

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010922.D
 Acq On : 11 Oct 2022 17:06
 Operator : KP/MD
 Sample : N5082-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FLORENCE-COMP-2-FLORENCE-VOC-2

Quant Time: Oct 12 04:46:46 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)

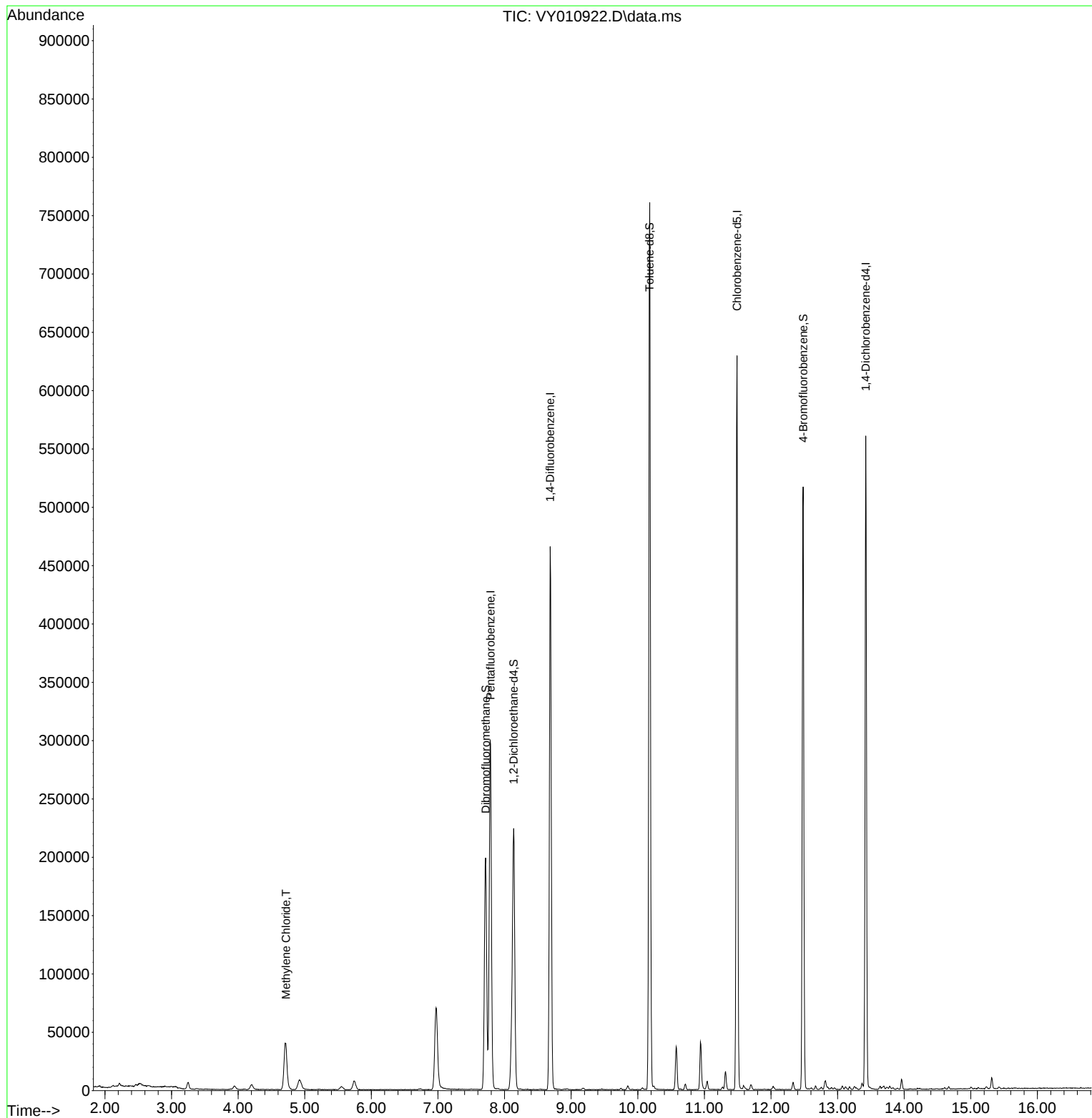
Internal Standards						
1) Pentafluorobenzene	7.789	168	234000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	345044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150985	63.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.320%	
35) Dibromofluoromethane	7.716	113	142977	53.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.179	98	506270	55.651	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.300%	
62) 4-Bromofluorobenzene	12.483	95	154106	42.832	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.660%	
Target Compounds						
20) Methylene Chloride	4.716	84	31490	7.491	ug/l	# 81

