

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007768.D
 Acq On : 07 Mar 2022 19:51
 Operator : SY/MD
 Sample : N1806-01
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-22

Quant Time: Mar 08 03:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

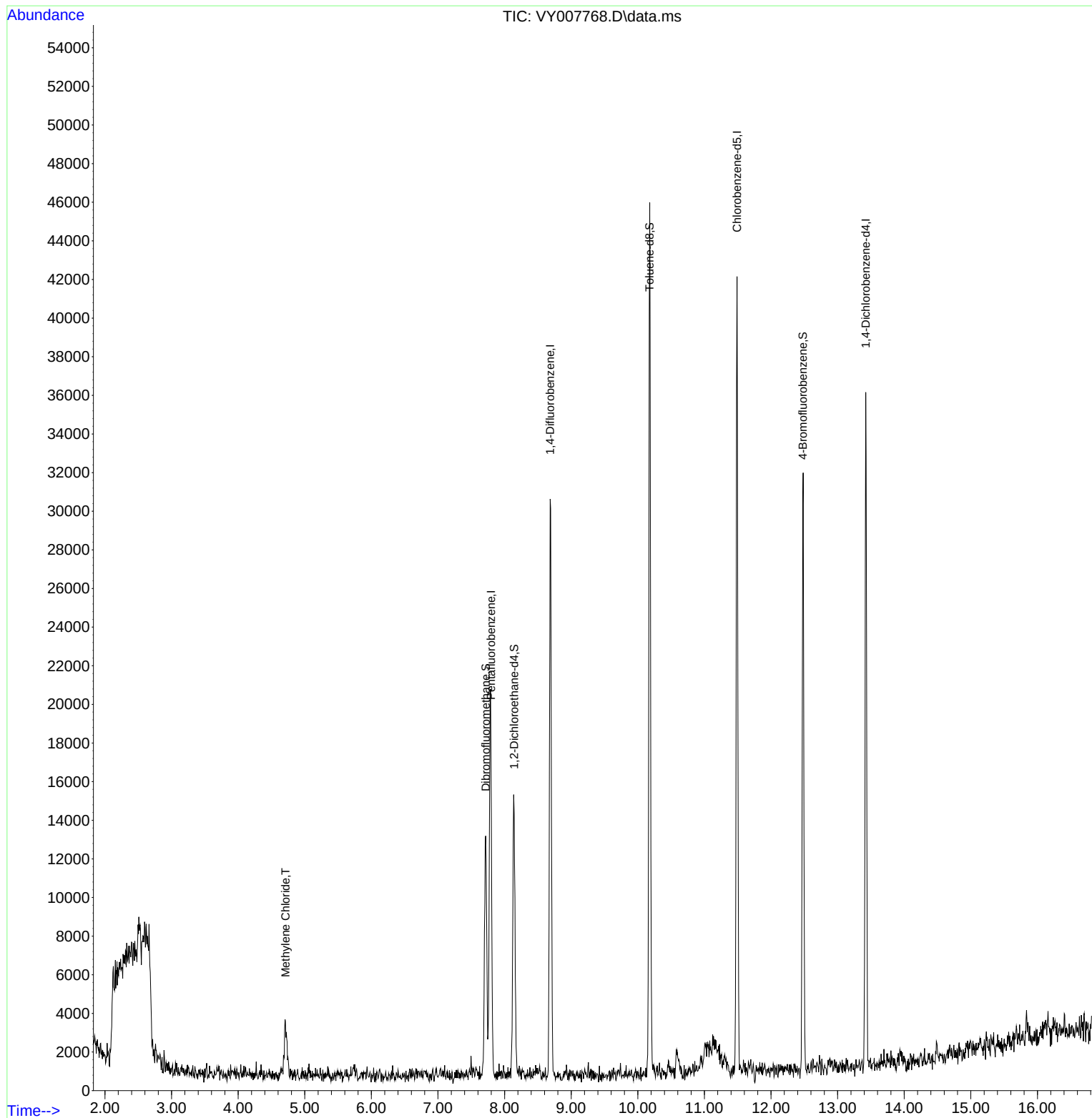
Internal Standards						
1) Pentafluorobenzene	7.795	168	15520	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	24203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	21105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10829	66.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.300%
35) Dibromofluoromethane	7.716	113	8649	55.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.780%
50) Toluene-d8	10.179	98	28749	50.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.477	95	8248	44.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.840%
Target Compounds						
20) Methylene Chloride	4.710	84	1969	8.829	ug/l	# 70

