

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010921.D
 Acq On : 11 Oct 2022 16:43
 Operator : KP/MD
 Sample : N5082-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FLORENCE-COMP-1-FLORENCE-VOC-1

Quant Time: Oct 12 04:46:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

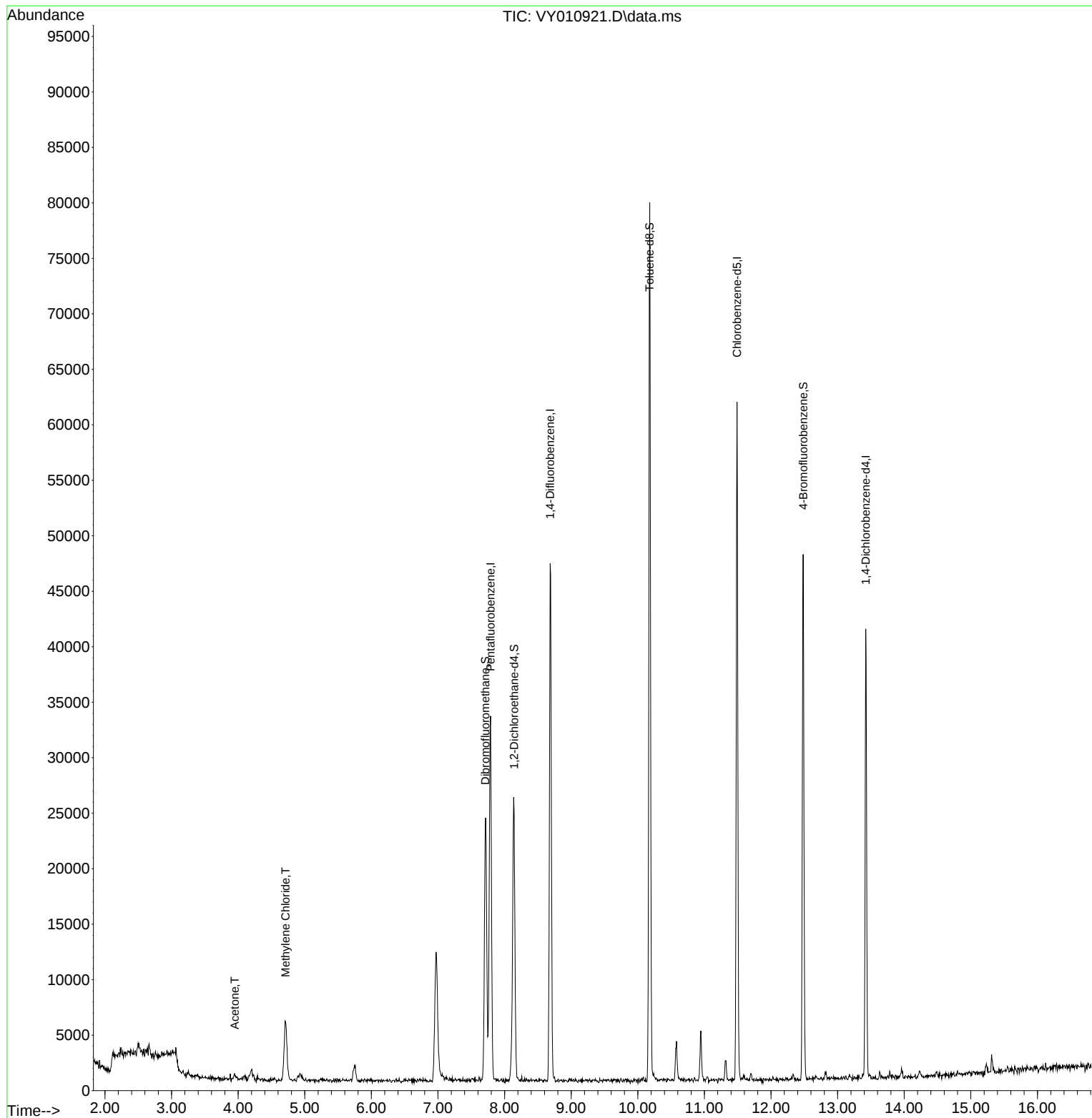
Internal Standards						
1) Pentafluorobenzene	7.789	168	26366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	40462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	34195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	19324	72.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.620%	
35) Dibromofluoromethane	7.710	113	17743	66.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.120%	
50) Toluene-d8	10.179	98	53457	58.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.400%	
62) 4-Bromofluorobenzene	12.483	95	13464	36.527	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.060%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1134	16.707	ug/l #	81
20) Methylene Chloride	4.710	84	3902	8.819	ug/l	83

