

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008109.D
 Acq On : 30 Mar 2022 14:31
 Operator : SY/MD
 Sample : N2155-01
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-A

Quant Time: Mar 31 04:32:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

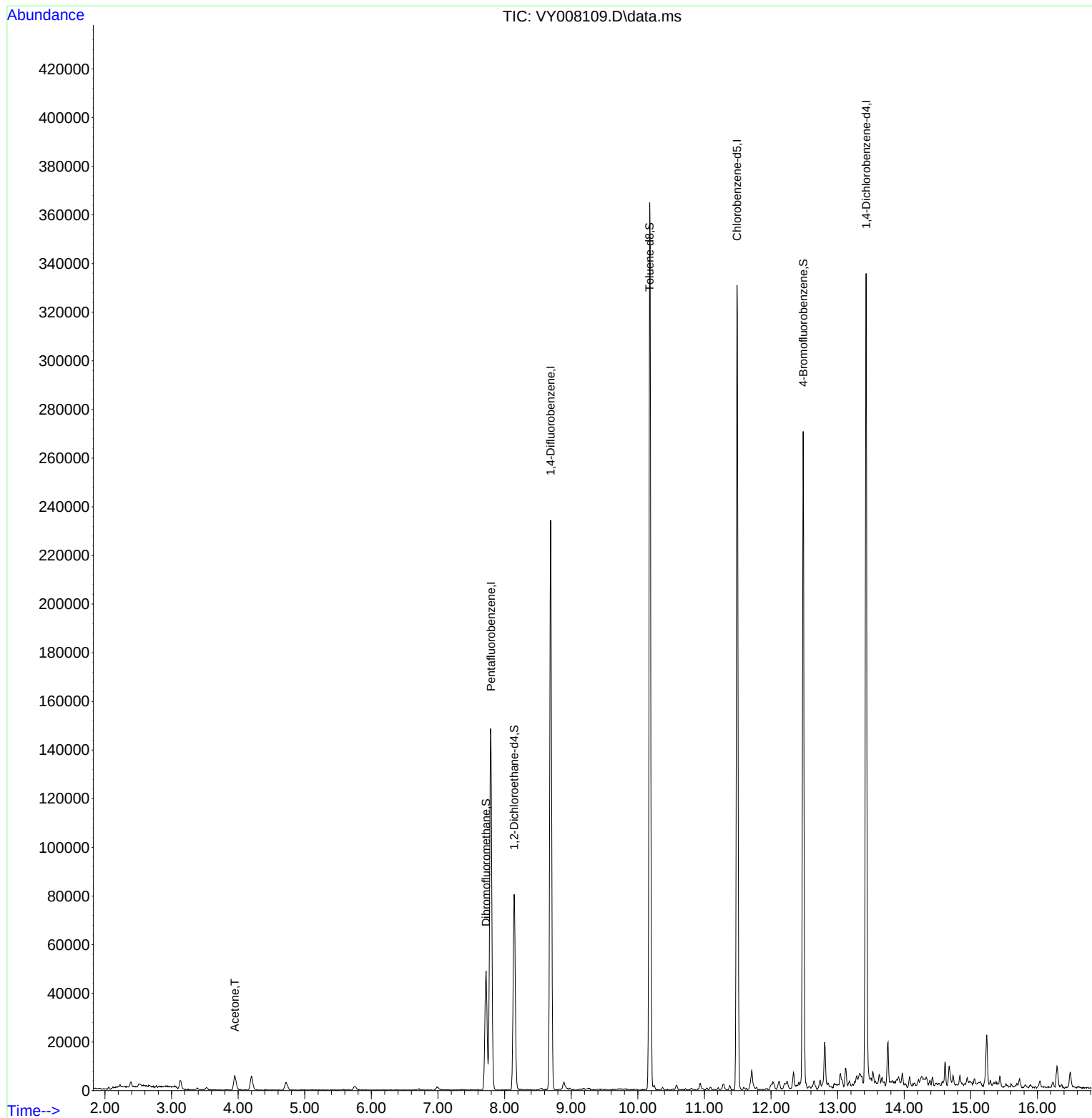
Internal Standards						
1) Pentafluorobenzene	7.795	168	117397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63234	53.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.380%	
35) Dibromofluoromethane	7.722	113	34717	26.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 53.160%#	
50) Toluene-d8	10.179	98	246192	50.038	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.483	95	84528	48.697	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.400%	
Target Compounds						
16) Acetone	3.948	43	10253	38.084	ug/l	Qvalue # 84

