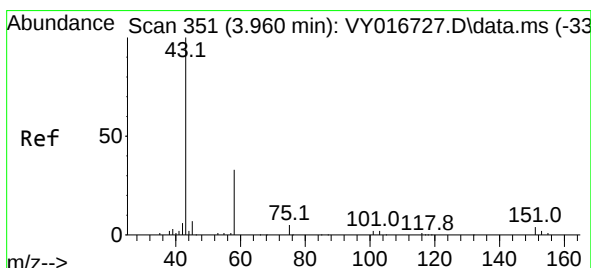
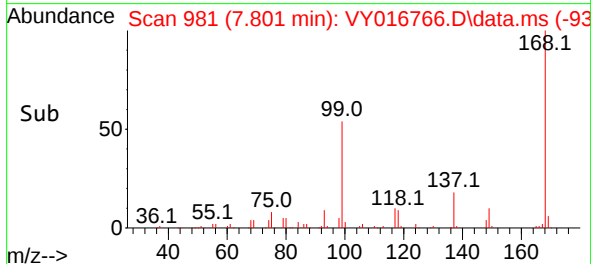
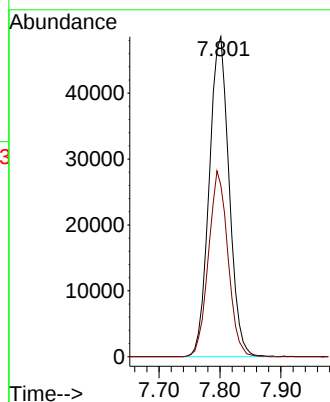
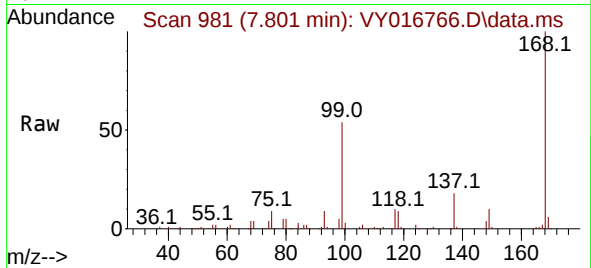




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016766.D
Acq: 21 Dec 2023 18:57

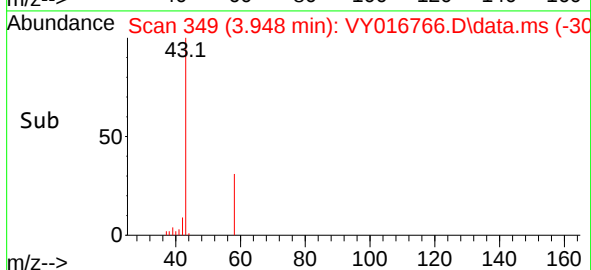
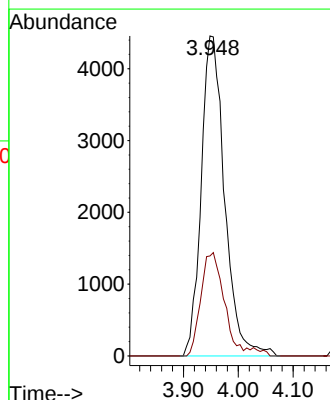
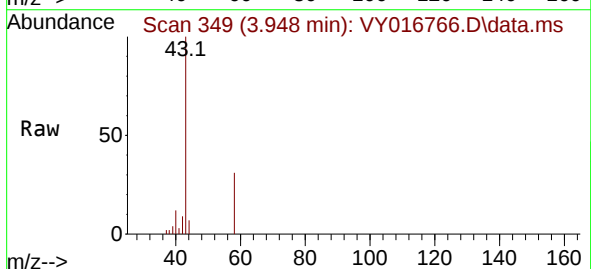
Instrument :
MSVOA_Y
ClientSampleId :
COLZ6