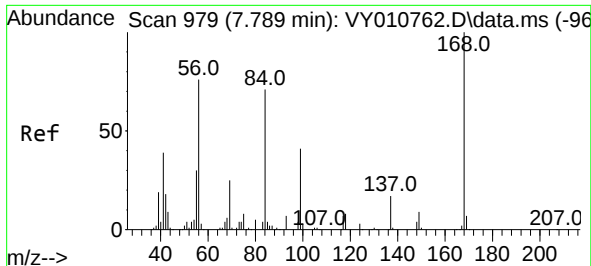
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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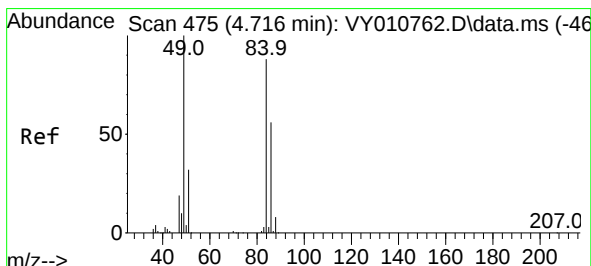
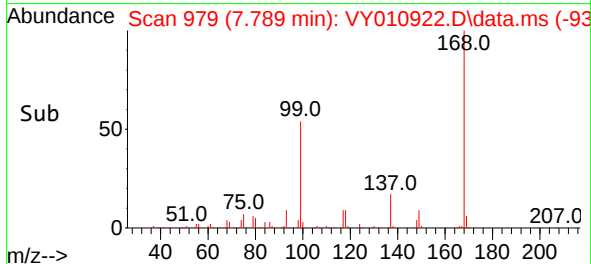
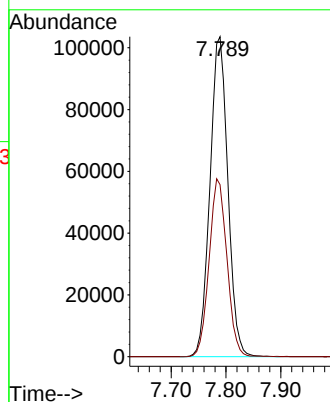
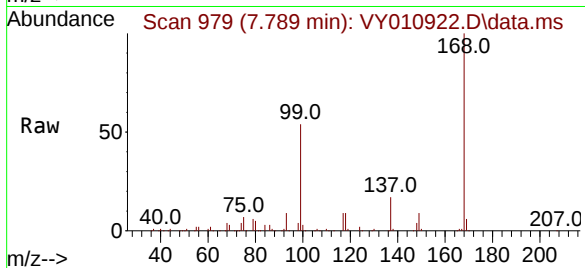




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010922.D
Acq: 11 Oct 2022 17:06