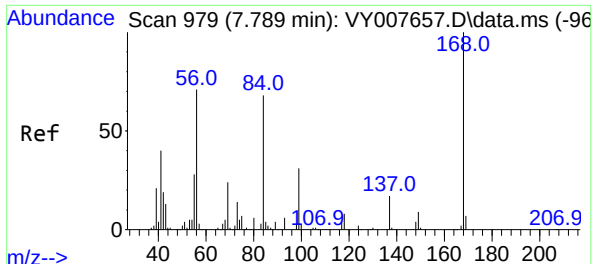
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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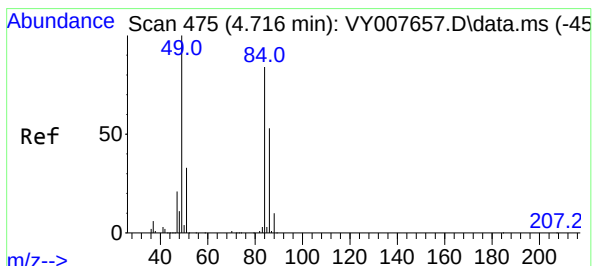
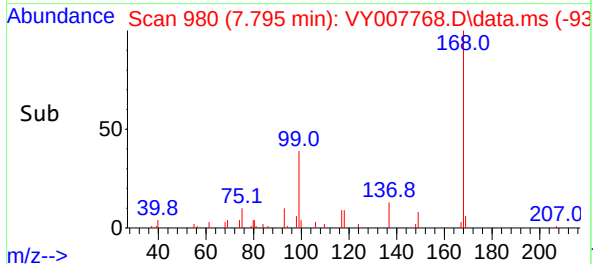
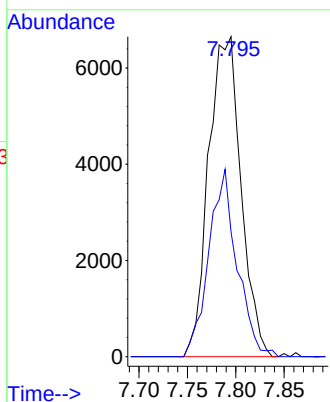
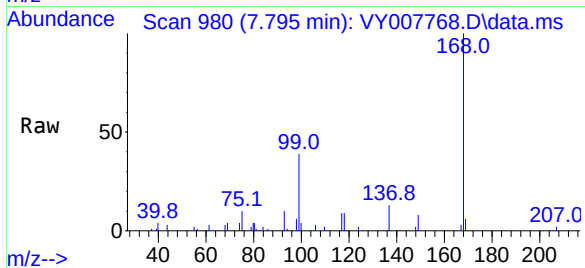




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007768.D
Acq: 07 Mar 2022 19:51

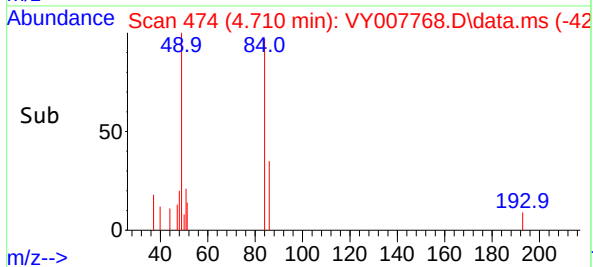
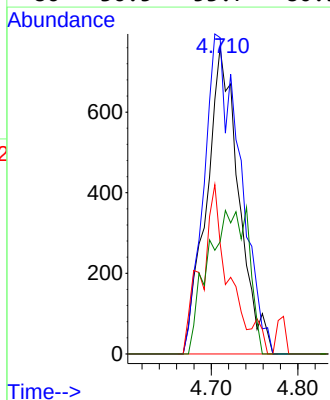
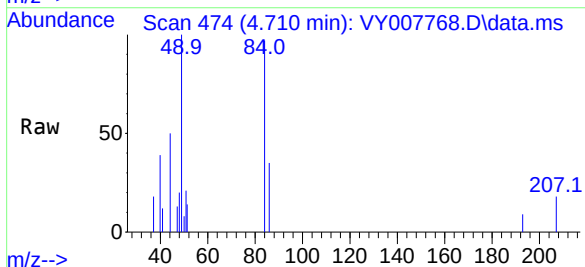
Instrument :
MSVOA_Y
ClientSampleId :
DUM-22