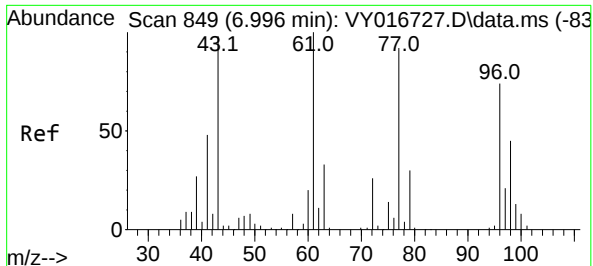
Tgt Ion:168 Resp: 110376
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#16
Acetone
Concen: 48.545 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016766.D
Acq: 21 Dec 2023 18:57

Tgt Ion: 43 Resp: 13227
Ion Ratio Lower Upper
43 100
58 31.3 26.6 39.8





#25

2-Butanone

Concen: 16.205 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.001 min

Lab File: VY016766.D

Acq: 21 Dec 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

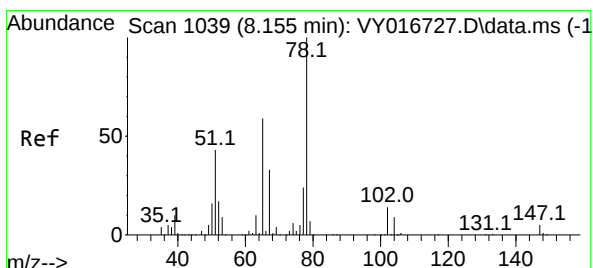
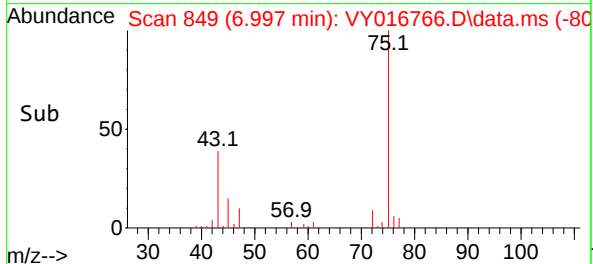
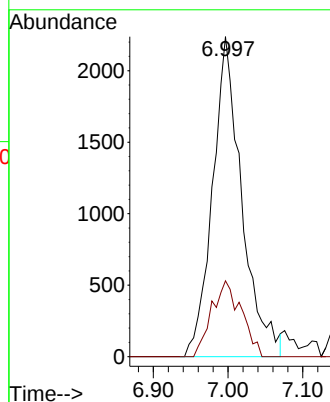
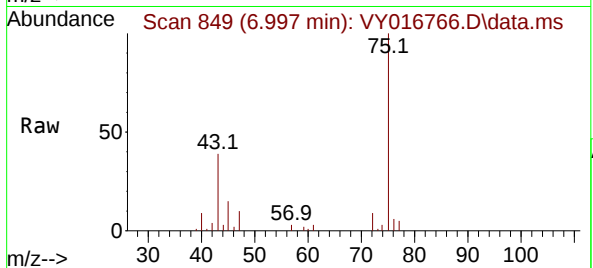
COLZ6

Tgt Ion: 43 Resp: 6079

Ion Ratio Lower Upper

43 100

72 23.7 21.4 32.2



#33

1,2-Dichloroethane-d4

Concen: 57.321 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016766.D

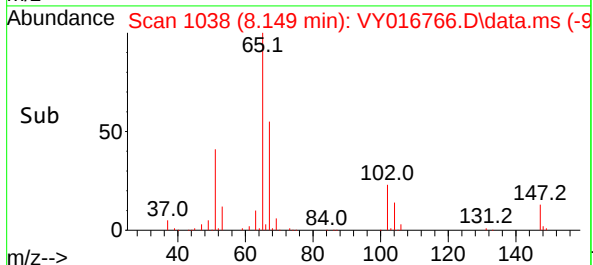
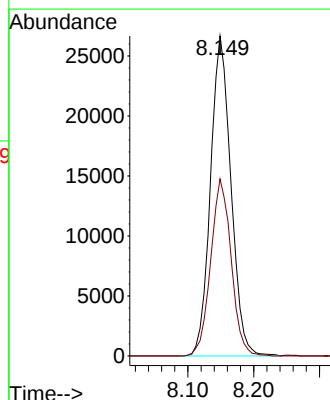
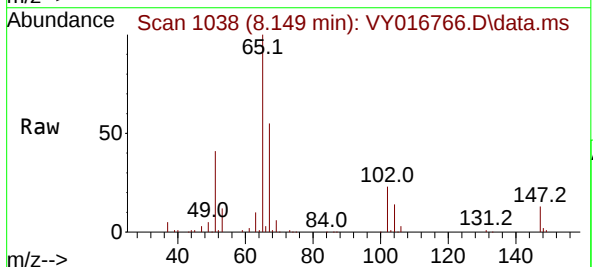
Acq: 21 Dec 2023 18:57

