

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010927.D
 Acq On : 11 Oct 2022 18:59
 Operator : KP/MD
 Sample : N5102-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-101122

Quant Time: Oct 12 04:47:31 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)

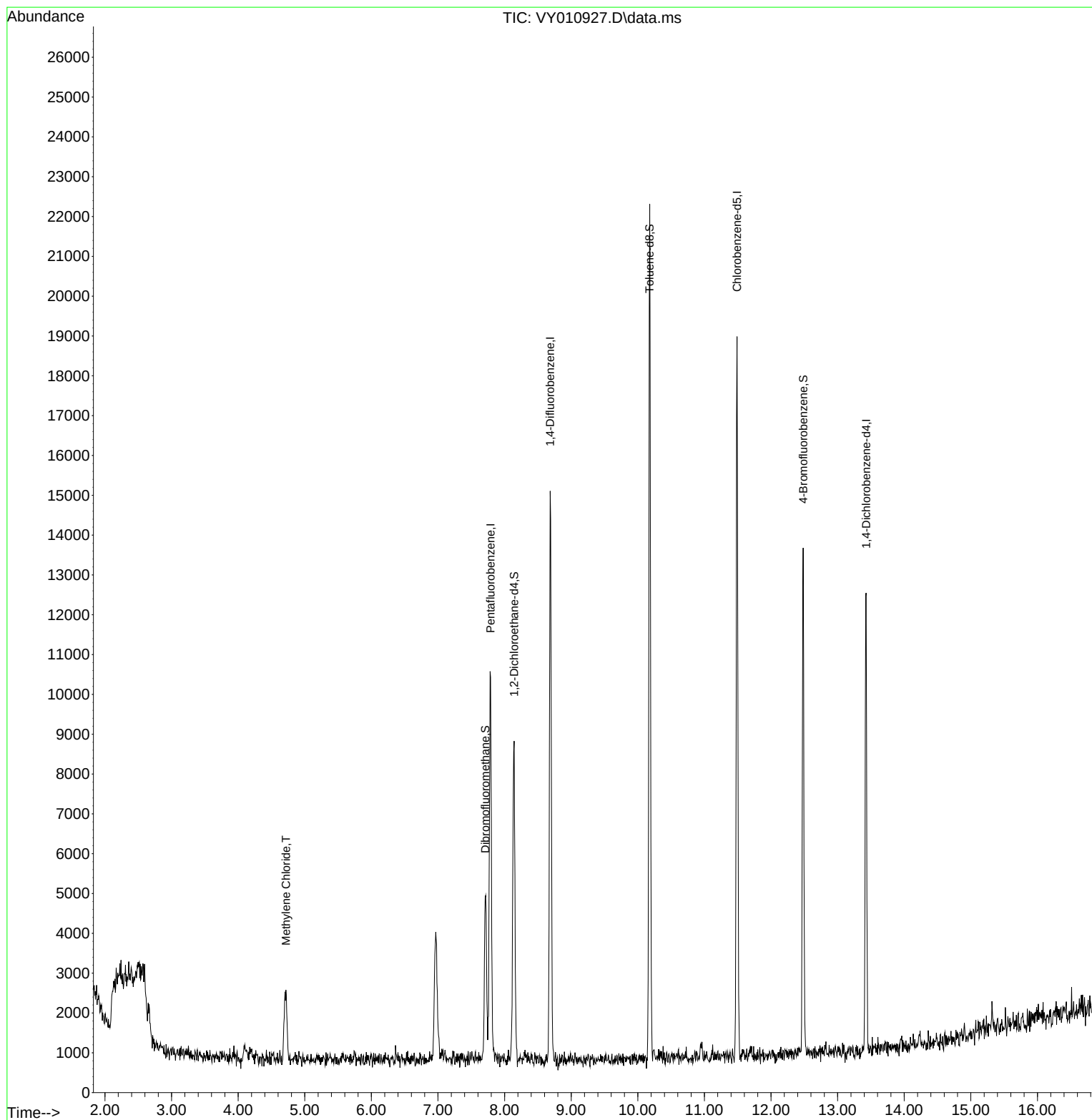
Internal Standards						
1) Pentafluorobenzene	7.789	168	7910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10672	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6367	79.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.820%	
35) Dibromofluoromethane	7.710	113	3031	36.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 72.520%	
50) Toluene-d8	10.179	98	14890	52.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.483	95	3937	34.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 68.160%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	1495	12.878	ug/l	# 78