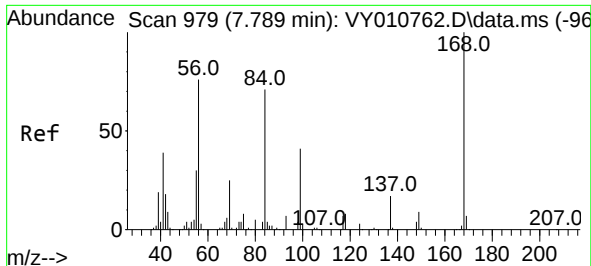
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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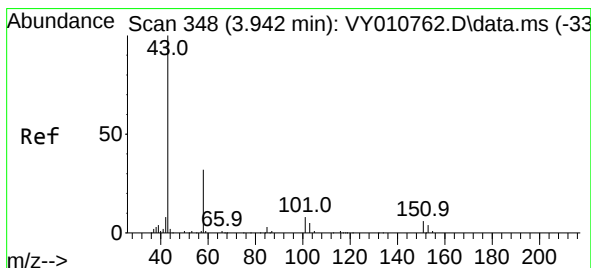
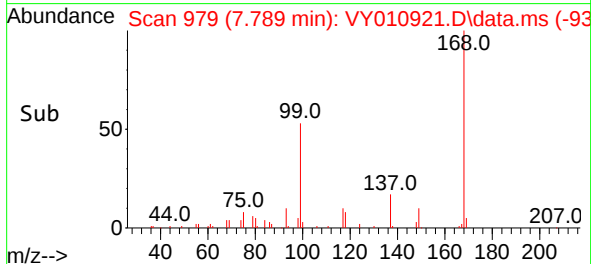
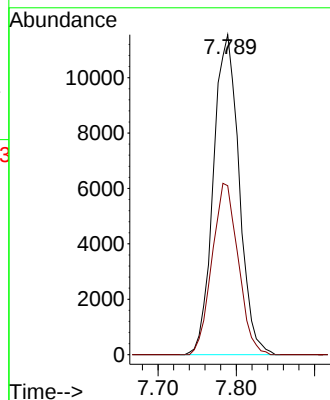
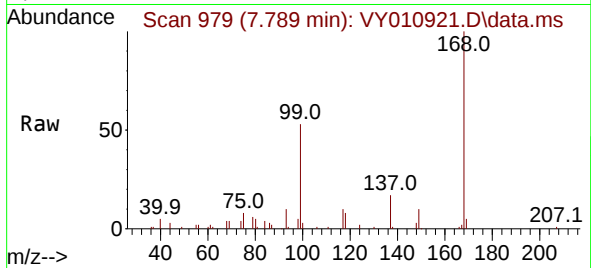




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010921.D
Acq: 11 Oct 2022 16:43

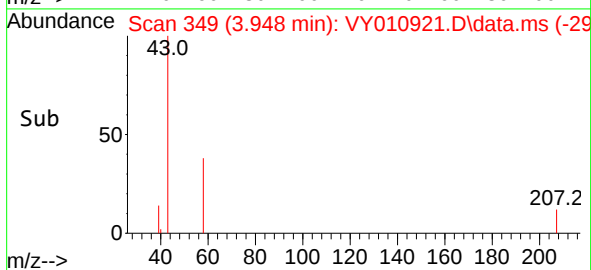
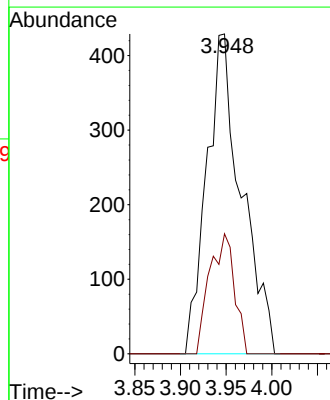
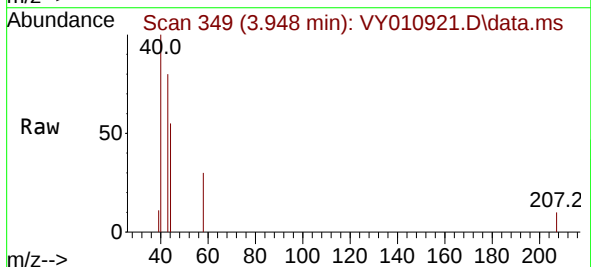
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