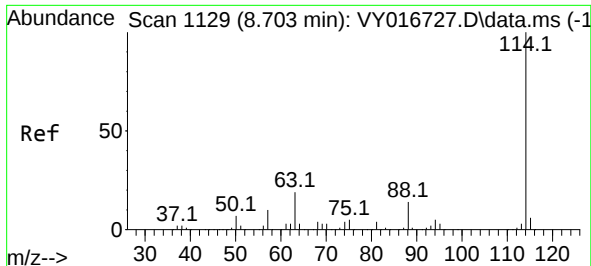
Tgt Ion: 65 Resp: 57758

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016766.D

Acq: 21 Dec 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

COLZ6

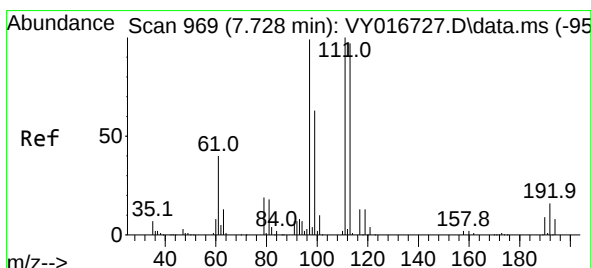
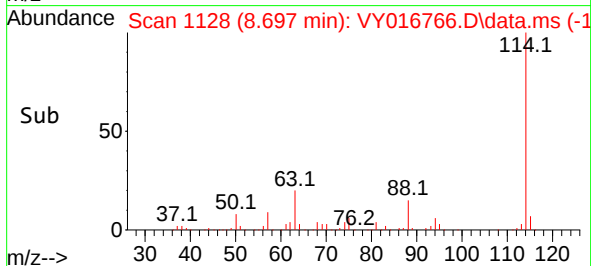
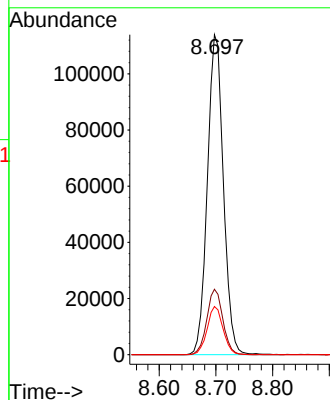
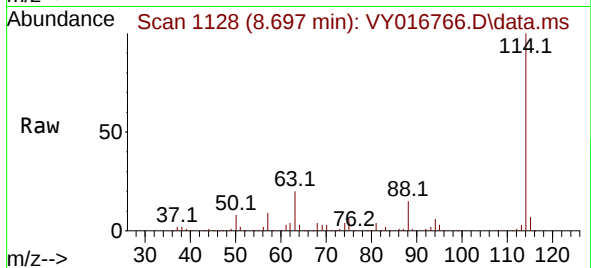
Tgt Ion:114 Resp: 223660

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.098 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016766.D

Acq: 21 Dec 2023 18:57

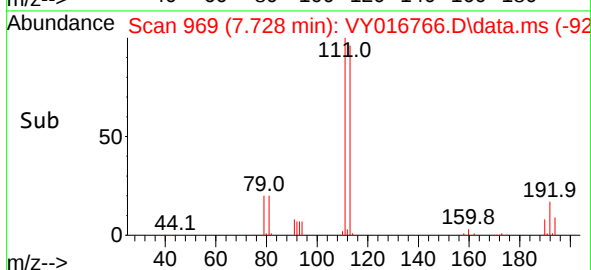
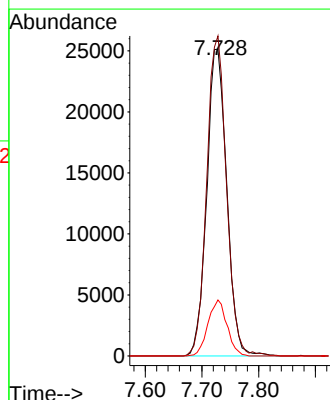
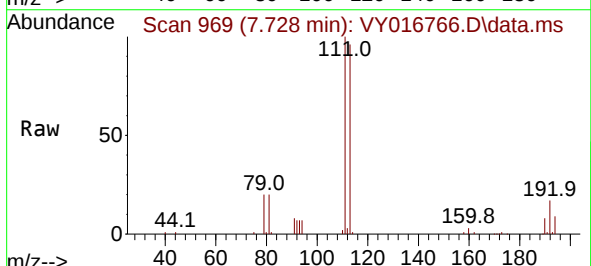
Tgt Ion:113 Resp: 61622

