

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016793.D
 Acq On : 22 Dec 2023 06:32
 Operator : SY/MD
 Sample : 05876-21
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY6

Quant Time: Dec 22 06:42:34 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)

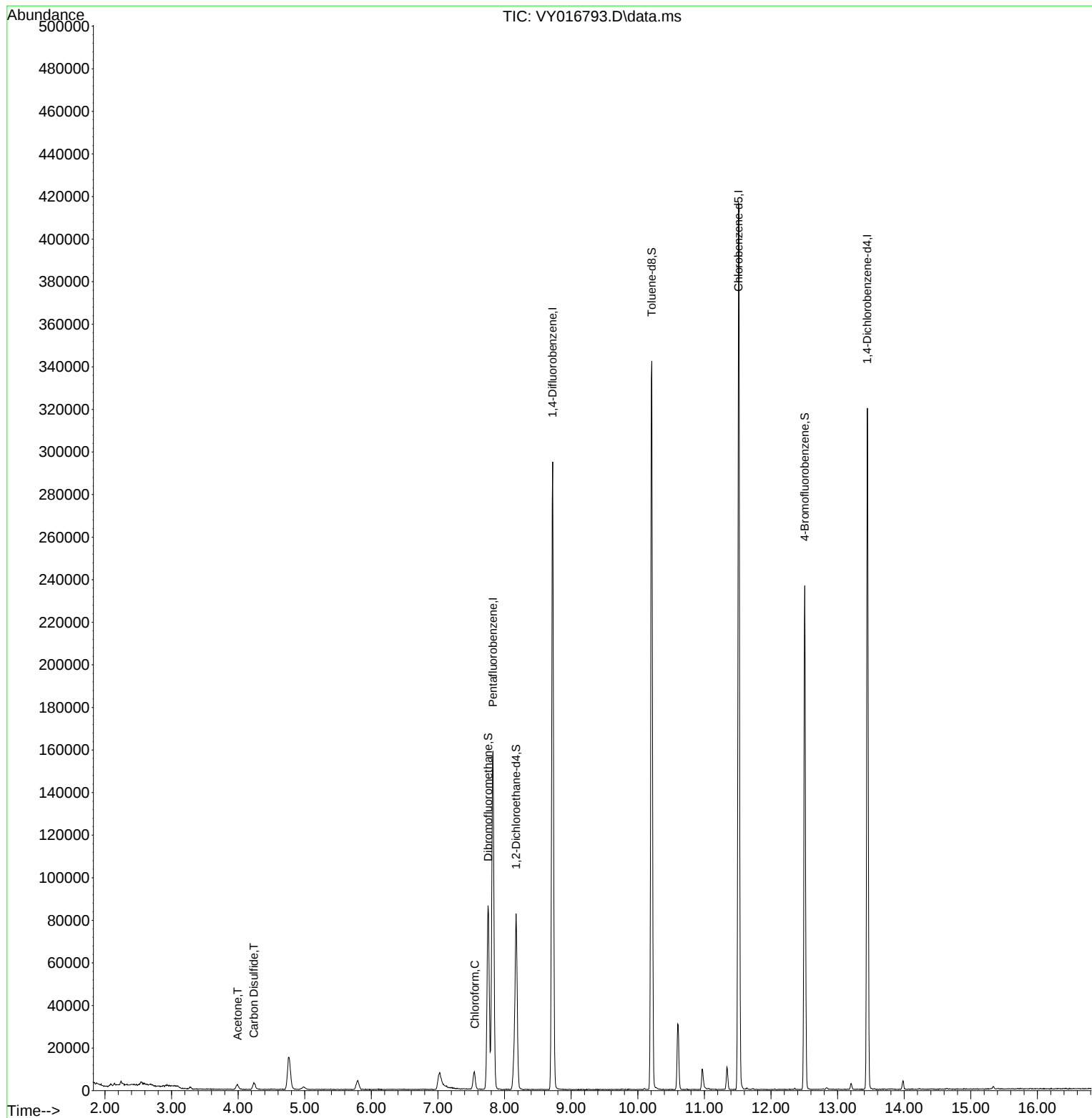
Internal Standards						
1) Pentafluorobenzene	7.826	168	119273	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	248054	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	223622	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	78431	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	58125	53.383	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.760%			
35) Dibromofluoromethane	7.752	113	63389	44.611	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.220%			
50) Toluene-d8	10.209	98	226770	44.272	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.540%			
62) 4-Bromofluorobenzene	12.508	95	70172	42.226	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.460%			
Target Compounds					Qvalue	
16) Acetone	3.991	43	4223	14.343	ug/l	95
17) Carbon Disulfide	4.235	76	5120	1.671	ug/l	98
30) Chloroform	7.551	83	8098	3.375	ug/l	88