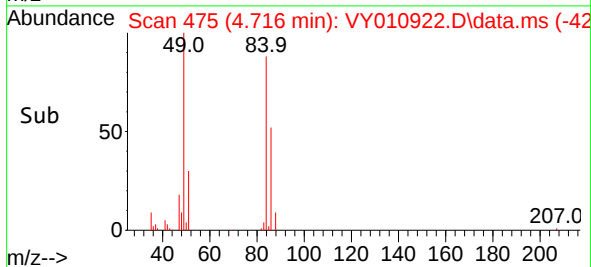
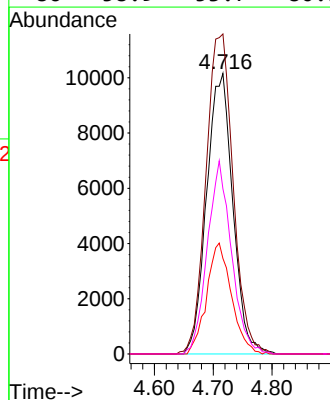
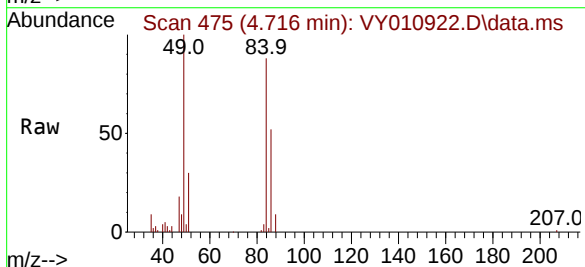
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

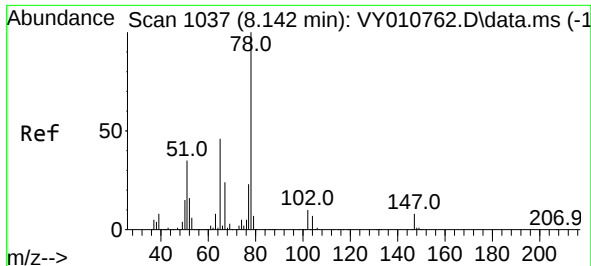
Tgt Ion:168 Resp: 234000
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#20
Methylene Chloride
Concen: 7.491 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY010922.D
Acq: 11 Oct 2022 17:06

Tgt Ion: 84 Resp: 31490
Ion Ratio Lower Upper
84 100
49 114.1 114.4 171.6#
51 34.0 35.3 52.9#
86 58.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 63.656 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY010922.D

Acq: 11 Oct 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

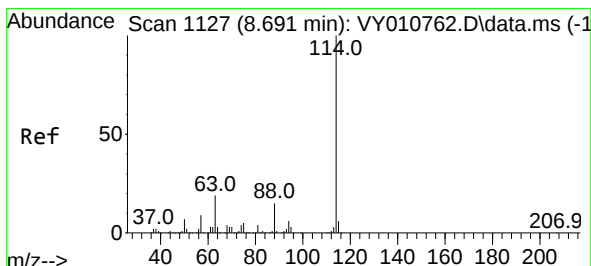
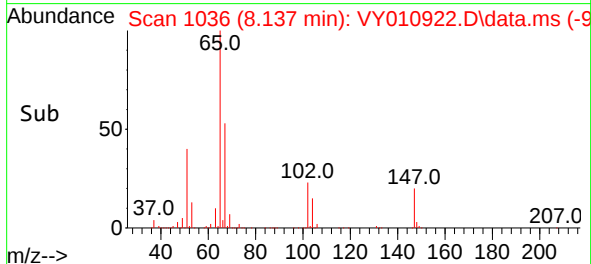
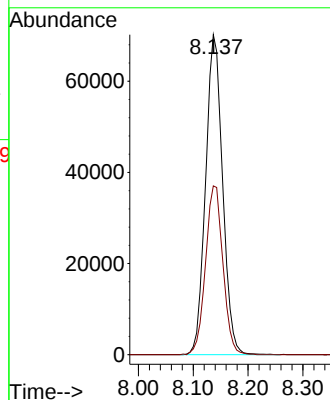
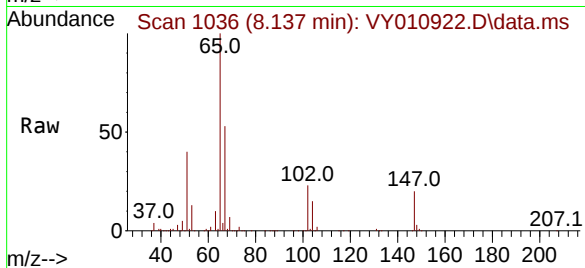
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion: 65 Resp: 150985