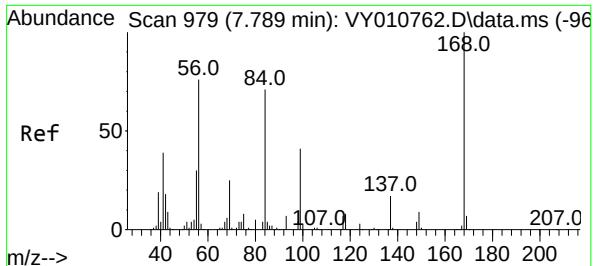
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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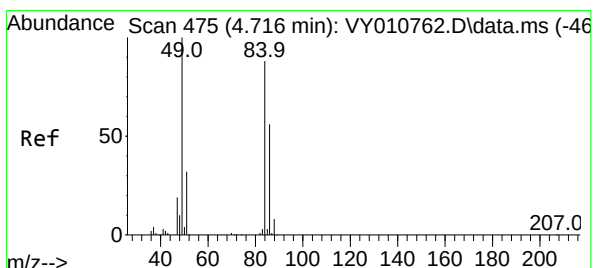
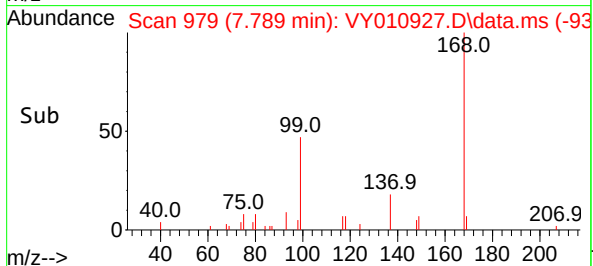
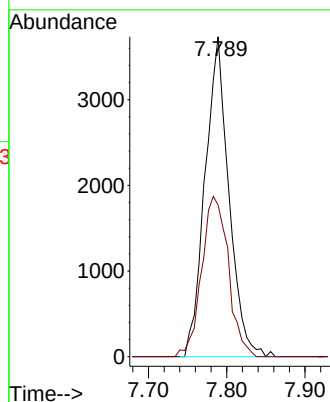
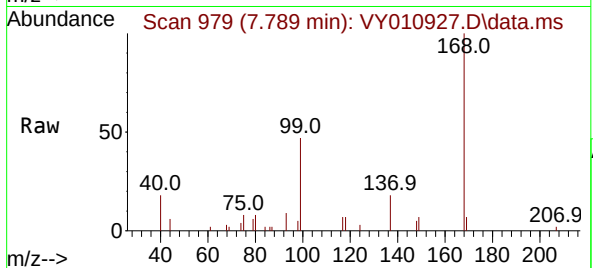




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010927.D
Acq: 11 Oct 2022 18:59

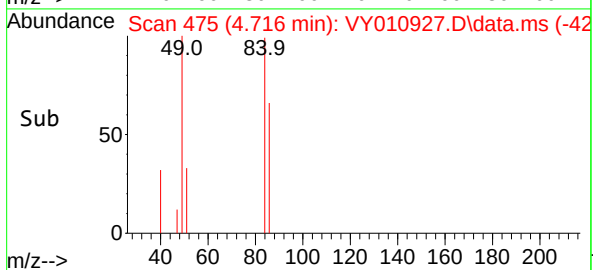
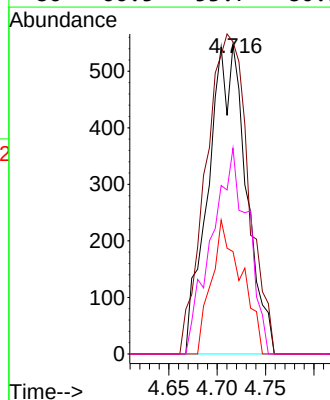
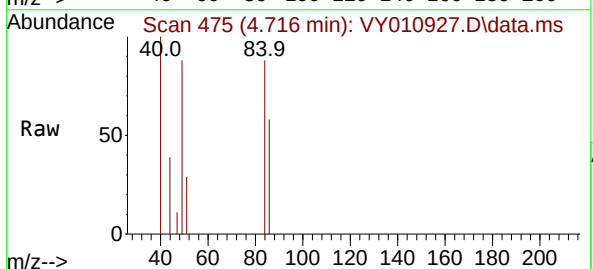
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-101122

