

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016824.D
 Acq On : 22 Dec 2023 21:28
 Operator : SY/MD
 Sample : 05957-01
 Misc : 3.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLX7

Quant Time: Dec 22 23:06:14 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)

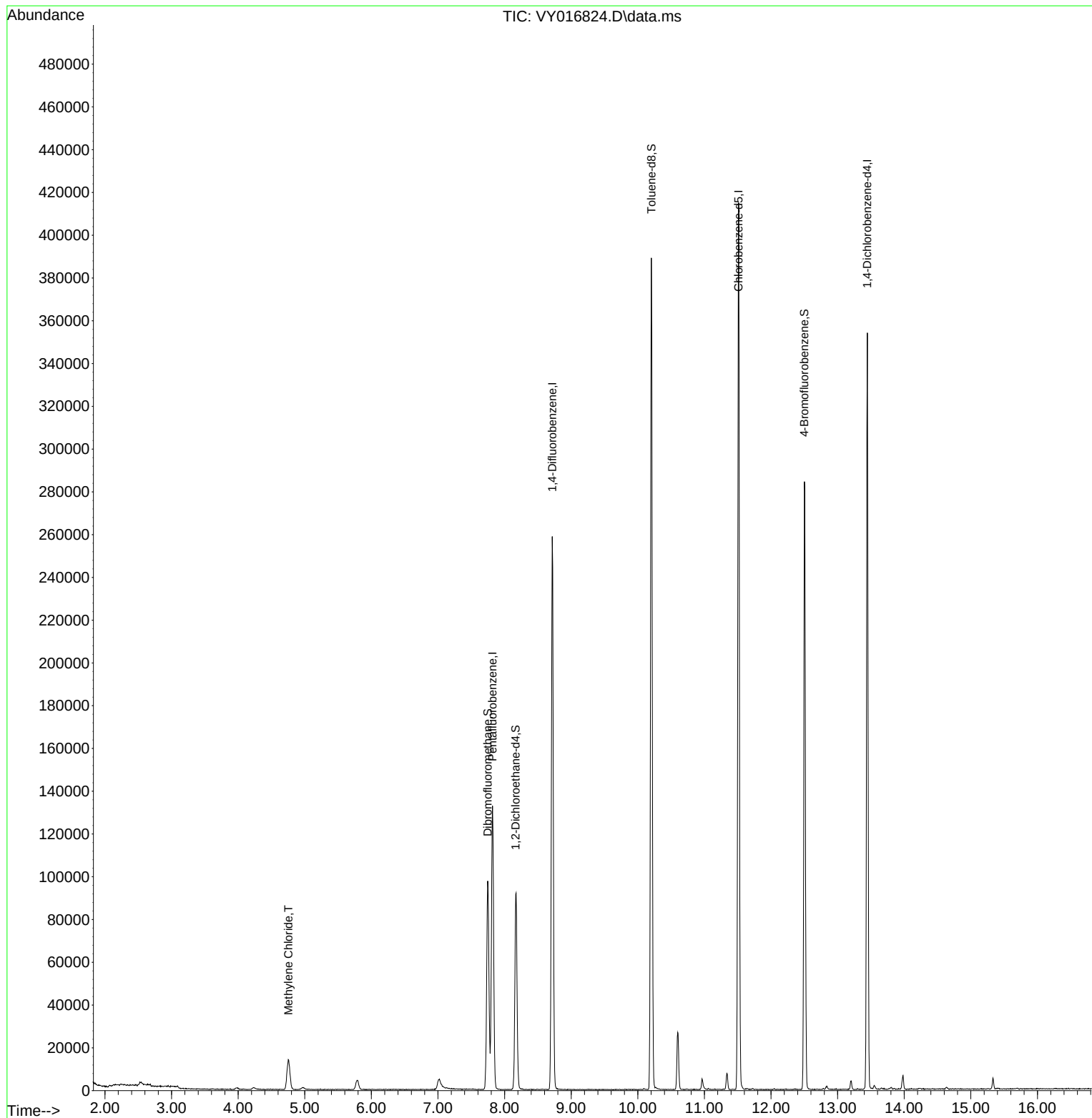
Internal Standards						
1) Pentafluorobenzene	7.819	168	99322	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	223994	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	228672	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	85788	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	71485	78.841	ug/l	0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	=	157.680%	
35) Dibromofluoromethane	7.746	113	70956	55.301	ug/l	0.02
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.600%	
50) Toluene-d8	10.203	98	253451	54.795	ug/l	0.01
Spiked Amount	50.000	Range 58 - 134	Recovery	=	109.600%	
62) 4-Bromofluorobenzene	12.502	95	84282	56.165	ug/l	0.01
Spiked Amount	50.000	Range 30 - 143	Recovery	=	112.320%	
Target Compounds						
20) Methylene Chloride	4.753	84	10712	5.803	ug/l	97