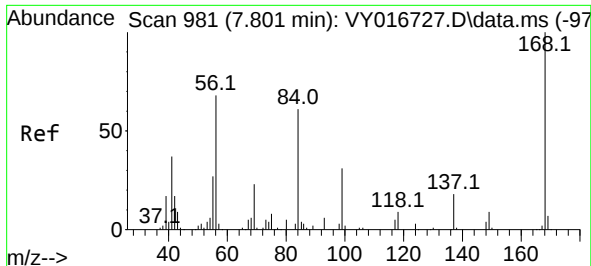
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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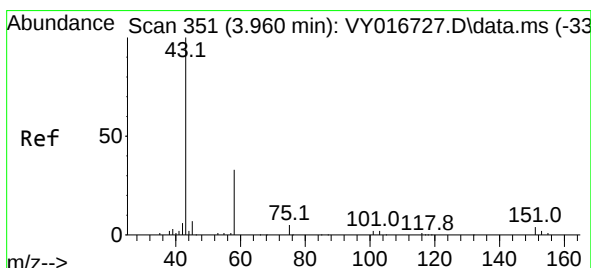
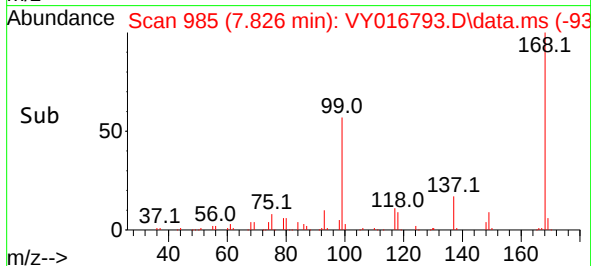
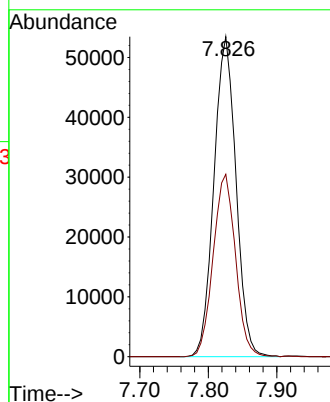
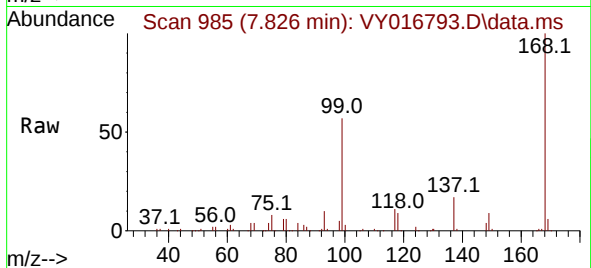




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016793.D
Acq: 22 Dec 2023 06:32

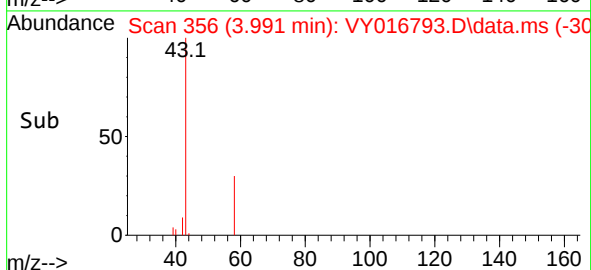
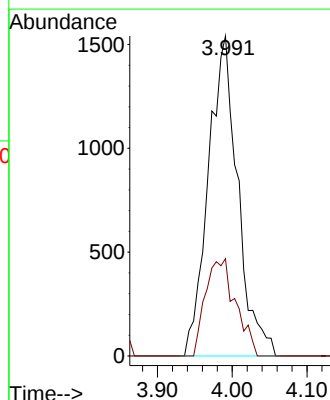
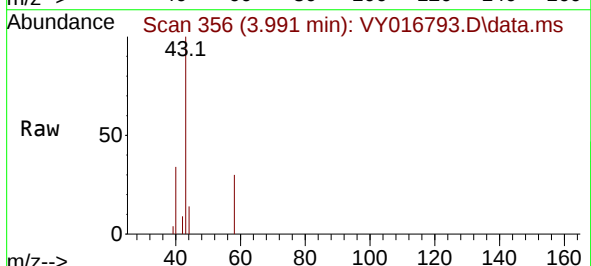
Instrument :
MSVOA_Y
ClientSampleId :
COLY6

