

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016790.D
 Acq On : 22 Dec 2023 05:22
 Operator : SY/MD
 Sample : 05876-18
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY3

Quant Time: Dec 22 06:41:58 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)

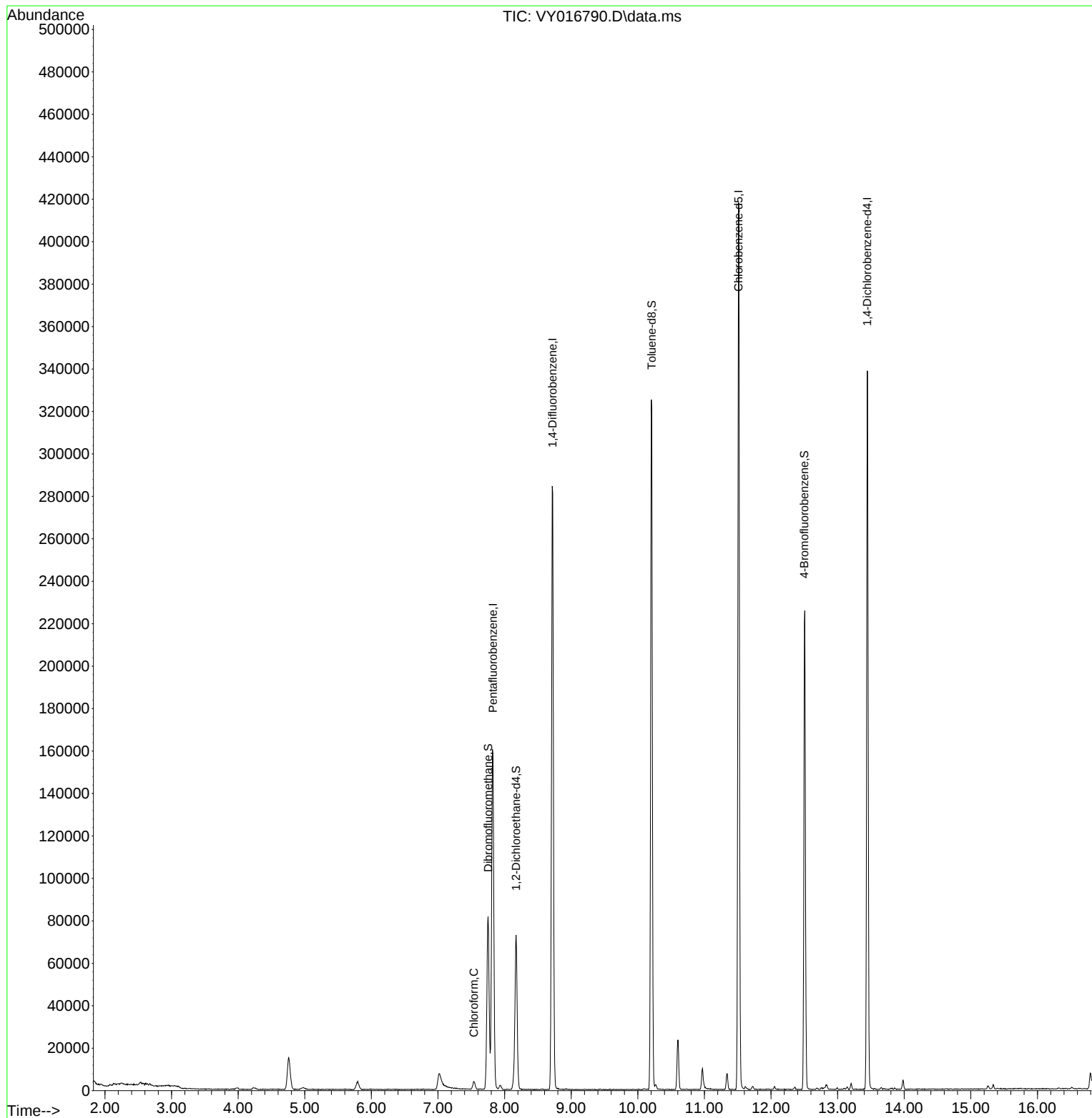
Internal Standards						
1) Pentafluorobenzene	7.825	168	120895	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	247266	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	227480	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	83791	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	54619	49.490	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.980%
35) Dibromofluoromethane	7.752	113	60461	42.686	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.380%
50) Toluene-d8	10.209	98	215160	42.139	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.280%
62) 4-Bromofluorobenzene	12.502	95	66104	39.905	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.820%
Target Compounds						
					Qvalue	
30) Chloroform	7.539	83	3715	1.528	ug/l #	78