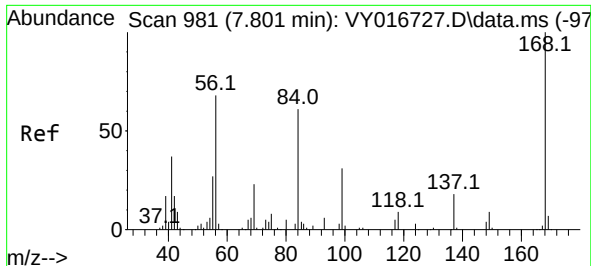
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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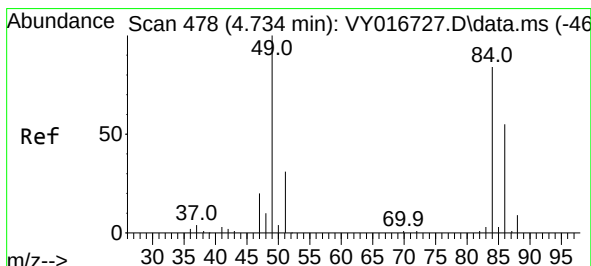
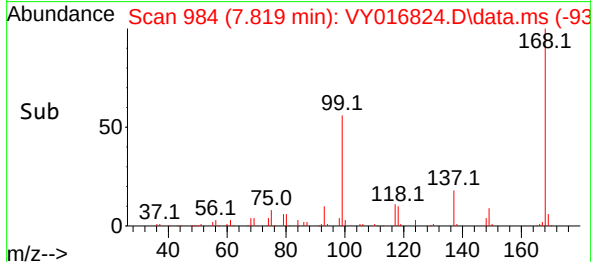
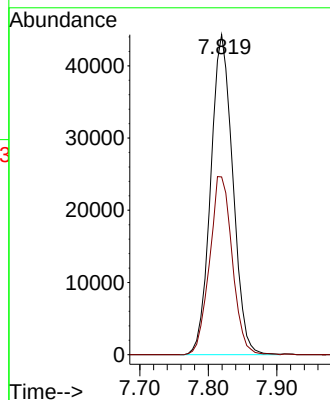
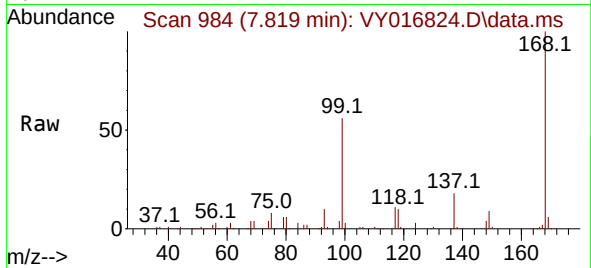




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016824.D
Acq: 22 Dec 2023 21:28