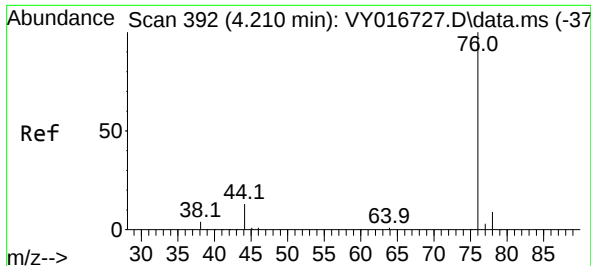
Tgt Ion:168 Resp: 119273
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#16
Acetone
Concen: 14.343 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.031 min
Lab File: VY016793.D
Acq: 22 Dec 2023 06:32

Tgt Ion: 43 Resp: 4223
Ion Ratio Lower Upper
43 100
58 30.4 26.6 39.8

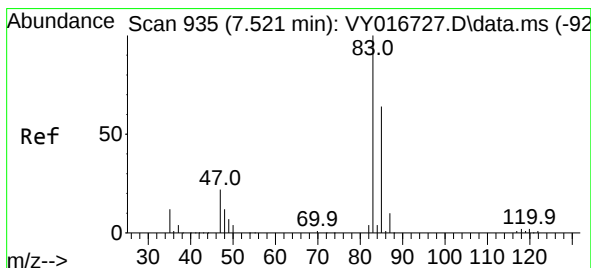
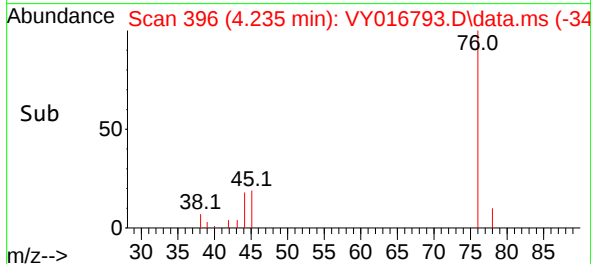
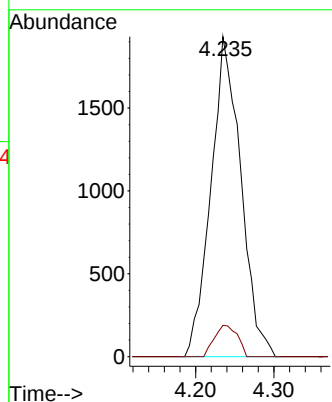
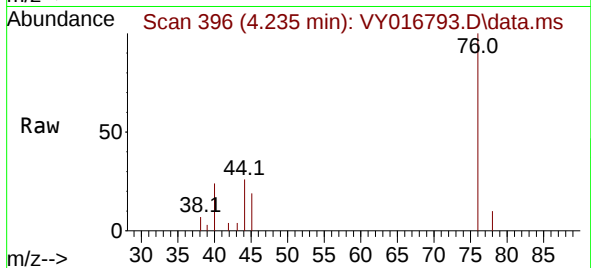




#17
Carbon Disulfide
Concen: 1.671 ug/l
RT: 4.235 min Scan# 392
Delta R.T. 0.025 min
Lab File: VY016793.D
Acq: 22 Dec 2023 06:32