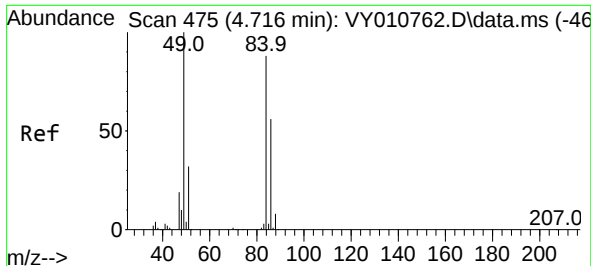
Tgt Ion:168 Resp: 26366
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 16.707 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010921.D
Acq: 11 Oct 2022 16:43

Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#



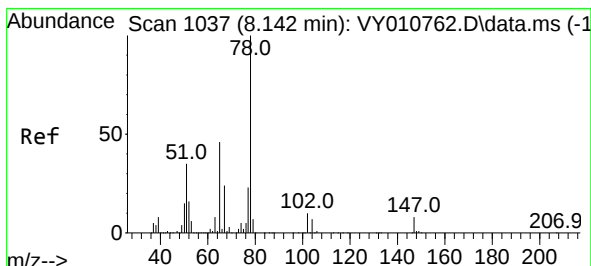
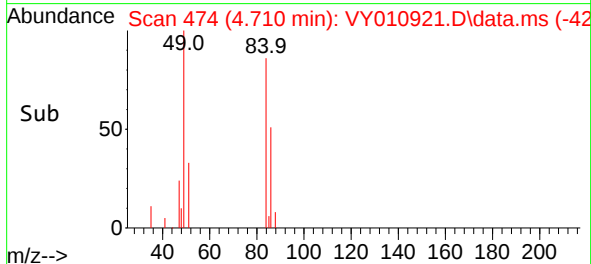
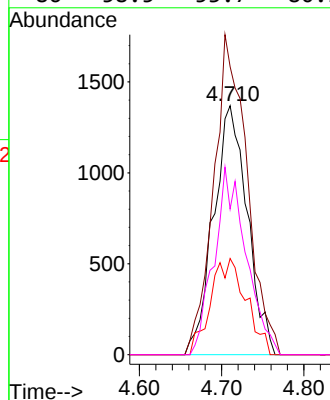
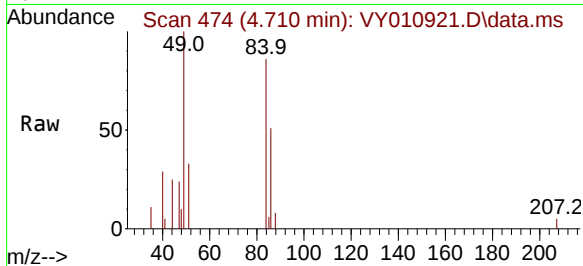


#20
Methylene Chloride
Concen: 8.819 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010921.D
Acq: 11 Oct 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion: 84 Resp: 3902

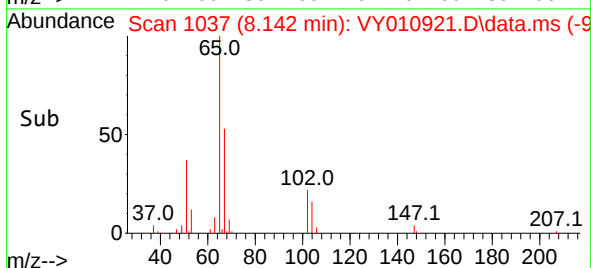
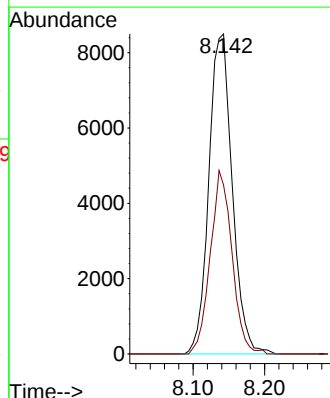
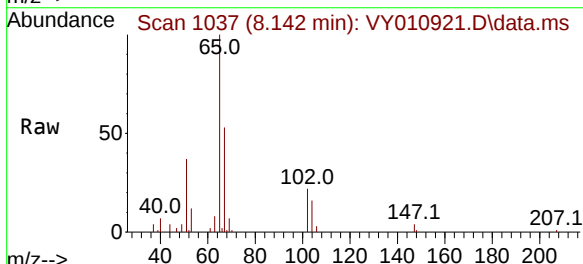
Ion	Ratio	Lower	Upper
84	100		
49	115.7	114.4	171.6
51	38.6	35.3	52.9
86	58.5	53.7	80.5