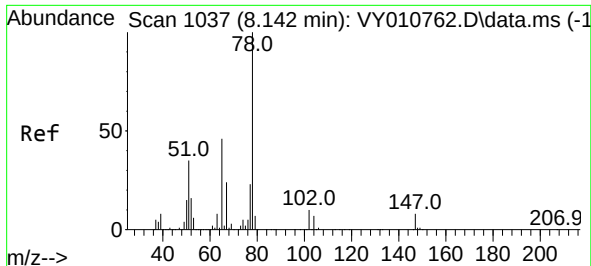
Tgt Ion:168 Resp: 7910
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#20
Methylene Chloride
Concen: 12.878 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY010927.D
Acq: 11 Oct 2022 18:59

Tgt Ion: 84 Resp: 1495
Ion Ratio Lower Upper
84 100
49 100.9 114.4 171.6#
51 33.1 35.3 52.9#
86 66.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 79.411 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010927.D

Acq: 11 Oct 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

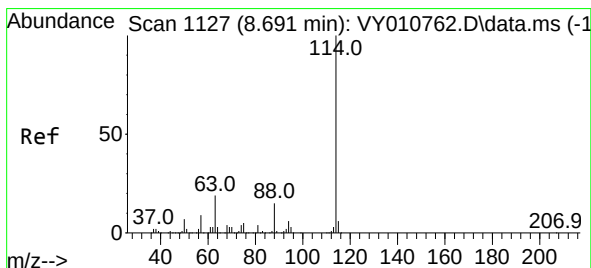
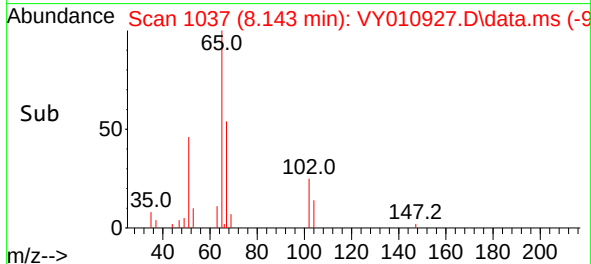
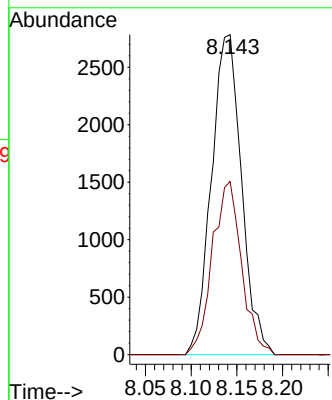
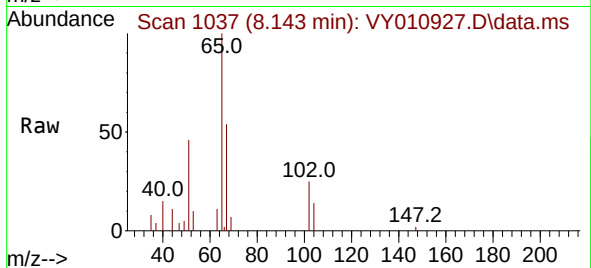
CL-1-101122