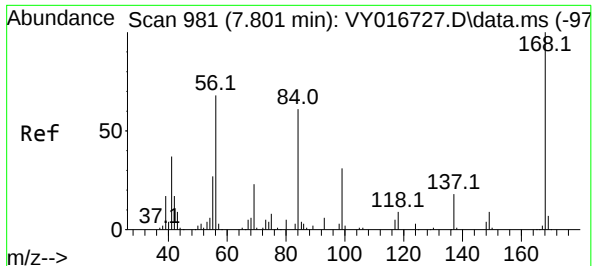
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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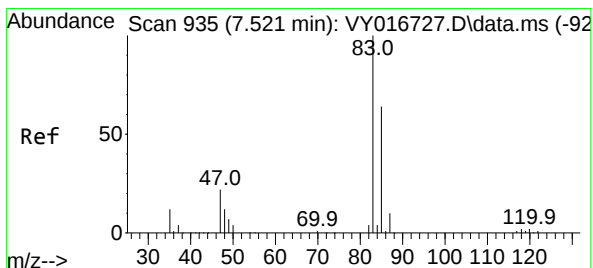
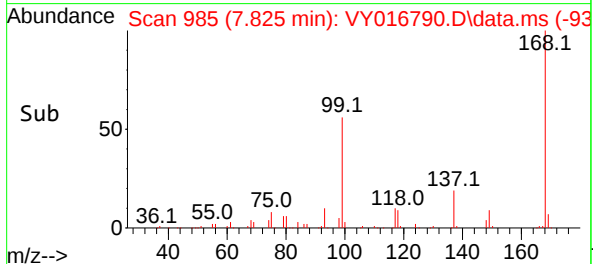
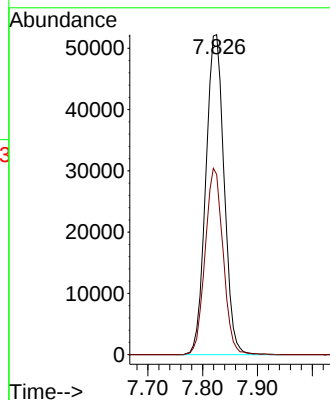
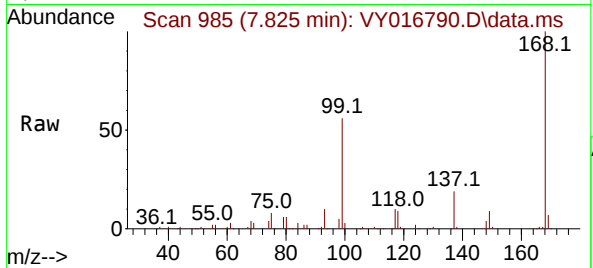




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016790.D
Acq: 22 Dec 2023 05:22

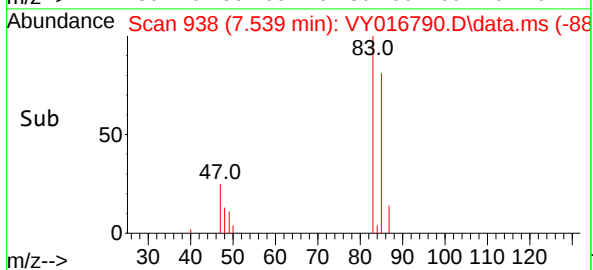
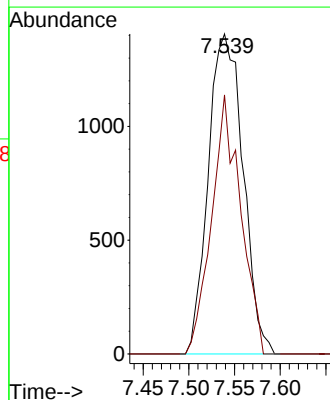
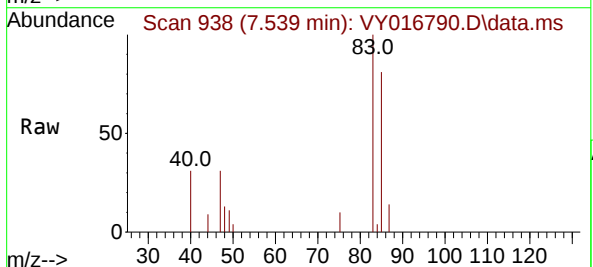
Instrument :
MSVOA_Y
ClientSampleId :
COLY3