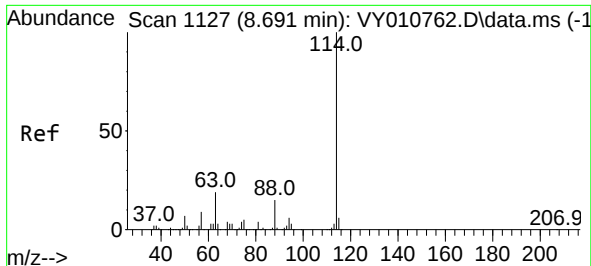


#33
1,2-Dichloroethane-d4
Concen: 72.306 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY010921.D
Acq: 11 Oct 2022 16:43

Tgt Ion: 65 Resp: 19324

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010921.D

Acq: 11 Oct 2022 16:43

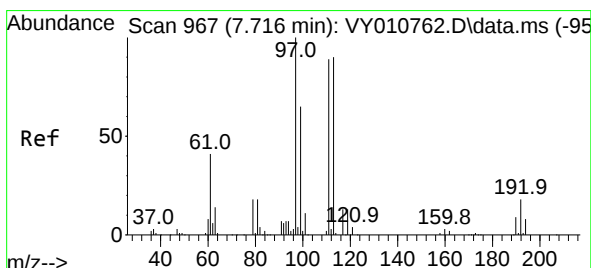
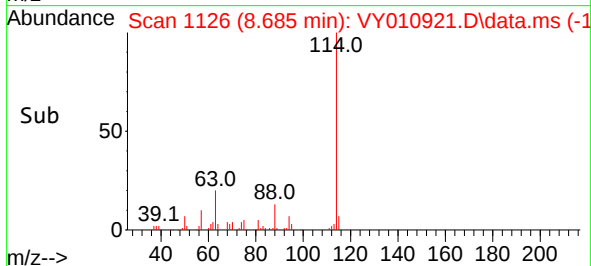
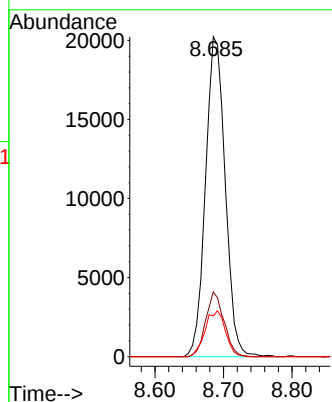
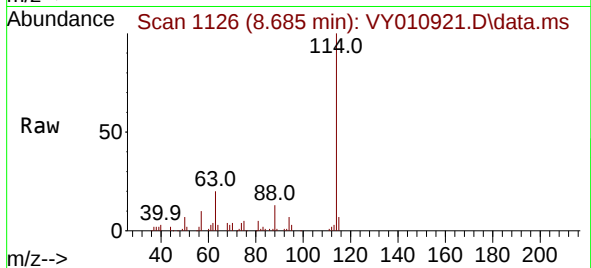
Instrument :

MSVOA_Y

ClientSampleId :

FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion:114	Resp:	40462
Ion Ratio	Lower	Upper
114	100	
63	20.3	0.0 43.2
88	12.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 66.060 ug/l