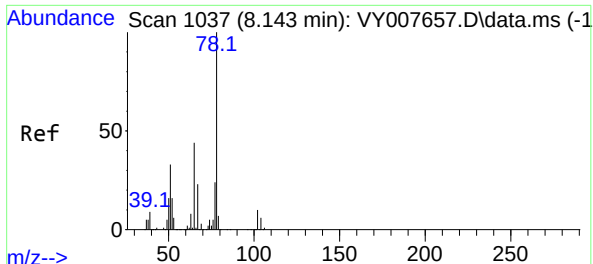
Tgt Ion:168 Resp: 15520
Ion Ratio Lower Upper
168 100
99 39.1 46.9 70.3#



#20
Methylene Chloride
Concen: 8.829 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007768.D
Acq: 07 Mar 2022 19:51

Tgt Ion: 84 Resp: 1969
Ion Ratio Lower Upper
84 100
49 103.2 114.4 171.6#
51 36.1 35.3 52.9
86 36.5 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 66.648 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007768.D

Acq: 07 Mar 2022 19:51

Instrument :

MSVOA_Y

ClientSampleId :

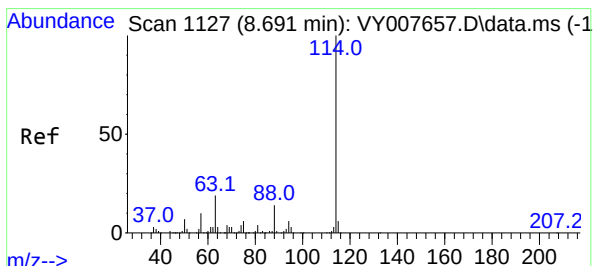
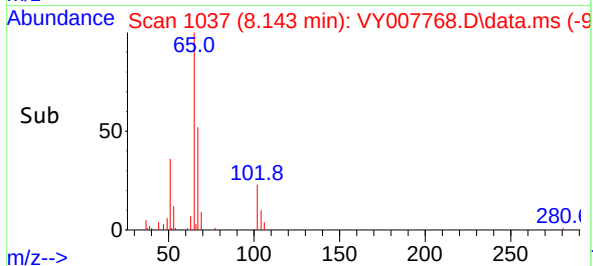
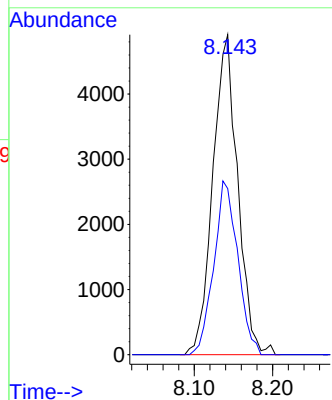
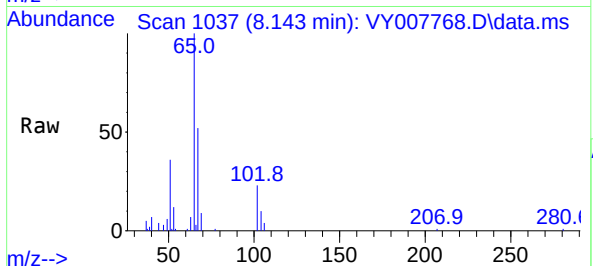
DUM-22