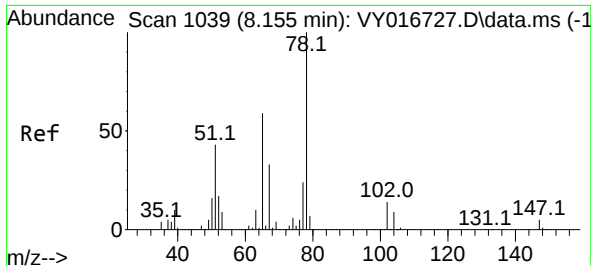
Tgt Ion:168 Resp: 120895
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#30
Chloroform
Concen: 1.528 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY016790.D
Acq: 22 Dec 2023 05:22

Tgt Ion: 83 Resp: 3715
Ion Ratio Lower Upper
83 100
85 80.9 51.2 76.8#





#33

1,2-Dichloroethane-d4

Concen: 49.490 ug/l

RT: 8.173 min Scan# 1132

Delta R.T. 0.018 min

Lab File: VY016790.D

Acq: 22 Dec 2023 05:22

Instrument :

MSVOA_Y

ClientSampleId :

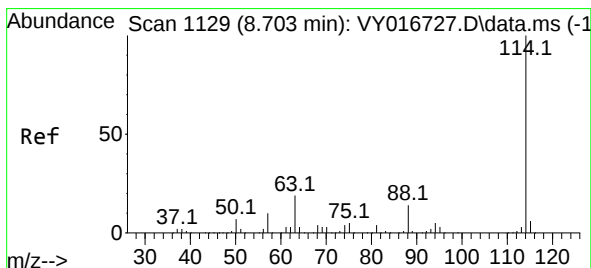
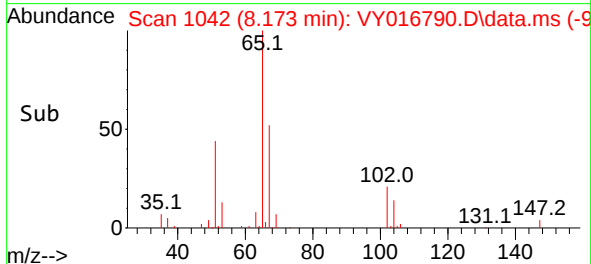
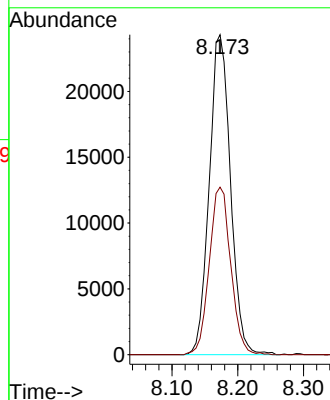
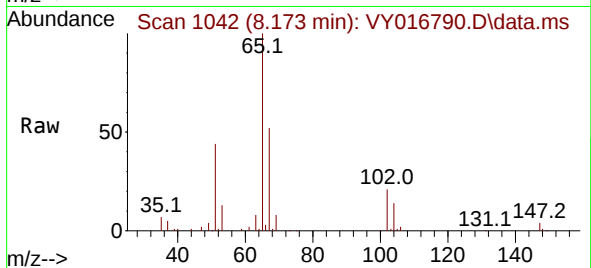
COLY3