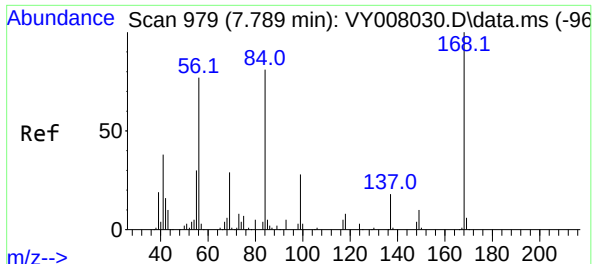
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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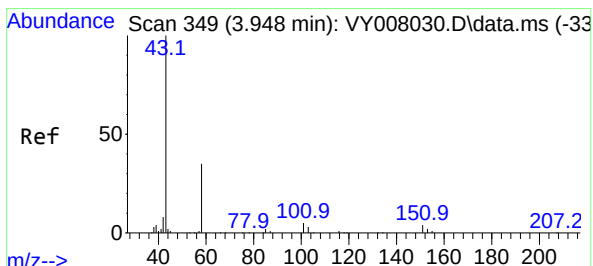
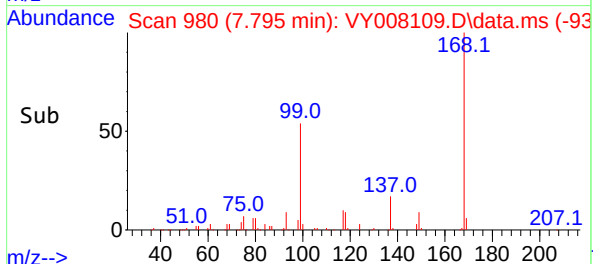
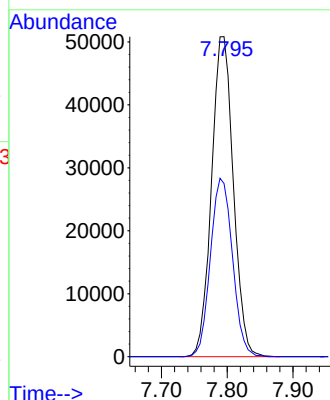
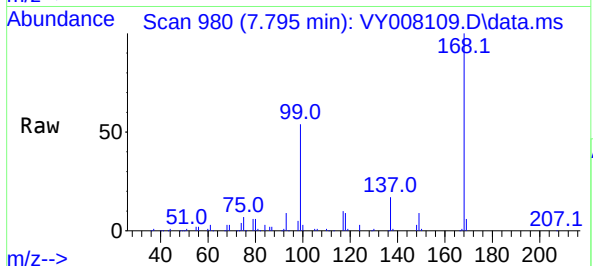




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008109.D
Acq: 30 Mar 2022 14:31

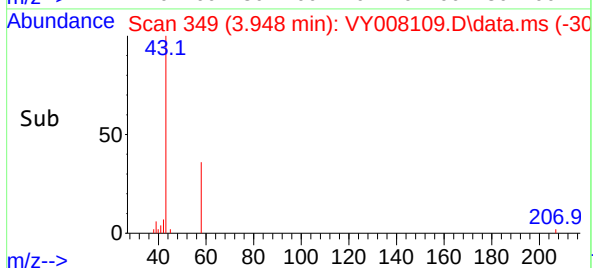
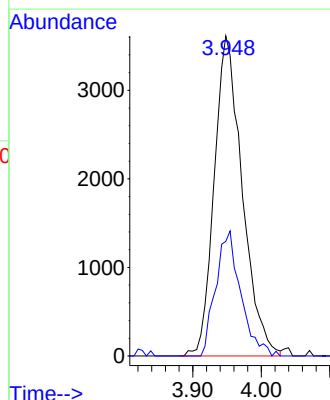
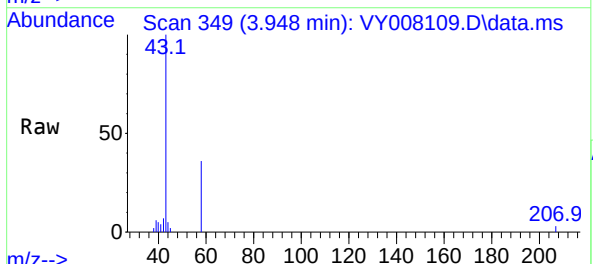
Instrument :
MSVOA_Y
ClientSampleId :
22L076-A