Tgt Ion: 65 Resp: 10829

Ion Ratio Lower Upper

65 100

67 52.4 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: VY007768.D

Acq: 07 Mar 2022 19:51

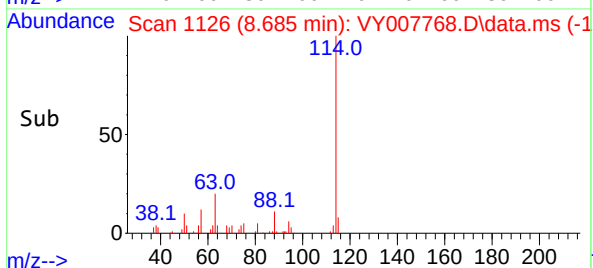
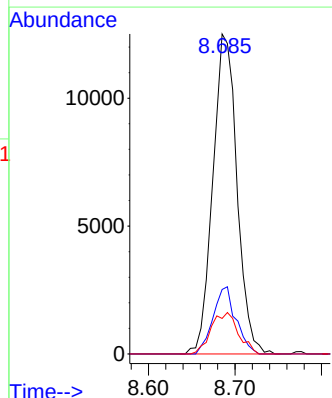
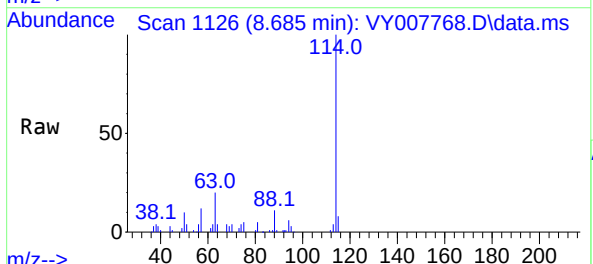
Tgt Ion: 114 Resp: 24203

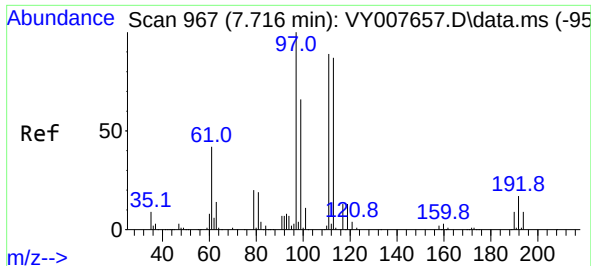
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 11.1 0.0 31.8

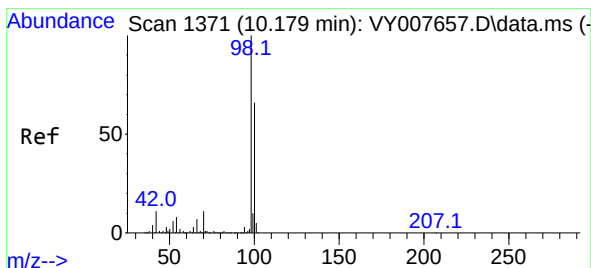
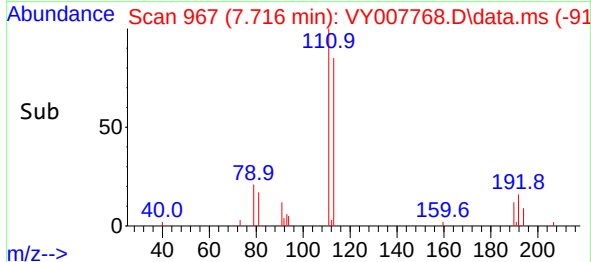
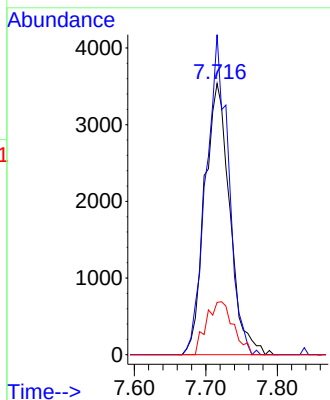
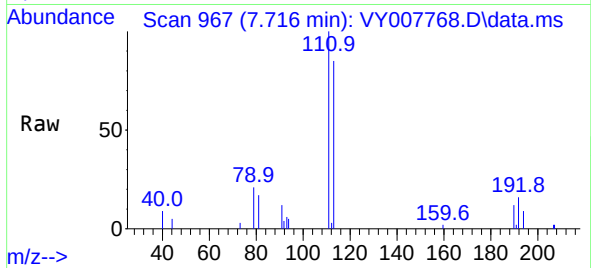