Tgt Ion: 65 Resp: 54619

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016790.D

Acq: 22 Dec 2023 05:22

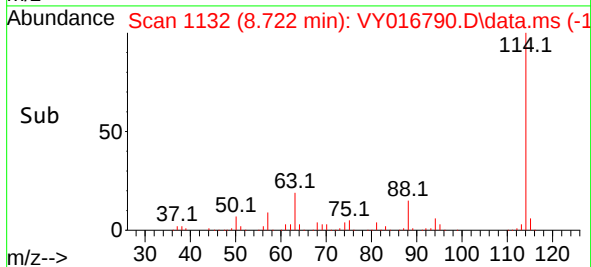
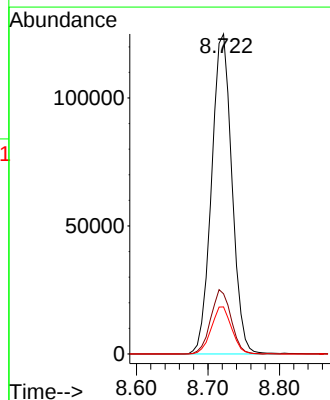
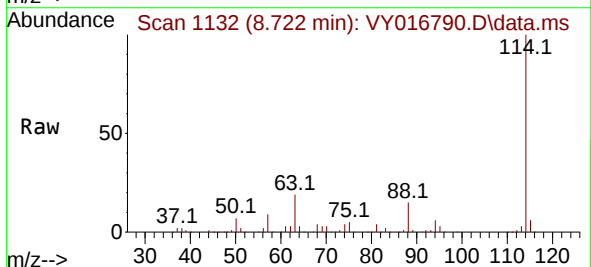
Tgt Ion: 114 Resp: 247266

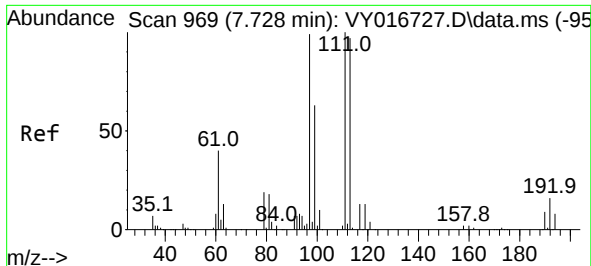
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.7 0.0 29.0

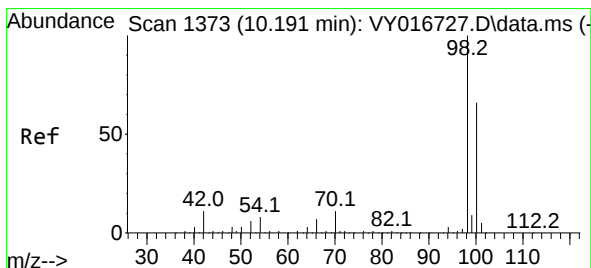
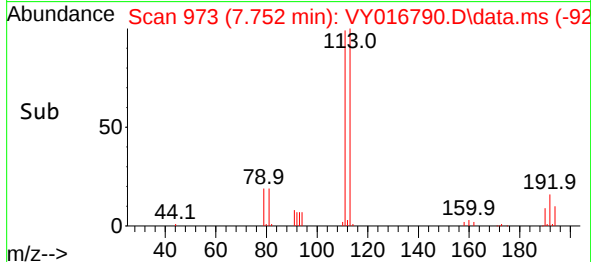
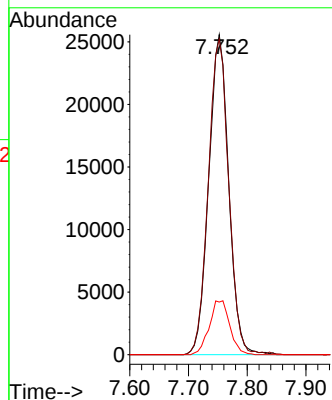
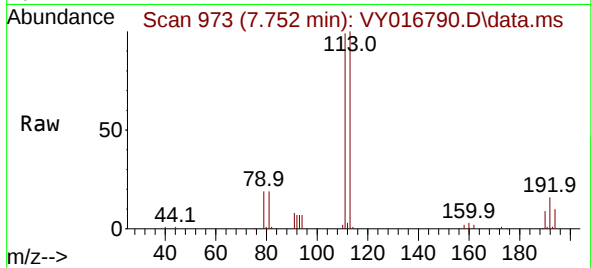