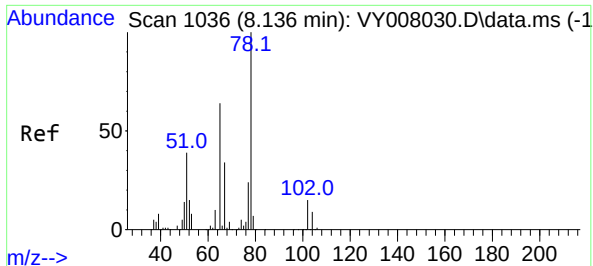
Tgt Ion:168 Resp: 117397
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 38.084 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008109.D
Acq: 30 Mar 2022 14:31

Tgt Ion: 43 Resp: 10253
Ion Ratio Lower Upper
43 100
58 35.8 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 53.686 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008109.D

Acq: 30 Mar 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

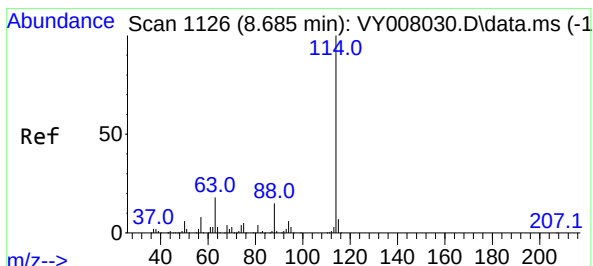
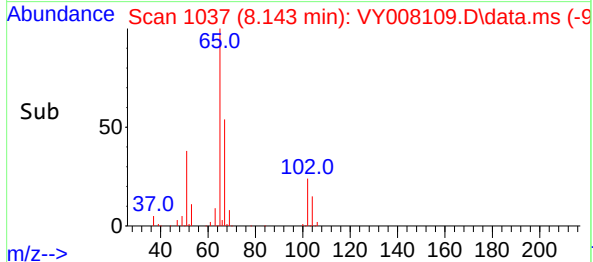
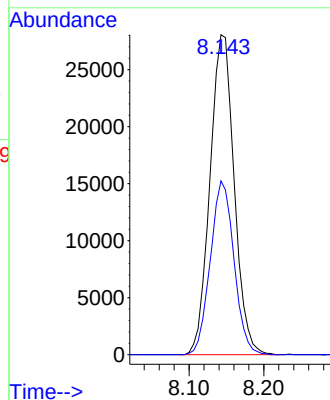
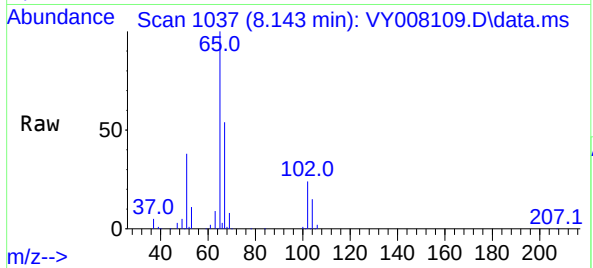
22L076-A