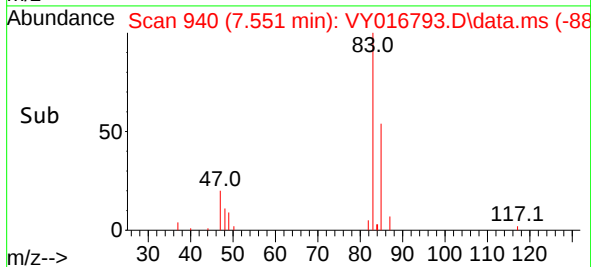
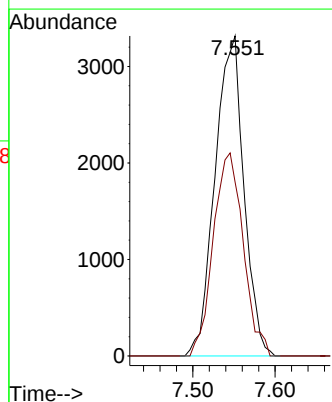
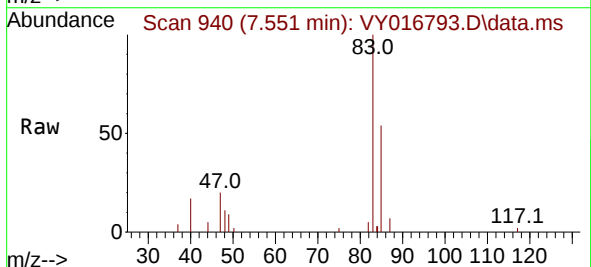
Instrument :
MSVOA_Y
ClientSampleId :
COLY6

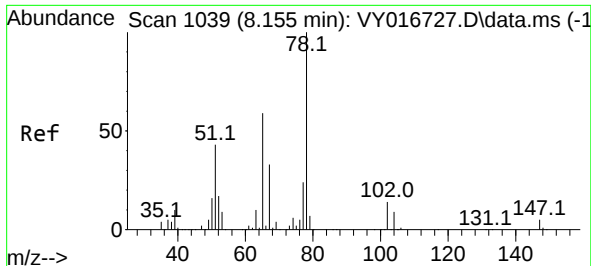
Tgt Ion: 76 Resp: 5120
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#30
Chloroform
Concen: 3.375 ug/l
RT: 7.551 min Scan# 940
Delta R.T. 0.031 min
Lab File: VY016793.D
Acq: 22 Dec 2023 06:32

Tgt Ion: 83 Resp: 8098
Ion Ratio Lower Upper
83 100
85 54.3 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 53.383 ug/l

RT: 8.173 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016793.D

Acq: 22 Dec 2023 06:32

Instrument :

MSVOA_Y

ClientSampleId :

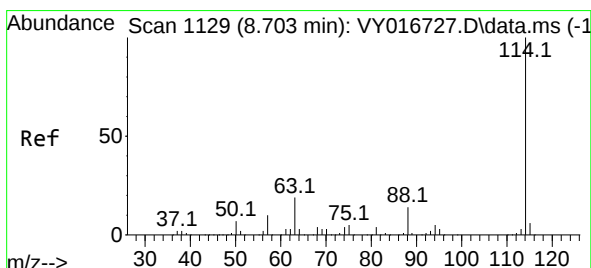
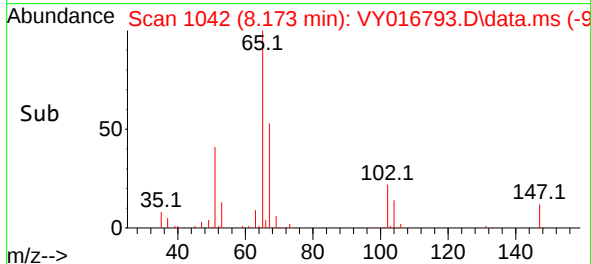
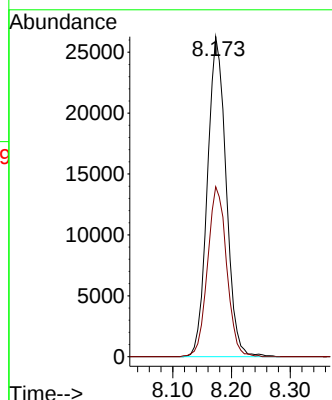
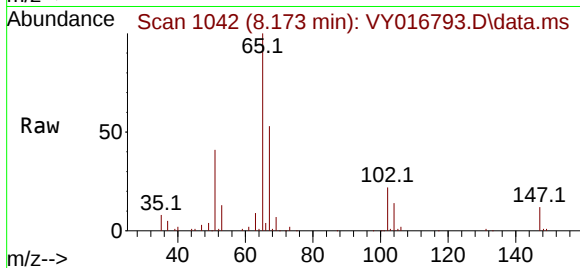
COLY6