Ion Ratio Lower Upper

65 100

67 53.9 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: VY010922.D

Acq: 11 Oct 2022 17:06

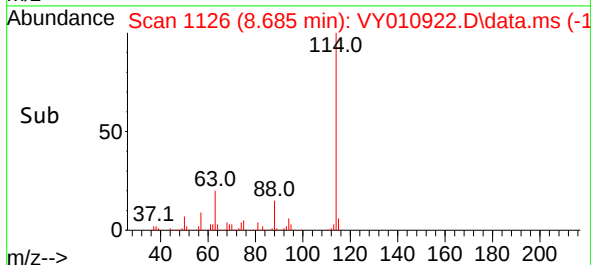
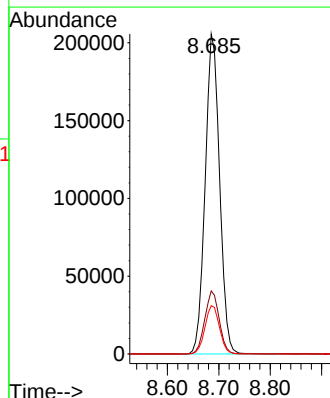
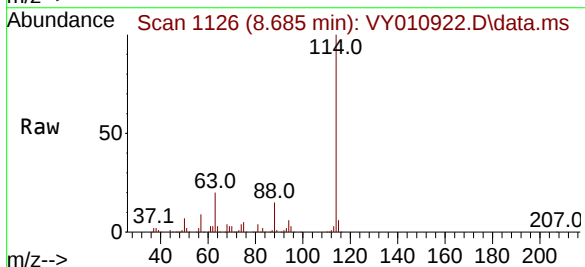
Tgt Ion: 114 Resp: 400733

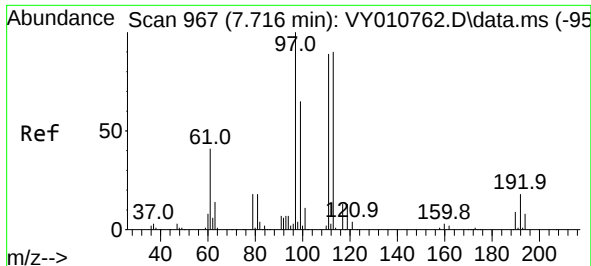
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.1 0.0 31.8

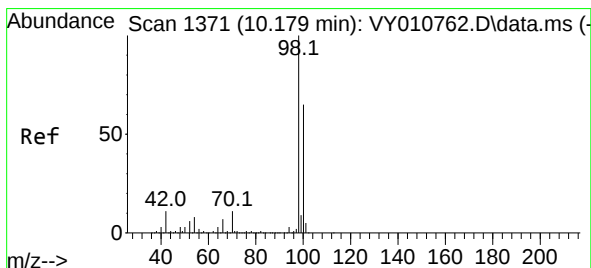
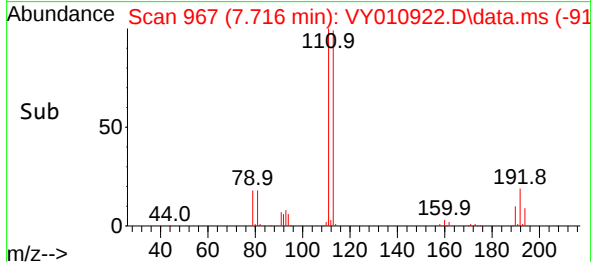
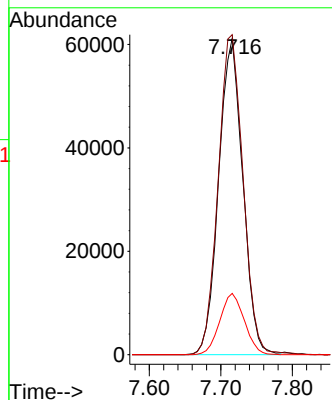
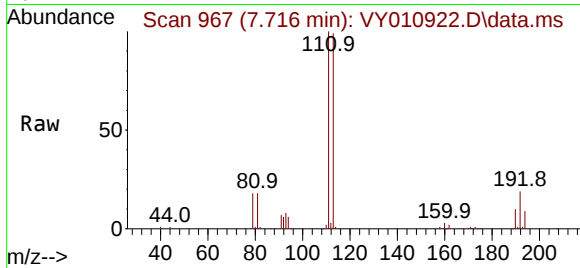