Tgt Ion: 65 Resp: 63234

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008109.D

Acq: 30 Mar 2022 14:31

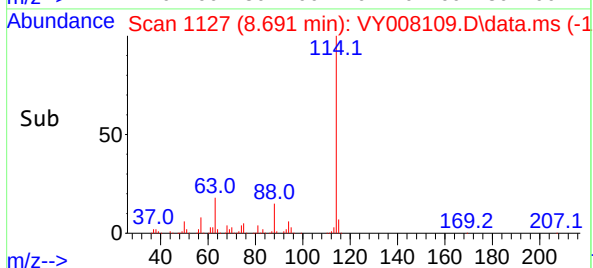
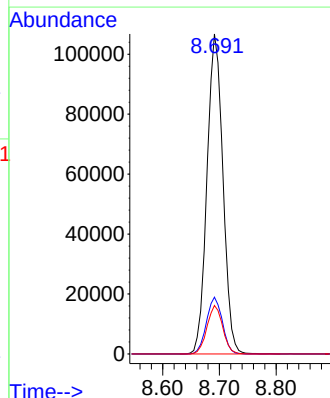
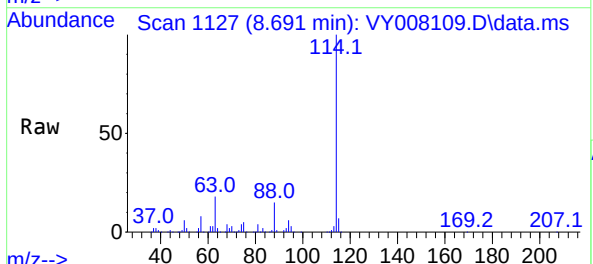
Tgt Ion: 114 Resp: 208289

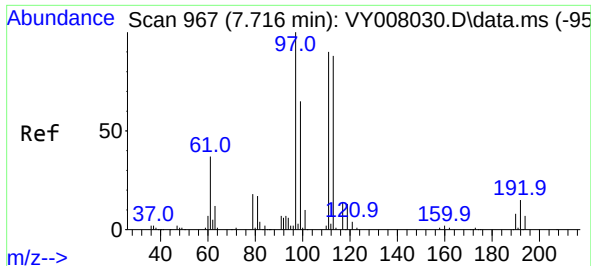
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 15.2 0.0 31.8

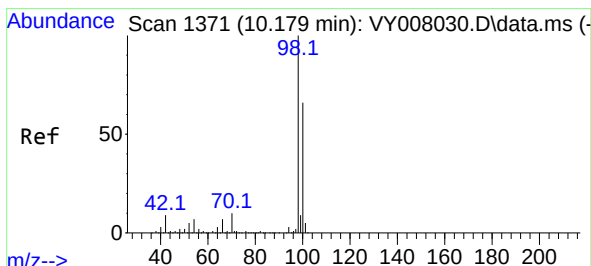
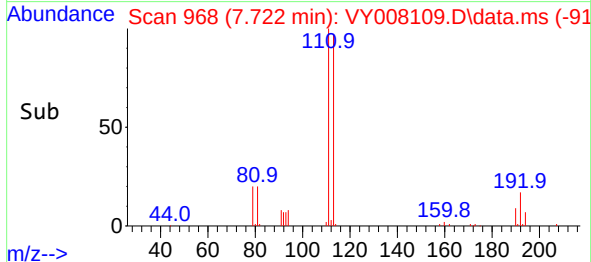
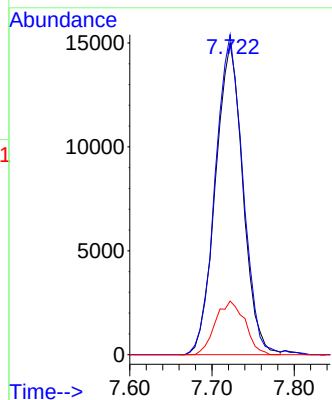
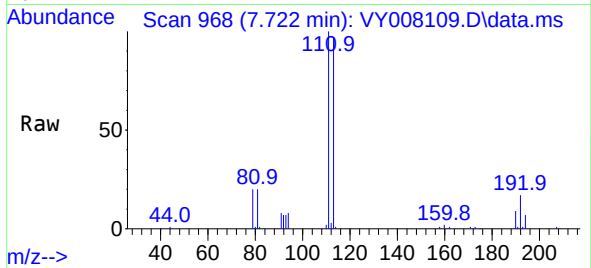