Tgt Ion: 65 Resp: 58125

Ion Ratio Lower Upper

65 100

67 54.1 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: VY016793.D

Acq: 22 Dec 2023 06:32

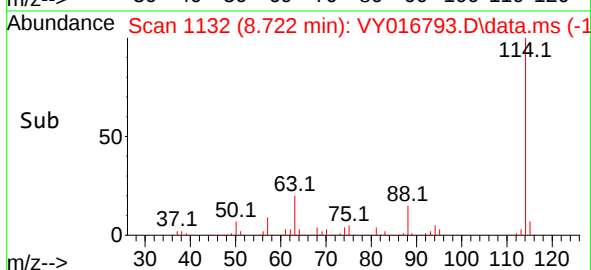
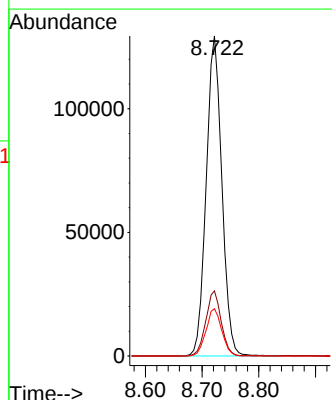
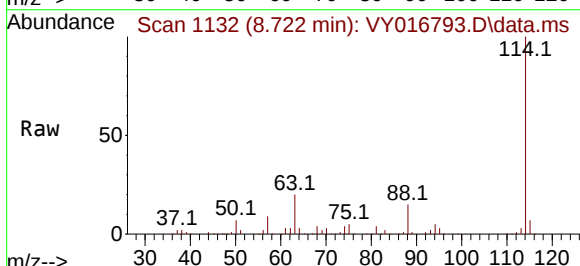
Tgt Ion: 114 Resp: 248054

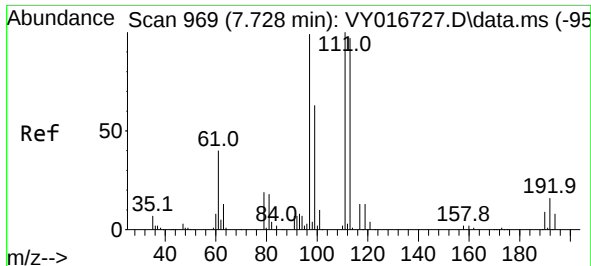
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.8 0.0 29.0

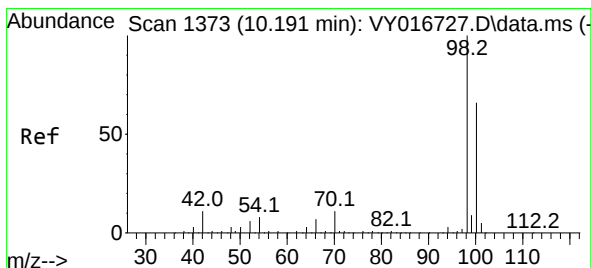
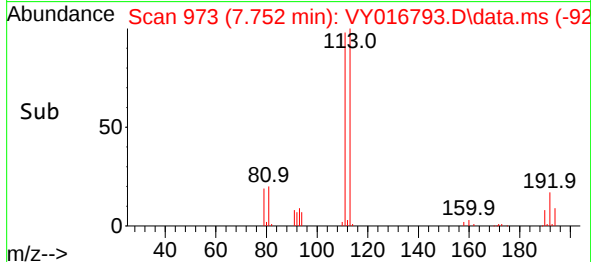
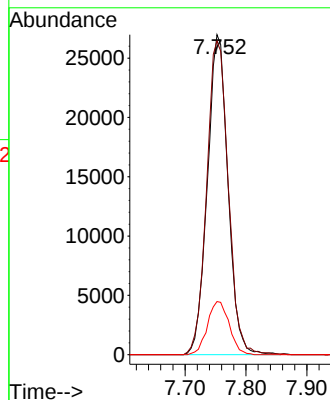
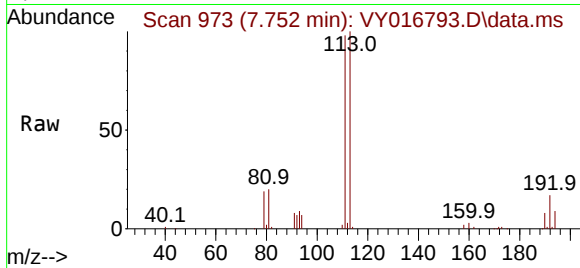