#35
Dibromofluoromethane
Concen: 42.686 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016790.D
Acq: 22 Dec 2023 05:22

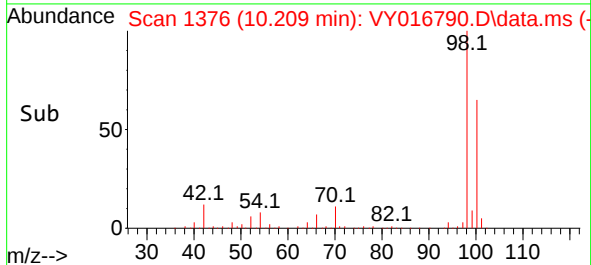
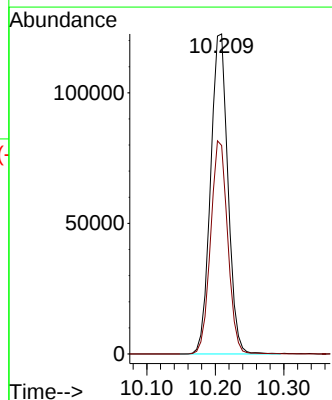
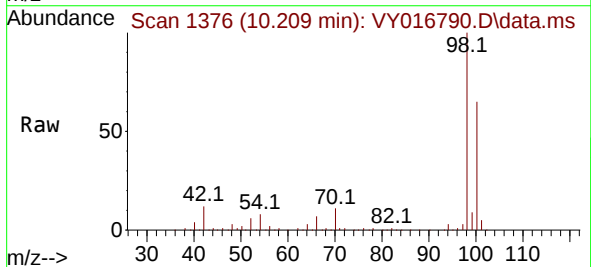
Instrument :
MSVOA_Y
ClientSampleId :
COLY3

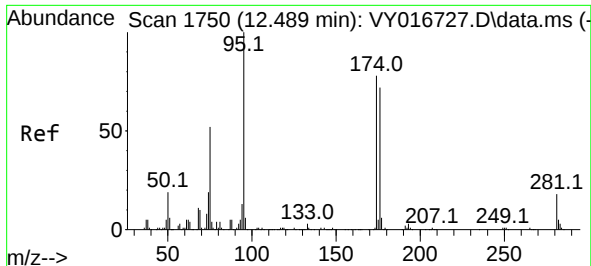
Tgt Ion:113 Resp: 60461
Ion Ratio Lower Upper
113 100
111 100.7 83.8 125.6
192 17.3 14.5 21.7



#50
Toluene-d8
Concen: 42.139 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY016790.D
Acq: 22 Dec 2023 05:22

Tgt Ion: 98 Resp: 215160
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

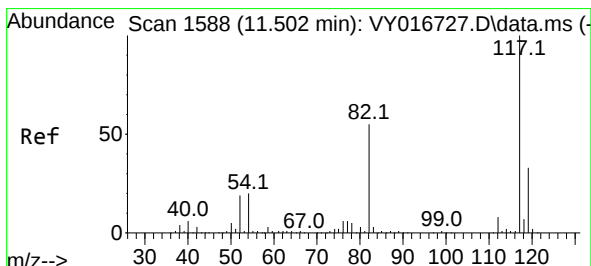
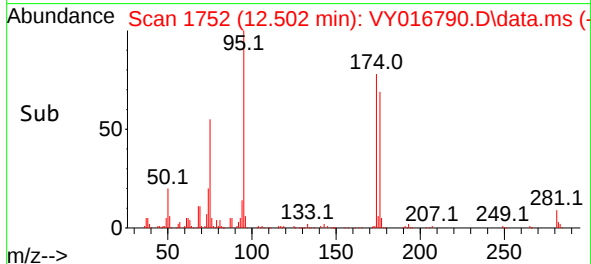
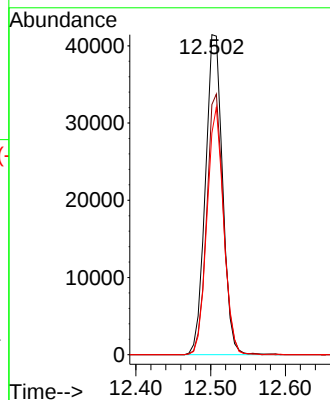
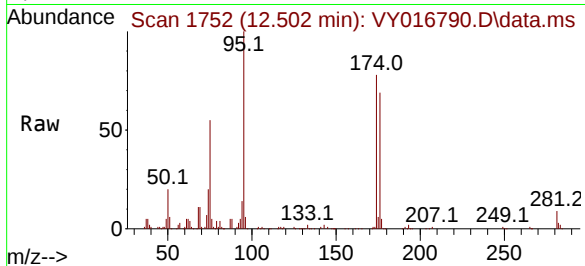