#35
Dibromofluoromethane
Concen: 26.584 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008109.D
Acq: 30 Mar 2022 14:31

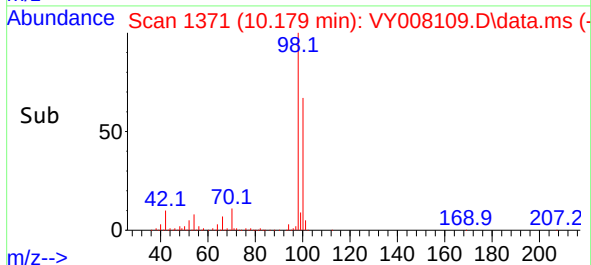
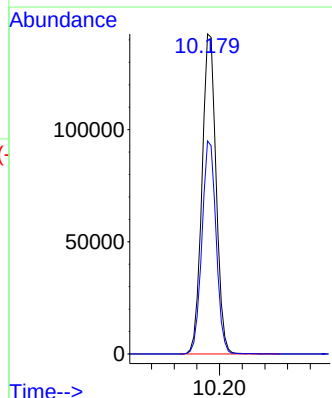
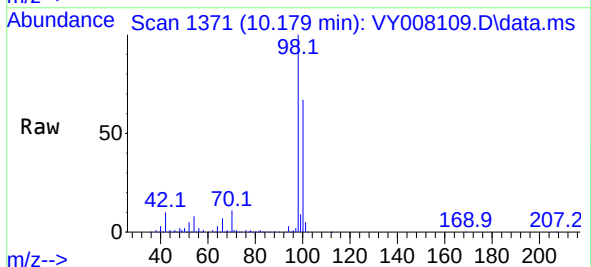
Instrument :
MSVOA_Y
ClientSampleId :
22L076-A

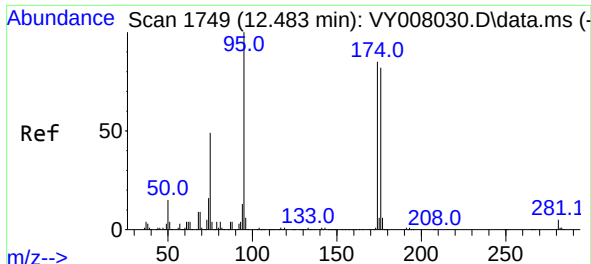
Tgt Ion:113 Resp: 34717
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.6 17.6 26.4



#50
Toluene-d8
Concen: 50.038 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008109.D
Acq: 30 Mar 2022 14:31

Tgt Ion: 98 Resp: 246192
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2

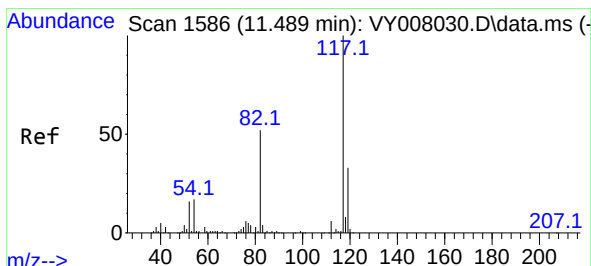
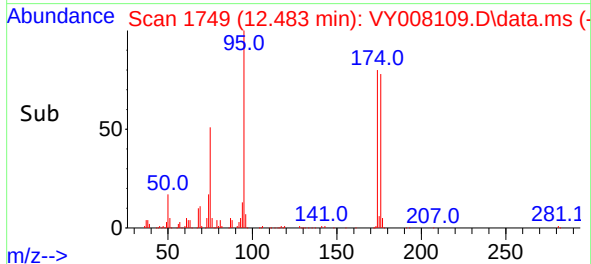
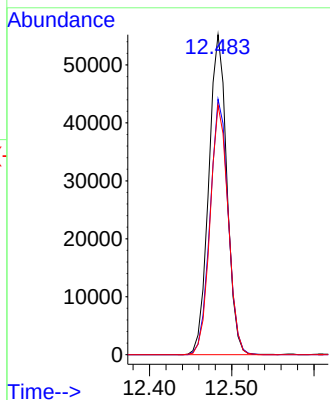
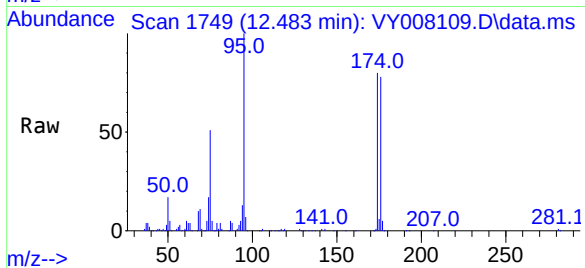