#35
Dibromofluoromethane
Concen: 44.611 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016793.D
Acq: 22 Dec 2023 06:32

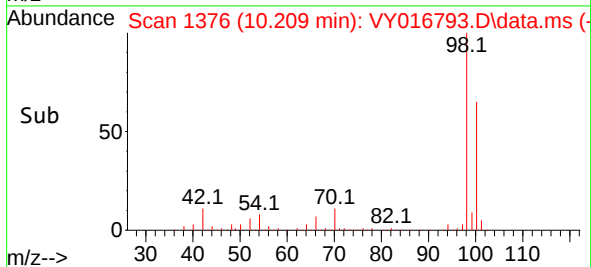
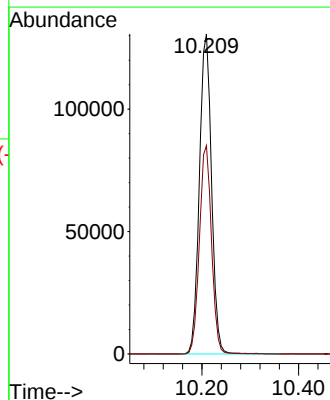
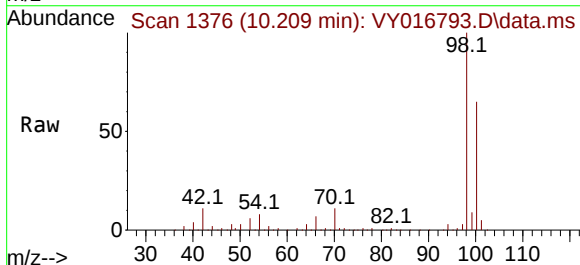
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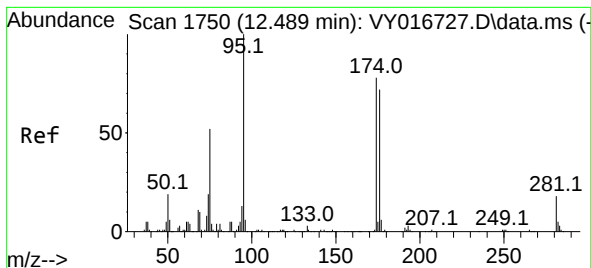
Tgt Ion:113 Resp: 63389
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 44.272 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.019 min
Lab File: VY016793.D
Acq: 22 Dec 2023 06:32

Tgt Ion: 98 Resp: 226770
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

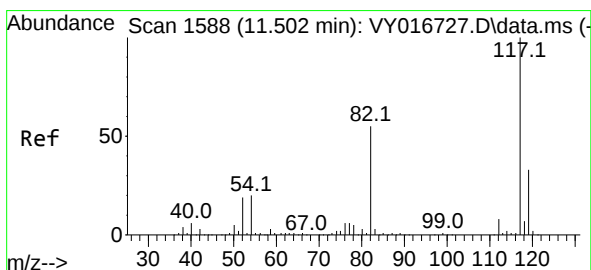
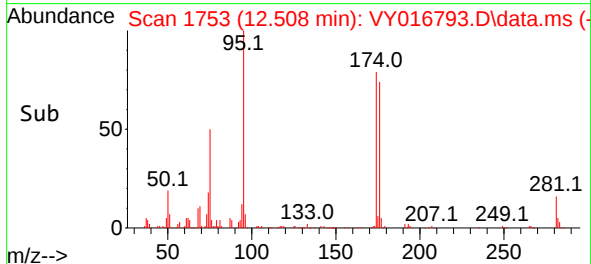
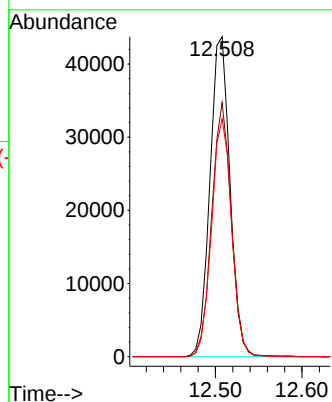
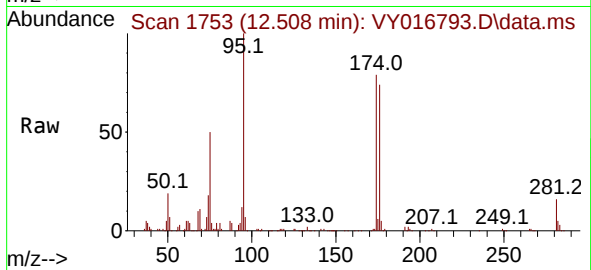