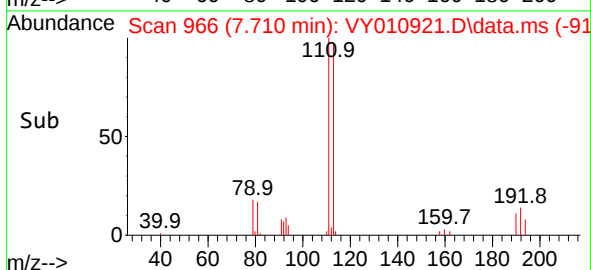
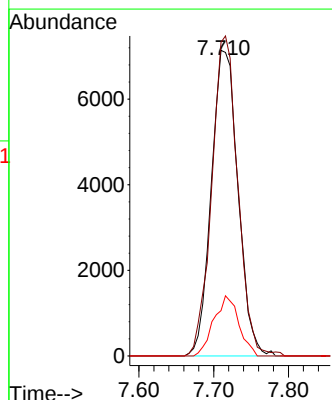
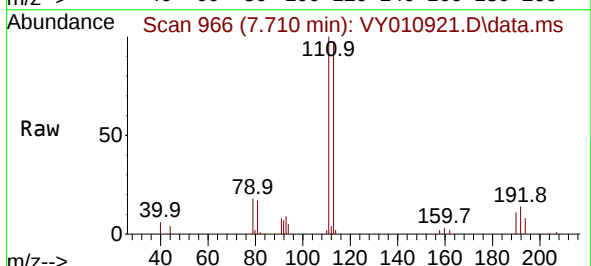
RT: 7.710 min Scan# 966

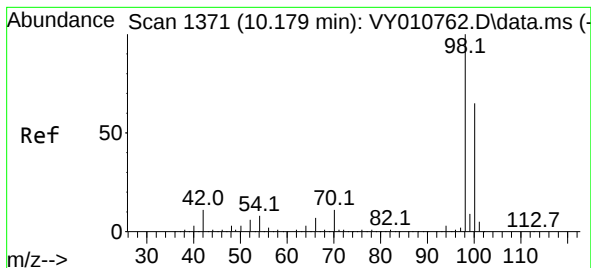
Delta R.T. -0.006 min

Lab File: VY010921.D

Acq: 11 Oct 2022 16:43

Tgt Ion:113	Resp:	17743
Ion Ratio	Lower	Upper
113	100	
111	101.9	82.6 124.0
192	18.4	17.6 26.4

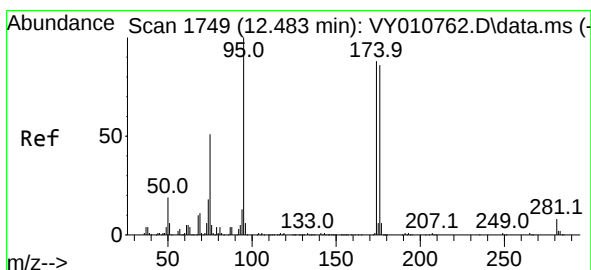
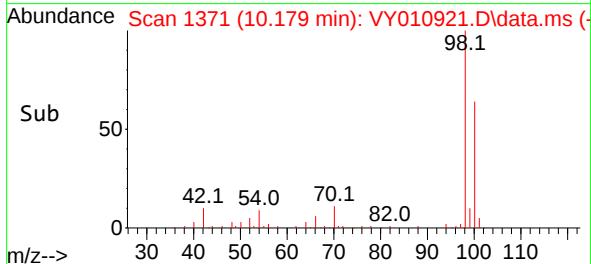
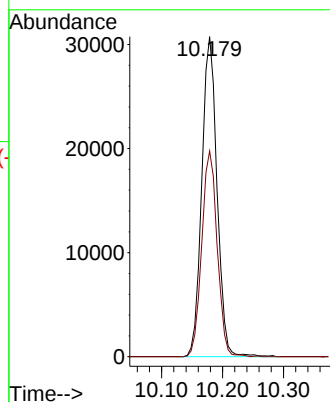
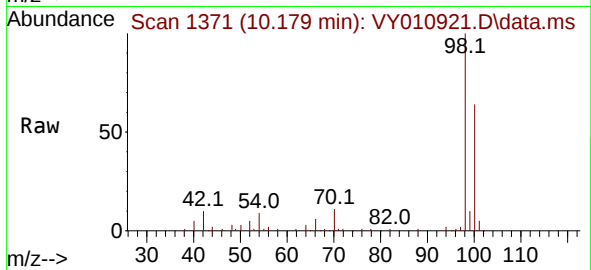




#50
Toluene-d8
Concen: 58.197 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010921.D
Acq: 11 Oct 2022 16:43