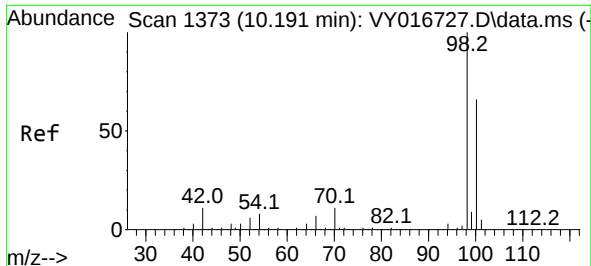
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.4 14.5 21.7

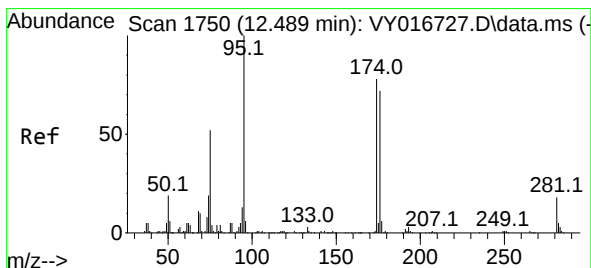
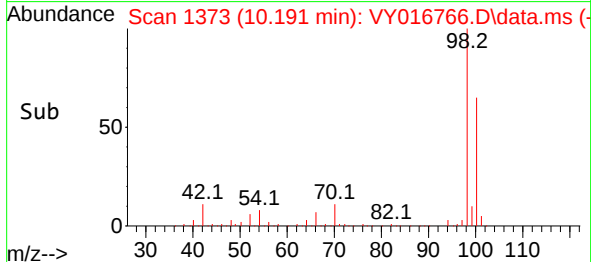
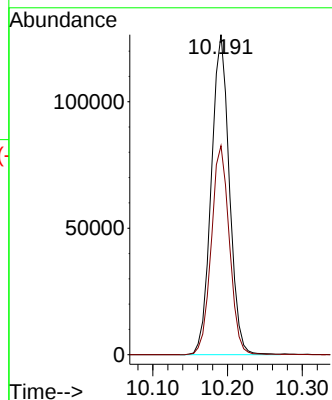
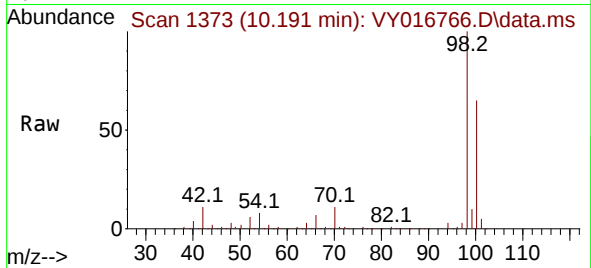




#50
Toluene-d8
Concen: 46.058 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016766.D
Acq: 21 Dec 2023 18:57