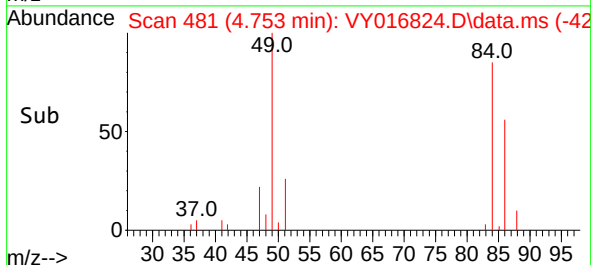
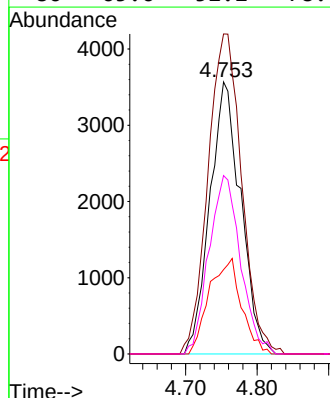
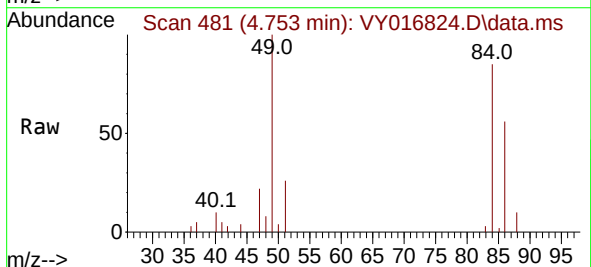
Instrument :
MSVOA_Y
ClientSampleId :
COLX7

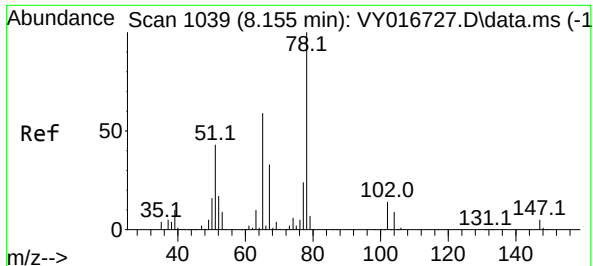
Tgt Ion:168 Resp: 99322
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#20
Methylene Chloride
Concen: 5.803 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016824.D
Acq: 22 Dec 2023 21:28

Tgt Ion: 84 Resp: 10712
Ion Ratio Lower Upper
84 100
49 117.7 95.2 142.8
51 31.0 29.9 44.9
86 65.6 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 78.841 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016824.D

Acq: 22 Dec 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

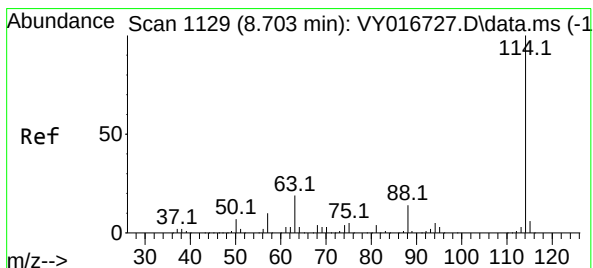
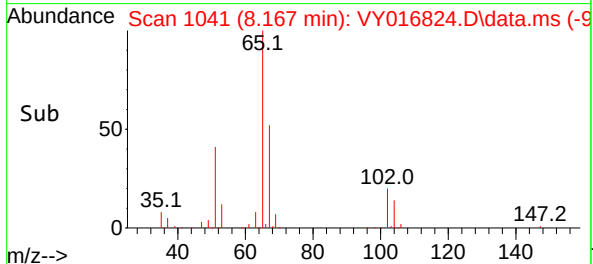
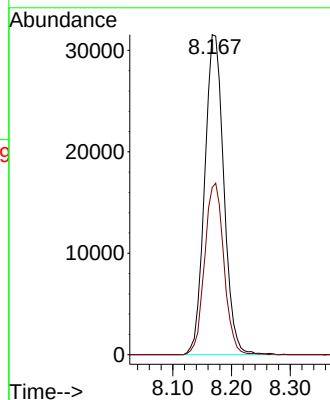
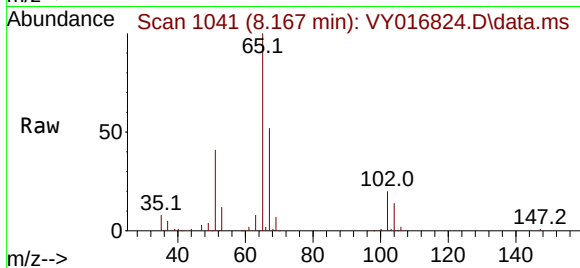
COLX7