Tgt Ion: 65 Resp: 6367

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: VY010927.D

Acq: 11 Oct 2022 18:59

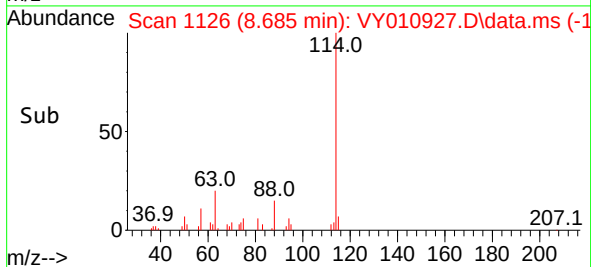
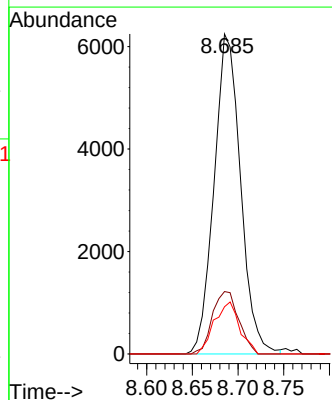
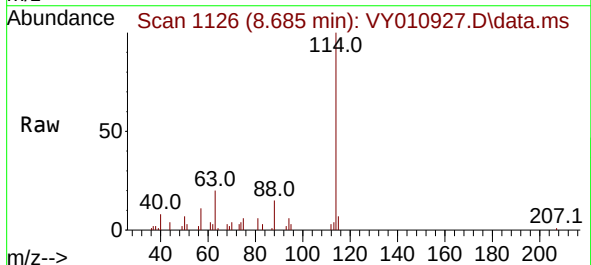
Tgt Ion: 114 Resp: 12593

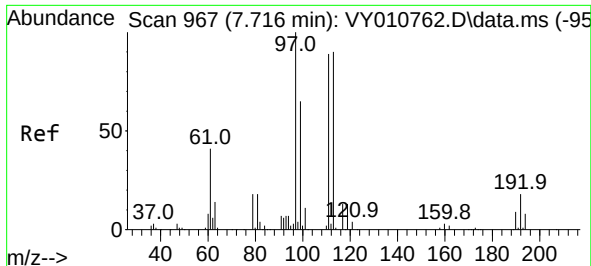
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.8 0.0 31.8

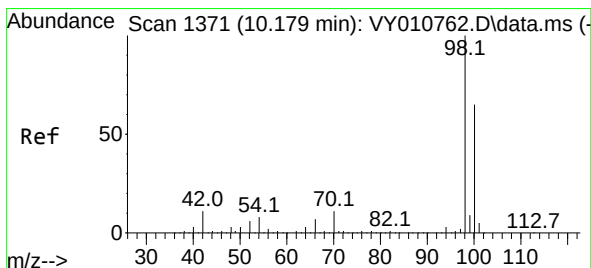
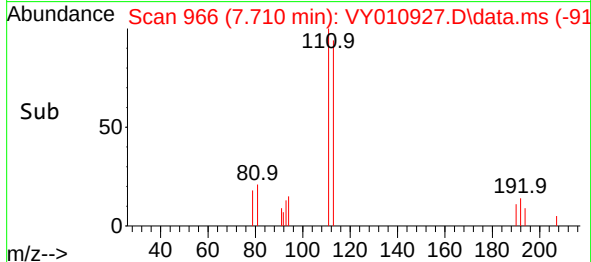
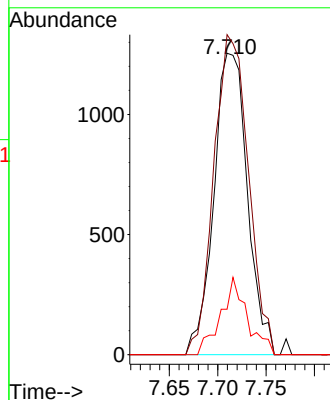
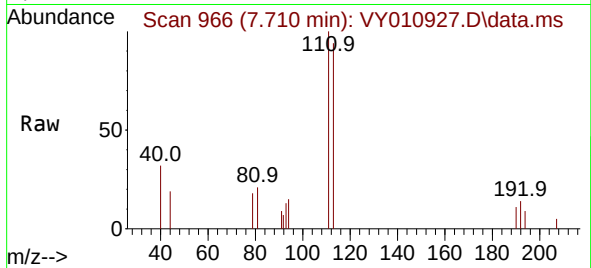