#35
Dibromofluoromethane
Concen: 55.895 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007768.D
Acq: 07 Mar 2022 19:51

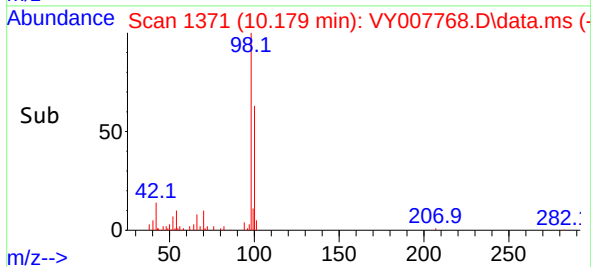
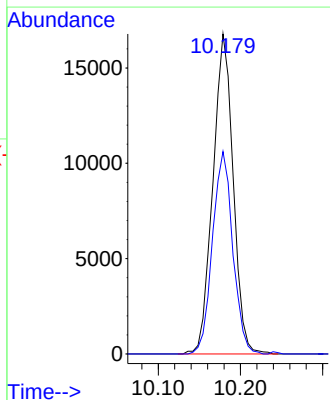
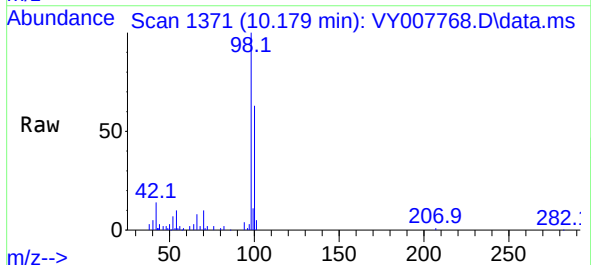
Instrument :
MSVOA_Y
ClientSampleId :
DUM-22

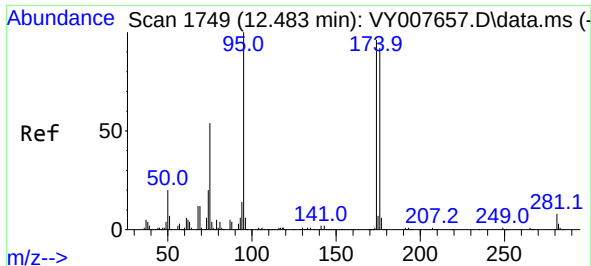
Tgt Ion:113 Resp: 8649
Ion Ratio Lower Upper
113 100
111 105.4 82.6 124.0
192 20.9 17.6 26.4



#50
Toluene-d8
Concen: 50.473 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007768.D
Acq: 07 Mar 2022 19:51