#35
Dibromofluoromethane
Concen: 53.749 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010922.D
Acq: 11 Oct 2022 17:06

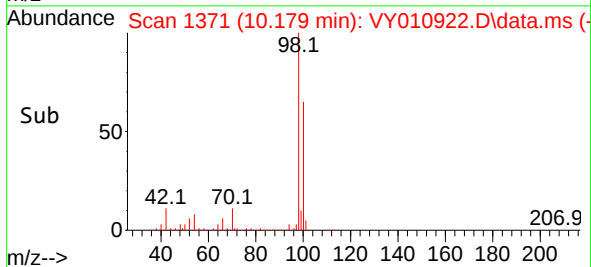
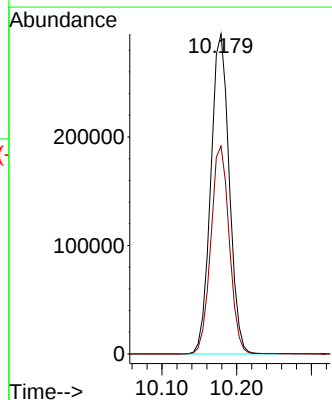
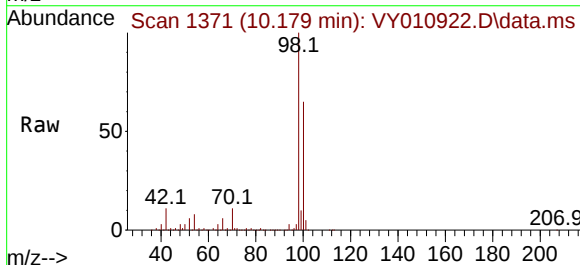
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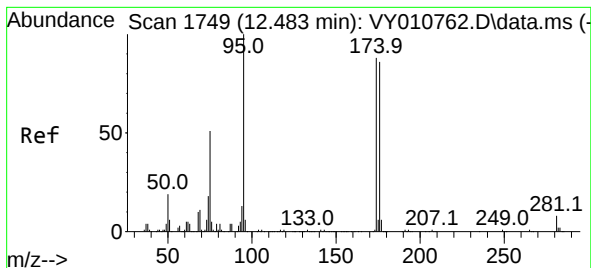
Tgt Ion:113 Resp: 142977
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 19.8 17.6 26.4



#50
Toluene-d8
Concen: 55.651 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010922.D
Acq: 11 Oct 2022 17:06

Tgt Ion: 98 Resp: 506270
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

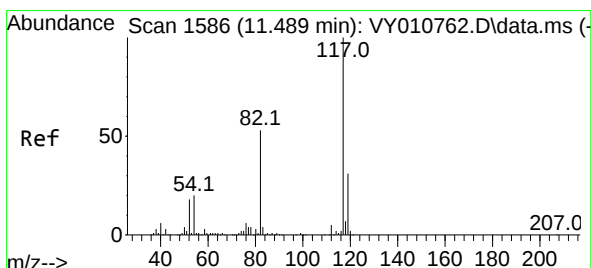
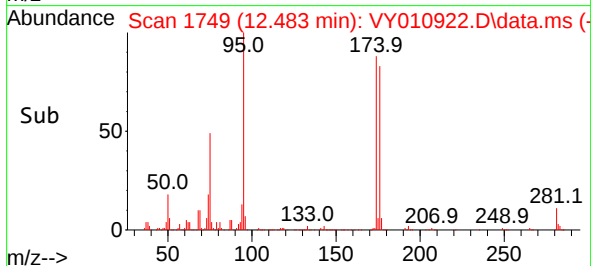
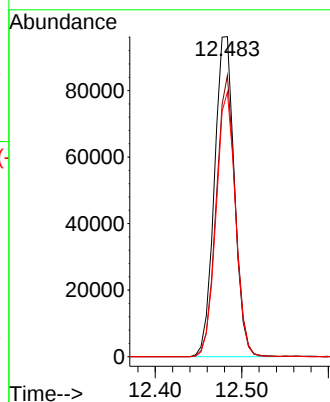
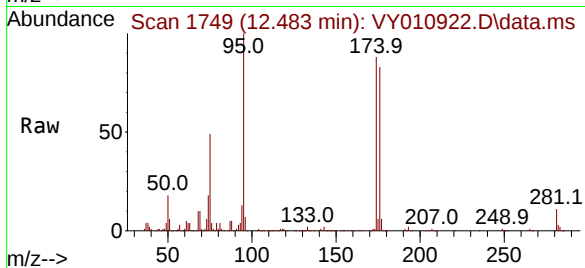