Tgt Ion: 65 Resp: 71485

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016824.D

Acq: 22 Dec 2023 21:28

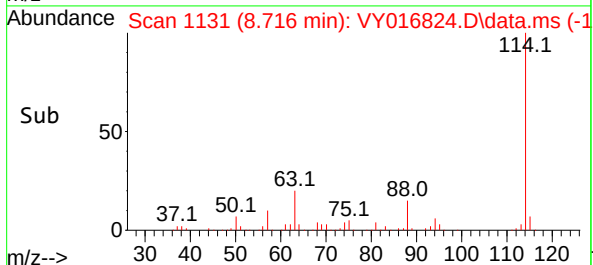
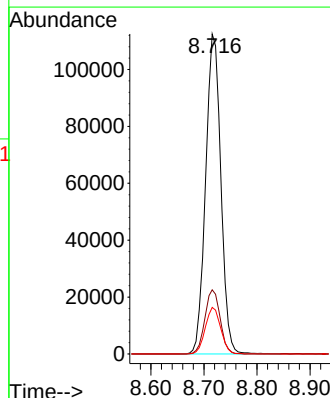
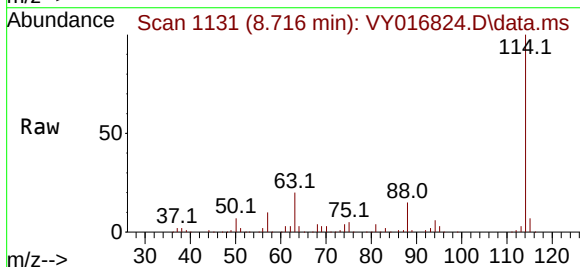
Tgt Ion: 114 Resp: 223994

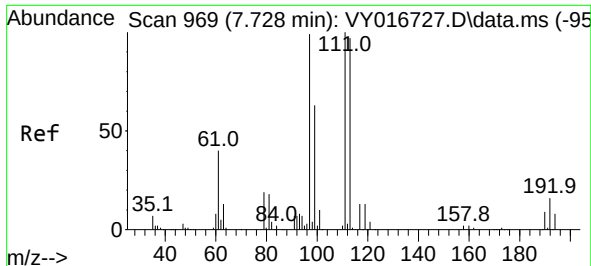
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.6 0.0 29.0

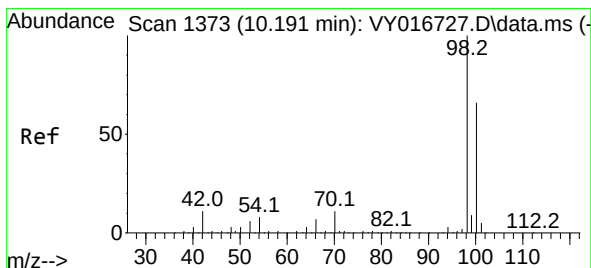
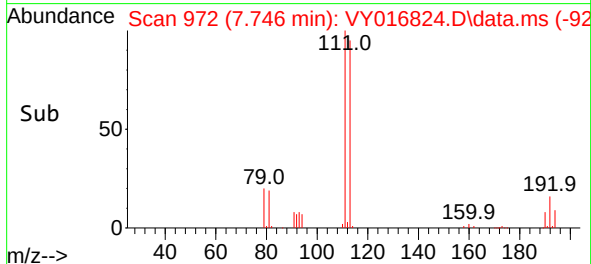
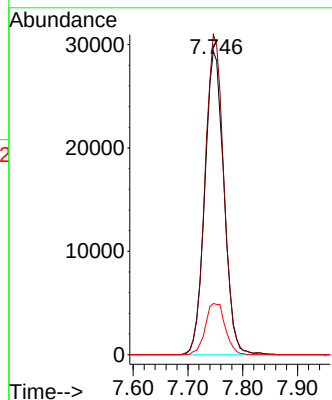
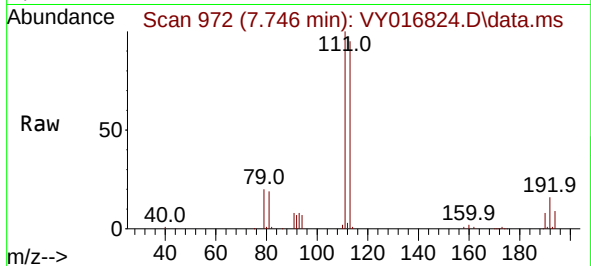