#62
4-Bromofluorobenzene
Concen: 48.697 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008109.D
Acq: 30 Mar 2022 14:31

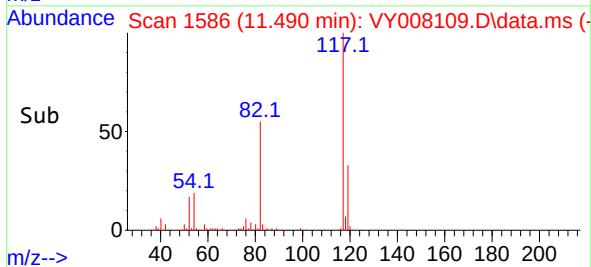
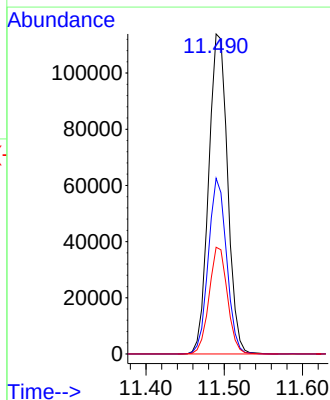
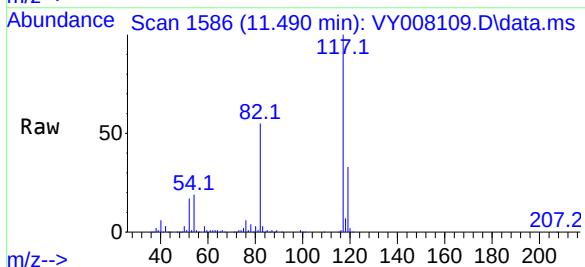
Instrument :
MSVOA_Y
ClientSampleId :
22L076-A

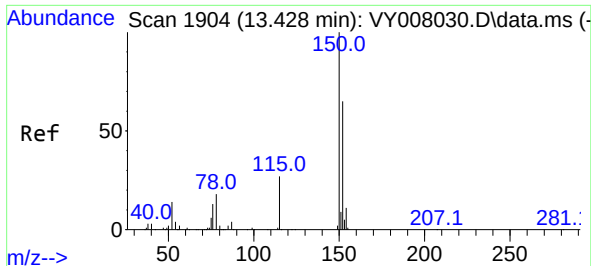
Tgt Ion: 95 Resp: 84528
Ion Ratio Lower Upper
95 100
174 79.5 0.0 177.0
176 77.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008109.D
Acq: 30 Mar 2022 14:31

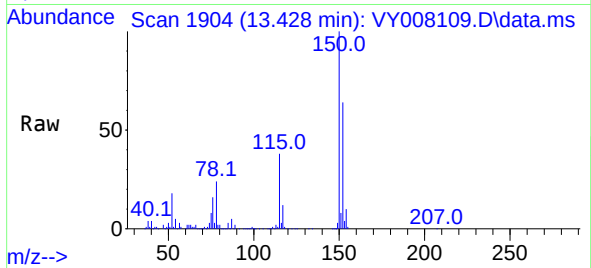
Tgt Ion: 117 Resp: 191079
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 33.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008109.D
 Acq: 30 Mar 2022 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-A



Tgt Ion:	152	Resp:	84263
Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.7
150	157.3	0.0	347.6