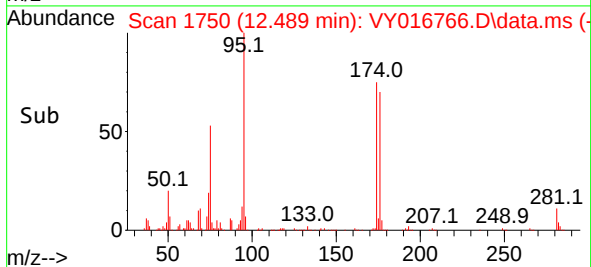
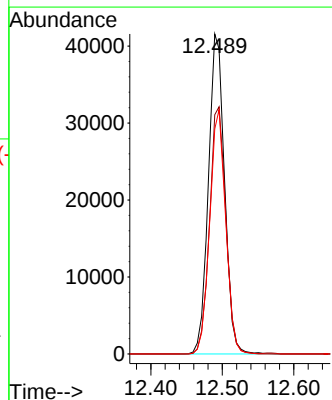
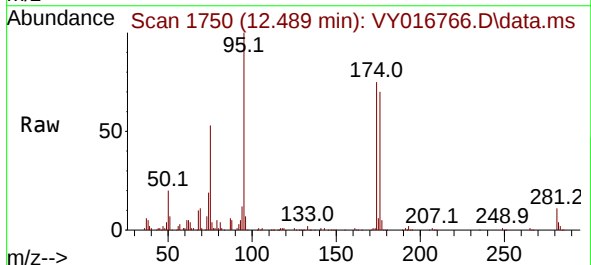
Instrument :
MSVOA_Y
ClientSampleId :
COLZ6

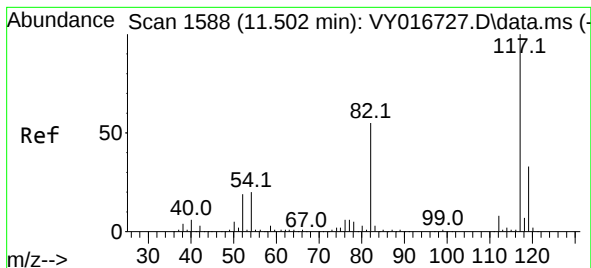
Tgt Ion: 98 Resp: 212718
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.368 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016766.D
Acq: 21 Dec 2023 18:57

Tgt Ion: 95 Resp: 64982
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 75.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016766.D

Acq: 21 Dec 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

C0LZ6

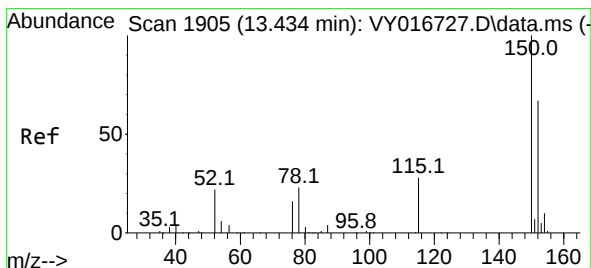
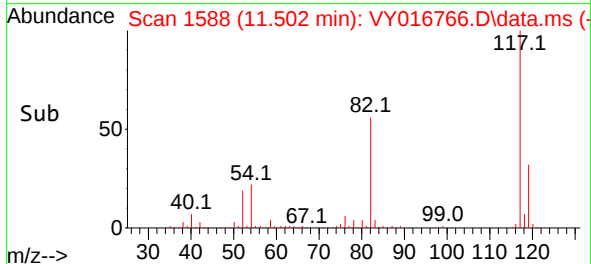
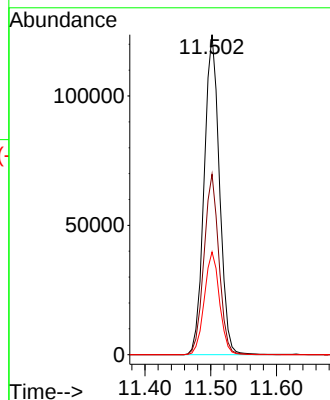
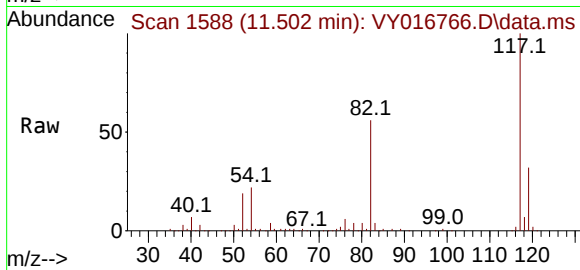
Tgt Ion:117 Resp: 200202

Ion Ratio Lower Upper

117 100

82 56.4 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016766.D

Acq: 21 Dec 2023 18:57

Tgt Ion:152 Resp: 66534

Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

150 157.5 0.0 344.6