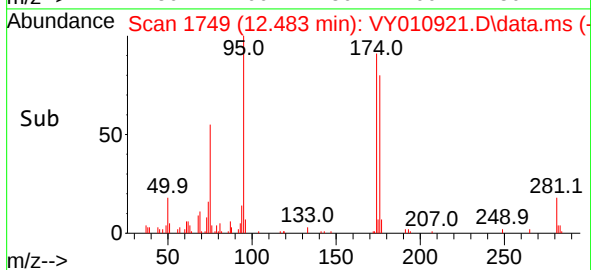
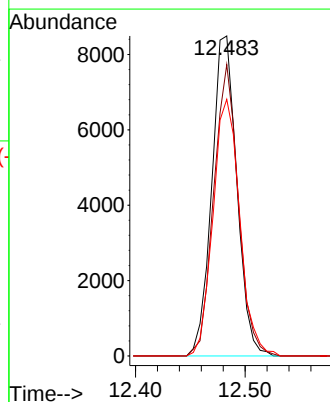
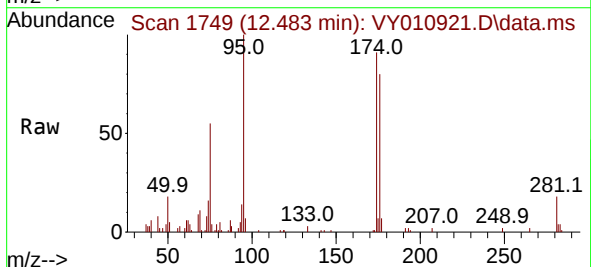
Instrument : MSVOA_Y
ClientSampleId : FLORENCE-COMP-1-FLORENCE-VOC-1

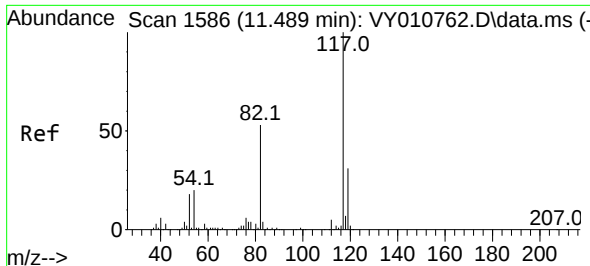
Tgt Ion: 98 Resp: 53457
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010921.D
Acq: 11 Oct 2022 16:43

Tgt Ion: 95 Resp: 13464
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 85.6 0.0 175.8

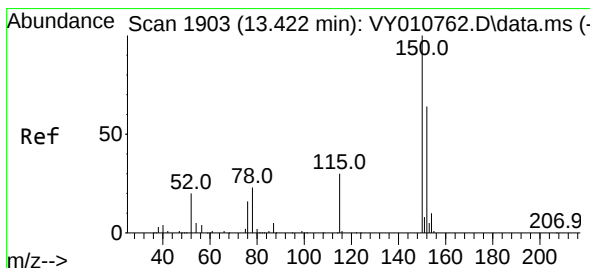
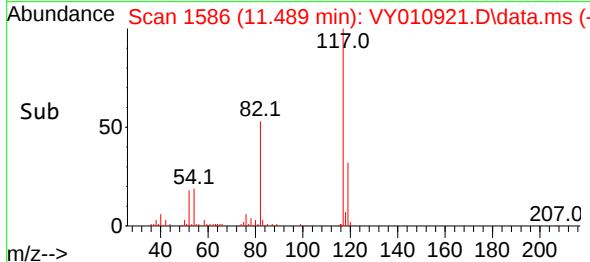
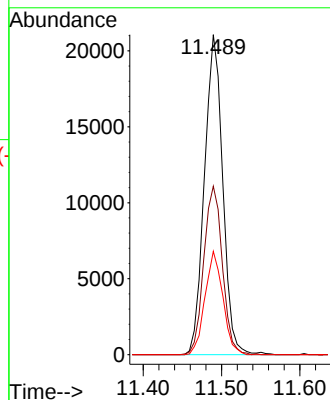
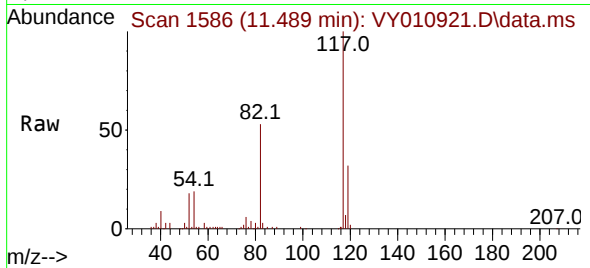




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010921.D
Acq: 11 Oct 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion:	117	Resp:	34195
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010921.D
Acq: 11 Oct 2022 16:43

Tgt Ion:	152	Resp:	10884
Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.2	84.7
150	158.0	0.0	347.6