#35
Dibromofluoromethane
Concen: 36.259 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010927.D
Acq: 11 Oct 2022 18:59

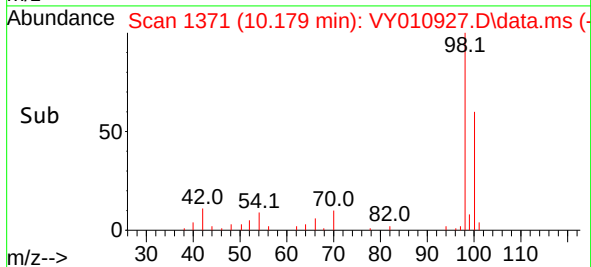
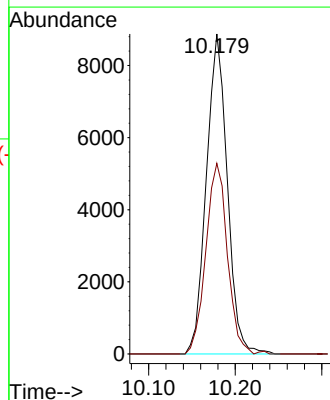
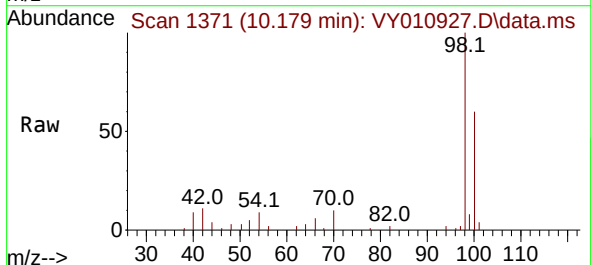
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-101122

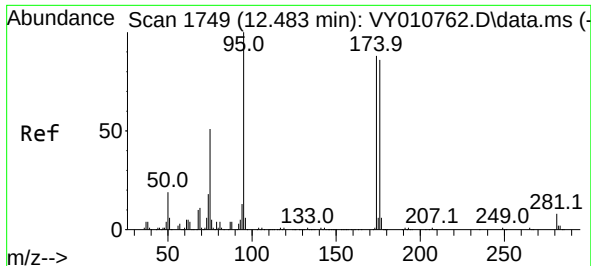
Tgt Ion:113 Resp: 3031
Ion Ratio Lower Upper
113 100
111 109.1 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 52.085 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010927.D
Acq: 11 Oct 2022 18:59

Tgt Ion: 98 Resp: 14890
Ion Ratio Lower Upper
98 100
100 61.5 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 34.078 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010927.D

Acq: 11 Oct 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

CL-1-101122

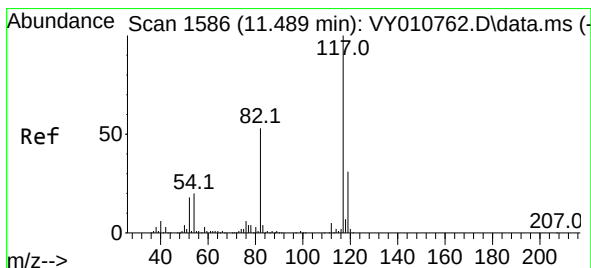
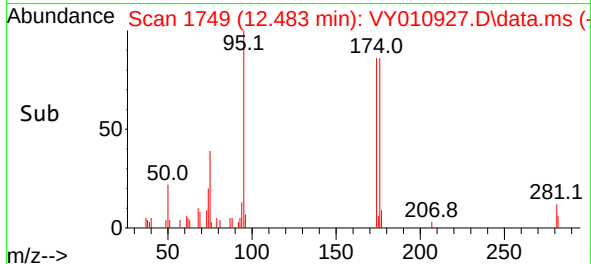
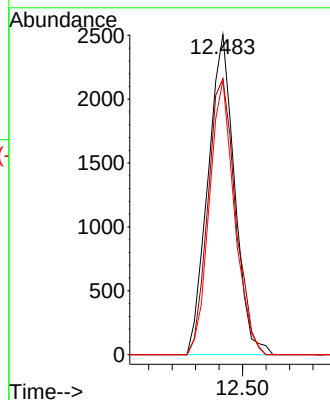
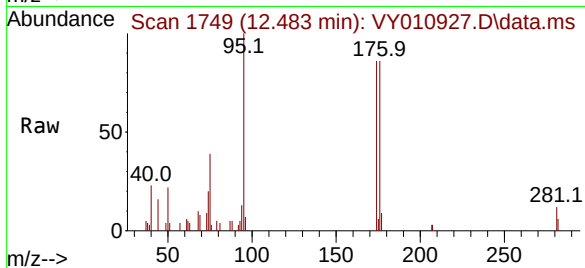
Tgt Ion: 95 Resp: 3937

Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.0

176 81.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010927.D

Acq: 11 Oct 2022 18:59

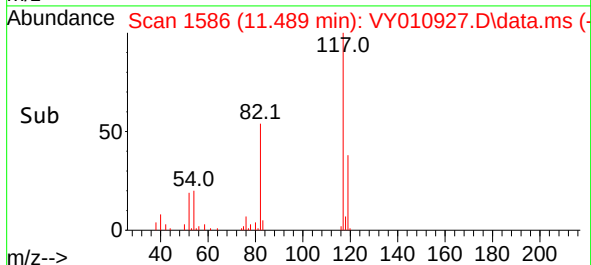
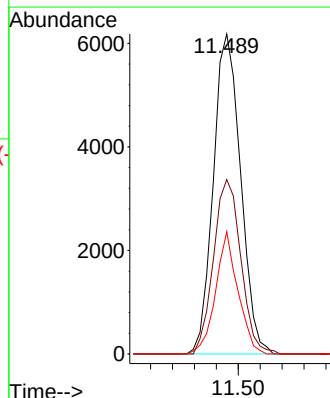
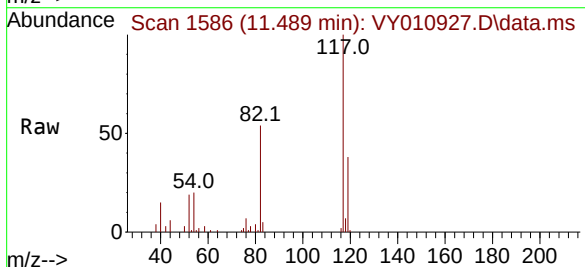
Tgt Ion: 117 Resp: 10672

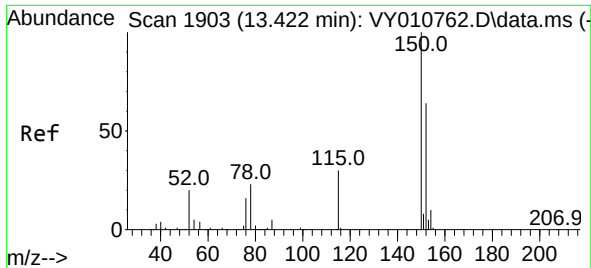
Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.4

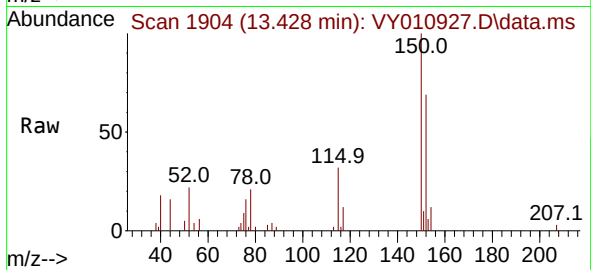
119 38.2 25.4 38.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010927.D
 Acq: 11 Oct 2022 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-101122



Tgt Ion:	152	Resp:	3491
Ion Ratio	Lower	Upper	
152	100		
115	52.0	28.2	84.7
150	155.0	0.0	347.6