Tgt Ion: 98 Resp: 28749
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

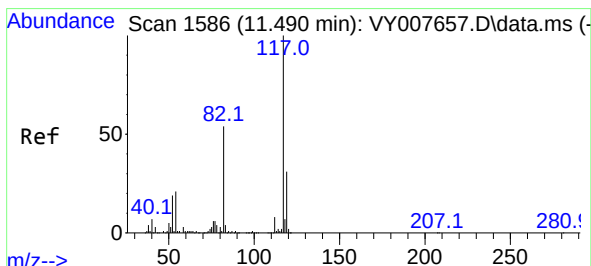
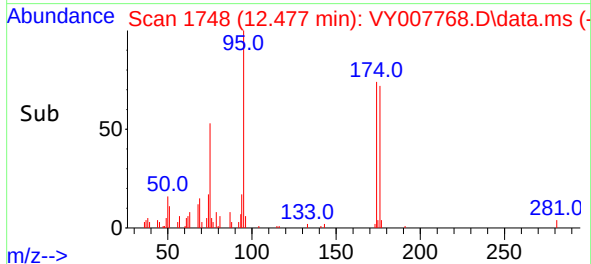
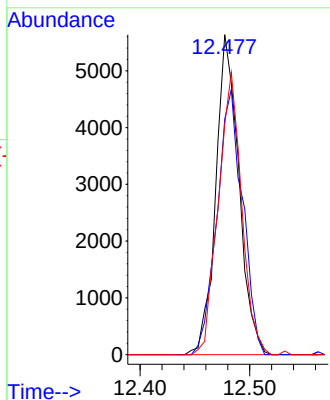
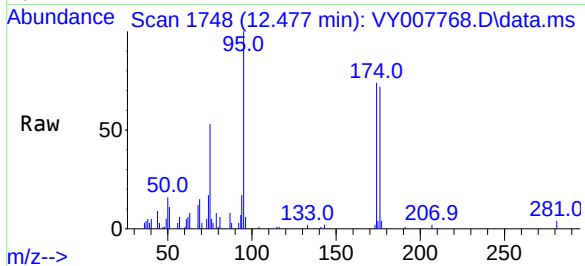




#62
4-Bromofluorobenzene
Concen: 44.922 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007768.D
Acq: 07 Mar 2022 19:51

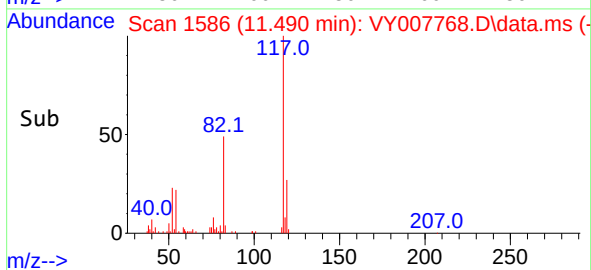
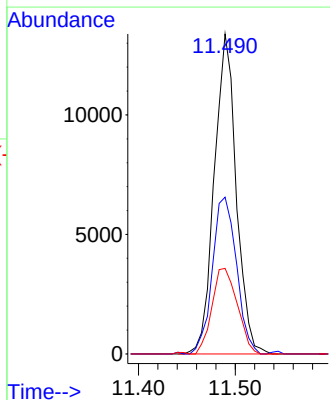
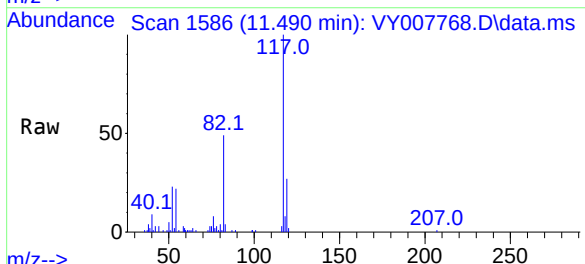
Instrument :
MSVOA_Y
ClientSampleId :
DUM-22

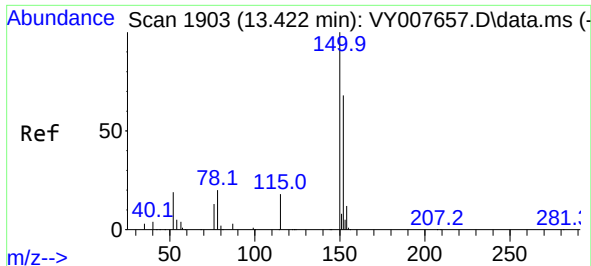
Tgt Ion: 95 Resp: 8248
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 89.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007768.D
Acq: 07 Mar 2022 19:51

Tgt Ion: 117 Resp: 21105
Ion Ratio Lower Upper
117 100
82 48.4 43.0 64.4
119 26.7 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: VY007768.D
 Acq: 07 Mar 2022 19:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-22

Tgt Ion:	152	Resp:	8341
Ion	Ratio	Lower	Upper
152	100		
115	62.8	28.2	84.7
150	156.3	0.0	347.6