#35
Dibromofluoromethane
Concen: 55.301 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016824.D
Acq: 22 Dec 2023 21:28

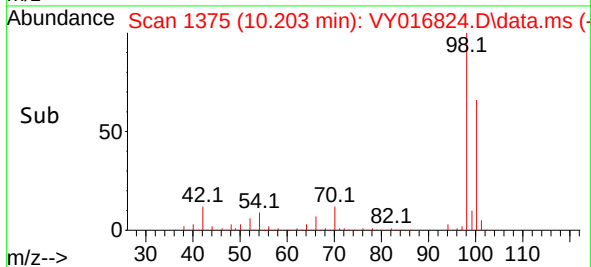
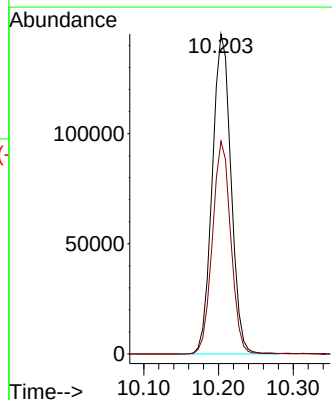
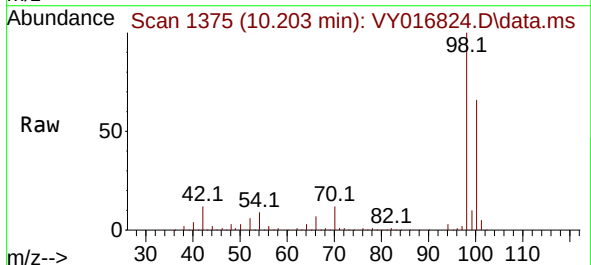
Instrument :
MSVOA_Y
ClientSampleId :
COLX7

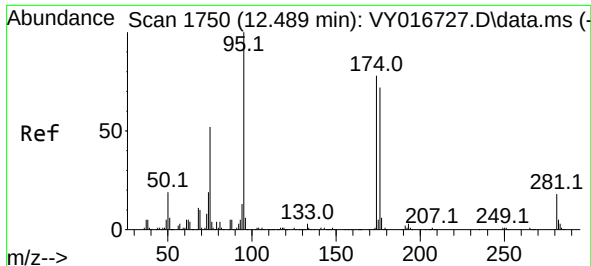
Tgt Ion:113 Resp: 70956
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 54.795 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016824.D
Acq: 22 Dec 2023 21:28

Tgt Ion: 98 Resp: 253451
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

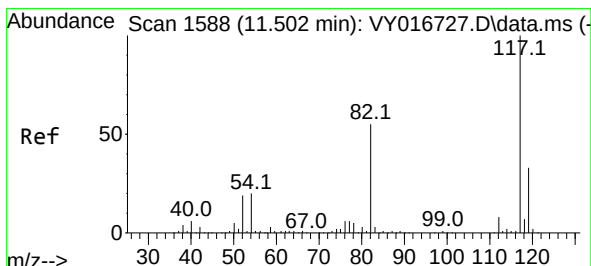
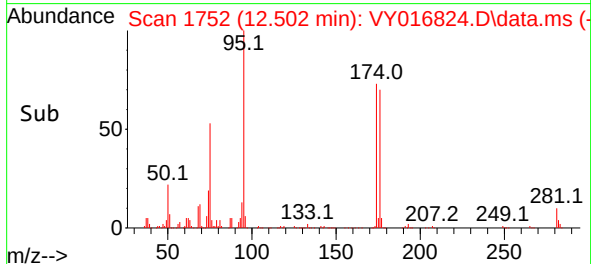
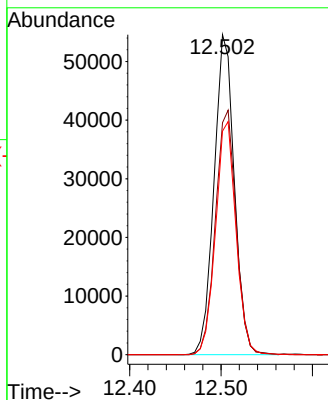
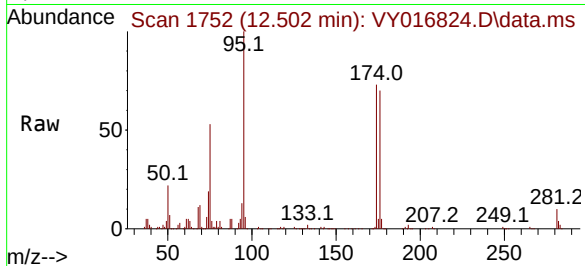