#62
4-Bromofluorobenzene
Concen: 42.226 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016793.D
Acq: 22 Dec 2023 06:32

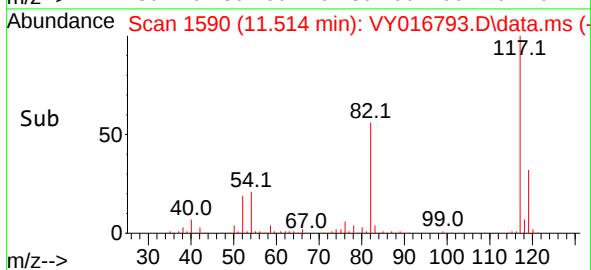
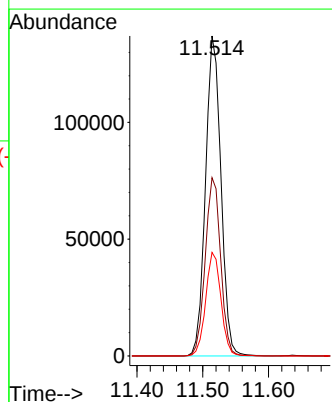
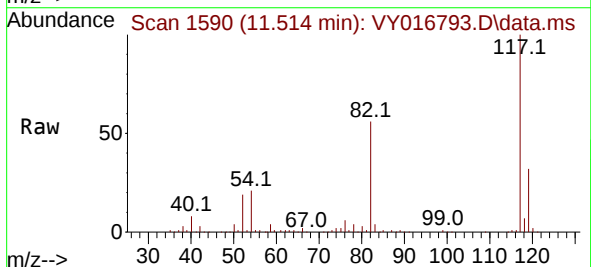
Instrument :
MSVOA_Y
ClientSampleId :
COLY6

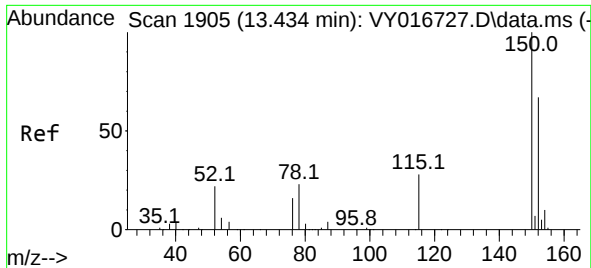
Tgt Ion: 95 Resp: 70172
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.0
176 74.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016793.D
Acq: 22 Dec 2023 06:32

Tgt Ion: 117 Resp: 223622
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.3 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: VY016793.D

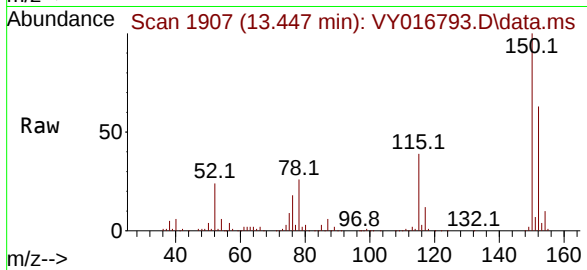
Acq: 22 Dec 2023 06:32

Instrument :

MSVOA_Y

ClientSampleId :

C0LY6



Tgt Ion:152 Resp: 78431

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 159.9 0.0 344.6