#62
4-Bromofluorobenzene
Concen: 42.832 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010922.D
Acq: 11 Oct 2022 17:06

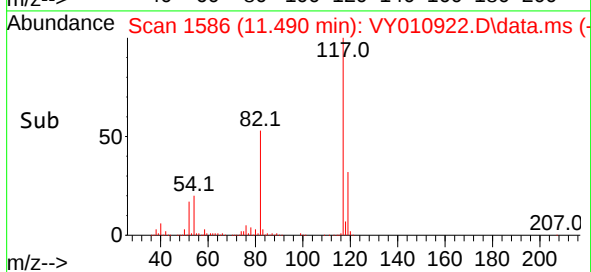
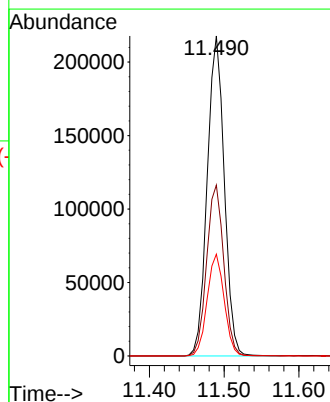
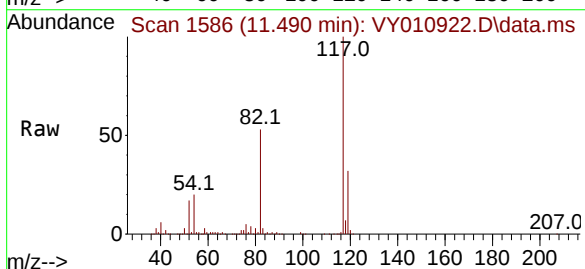
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

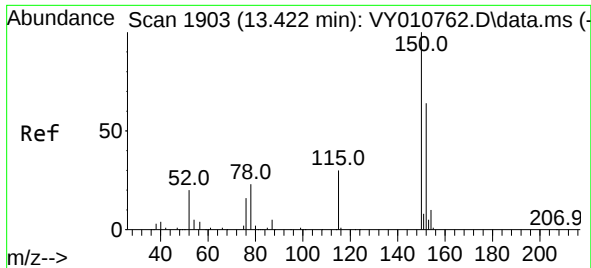
Tgt Ion: 95 Resp: 154106
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010922.D
Acq: 11 Oct 2022 17:06

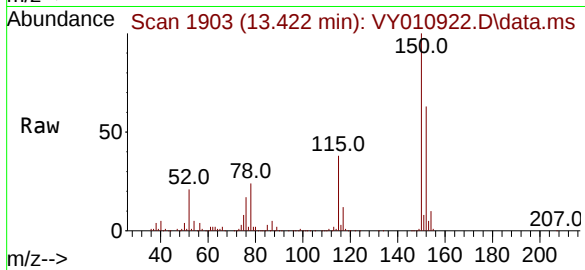
Tgt Ion: 117 Resp: 345044
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010922.D
 Acq: 11 Oct 2022 17:06

Instrument : MSVOA_Y
 ClientSampleId : FLORENCE-COMP-2-FLORENCE-VOC-2



Tgt Ion:152 Resp: 141551
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.2 84.7
 150 157.9 0.0 347.6