#62
4-Bromofluorobenzene
Concen: 56.165 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016824.D
Acq: 22 Dec 2023 21:28

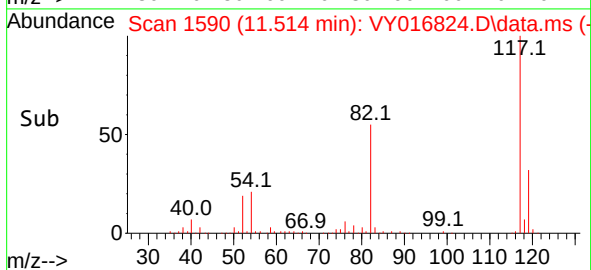
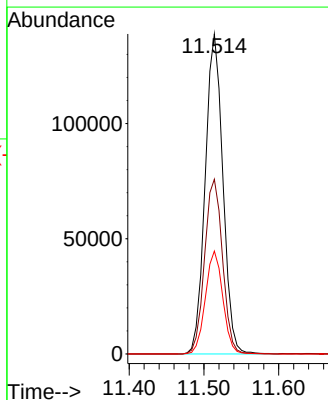
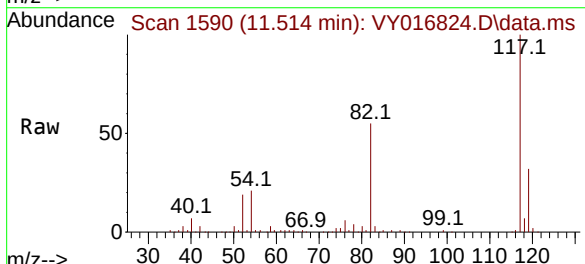
Instrument :
MSVOA_Y
ClientSampleId :
COLX7

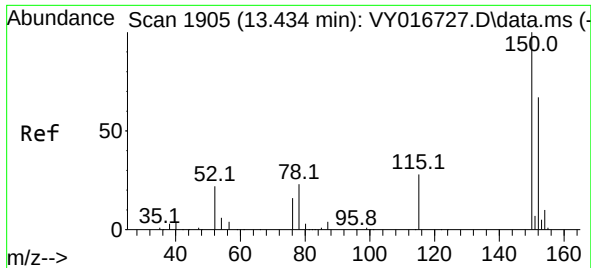
Tgt Ion: 95 Resp: 84282
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.0
176 73.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016824.D
Acq: 22 Dec 2023 21:28

Tgt Ion: 117 Resp: 228672
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 32.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016824.D

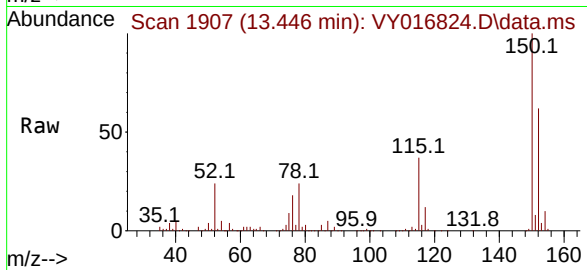
Acq: 22 Dec 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

COLX7



Tgt Ion:152 Resp: 85788

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 158.9 0.0 344.6