#62
4-Bromofluorobenzene
Concen: 39.905 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016790.D
Acq: 22 Dec 2023 05:22

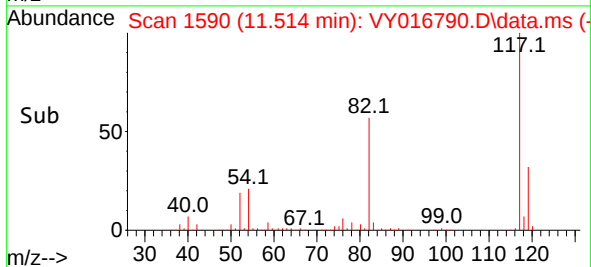
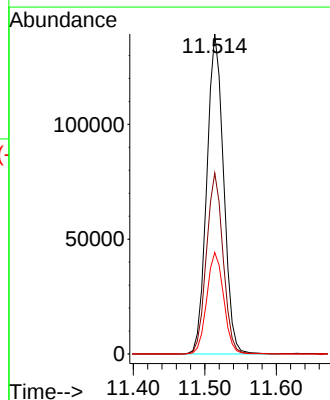
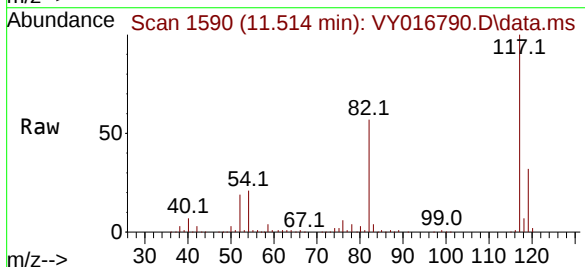
Instrument :
MSVOA_Y
ClientSampleId :
COLY3

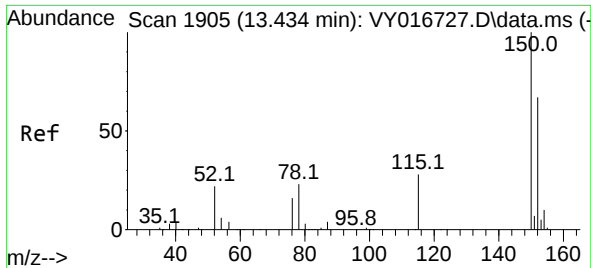
Tgt Ion: 95 Resp: 66104
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 75.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016790.D
Acq: 22 Dec 2023 05:22

Tgt Ion: 117 Resp: 227480
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 31.7 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: VY016790.D

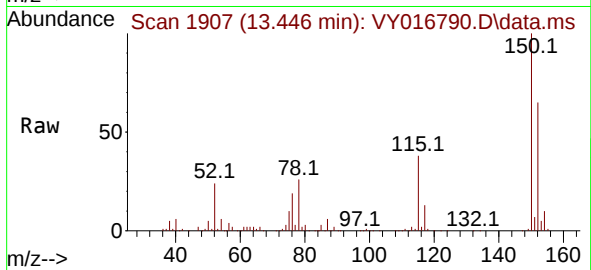
Acq: 22 Dec 2023 05:22

Instrument :

MSVOA_Y

ClientSampleId :

C0LY3



Tgt Ion:152 Resp: 83791

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 156.4 0.0 344.6

