

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010175.D
 Acq On : 23 Aug 2022 19:08
 Operator : KP/MD
 Sample : N4275-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-081922

Quant Time: Aug 24 04:34:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

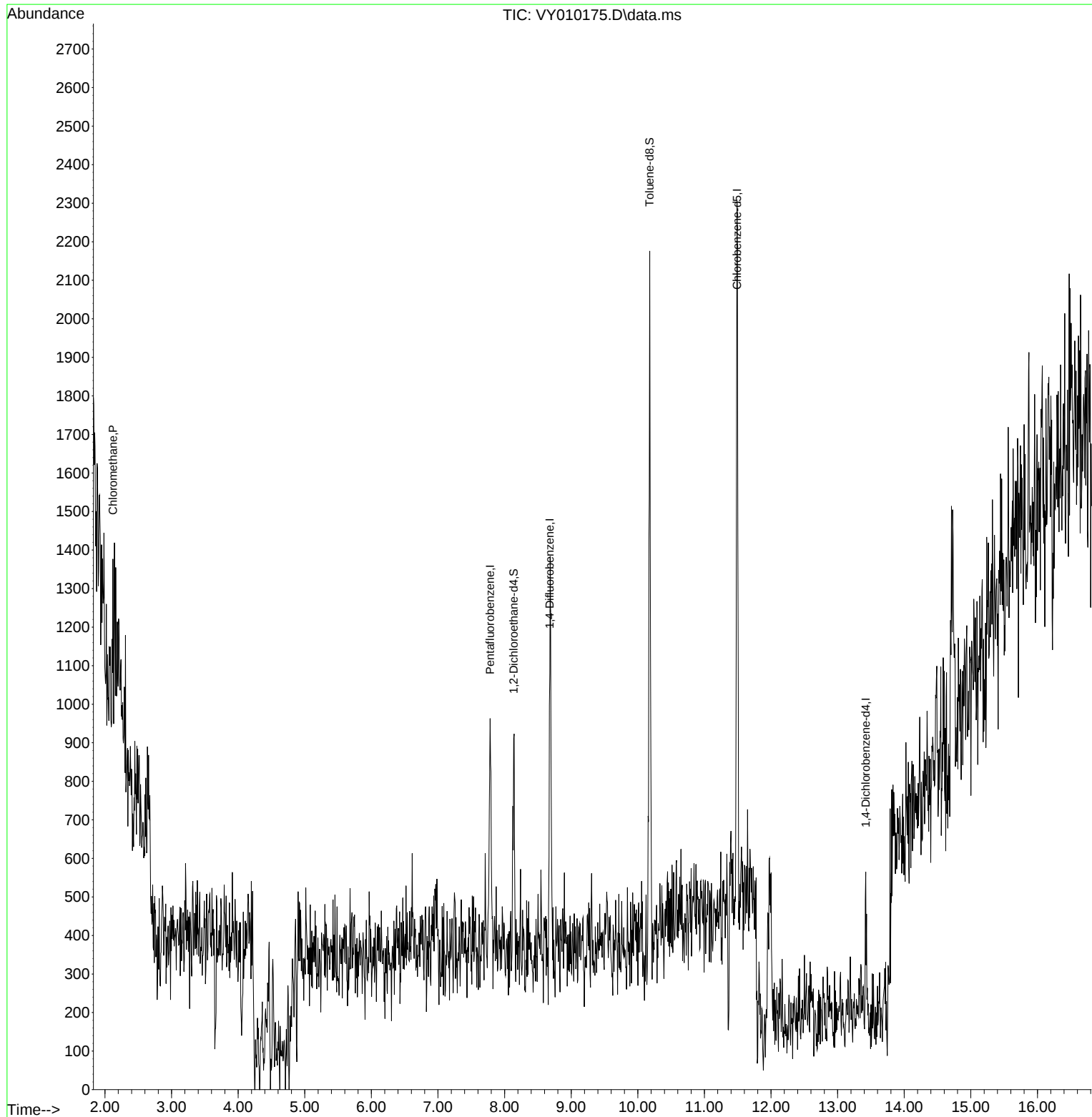
Internal Standards						
1) Pentafluorobenzene	7.783	168	683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	1258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1156	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	473	84.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.100%#	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.179	98	1256	47.286	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.580%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 0.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	33	5.762	ug/l	# 43

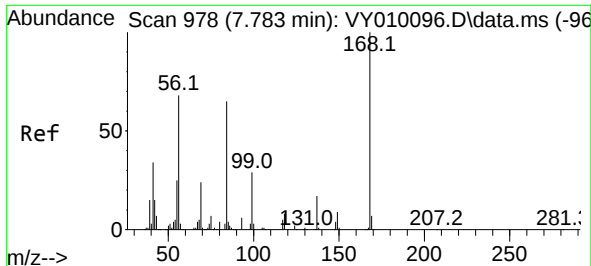
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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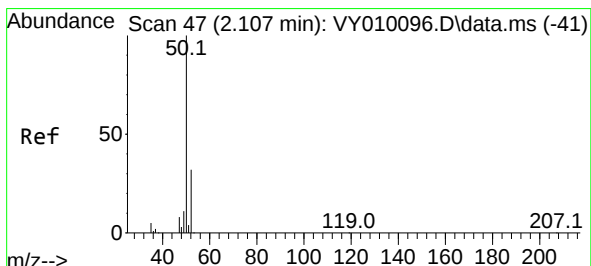
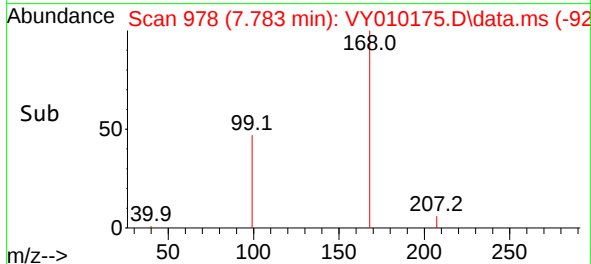
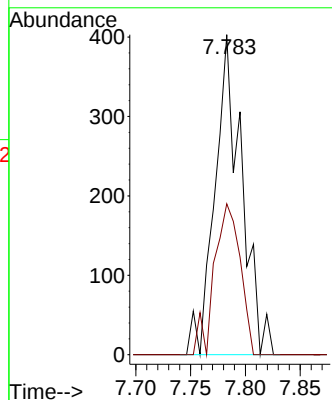
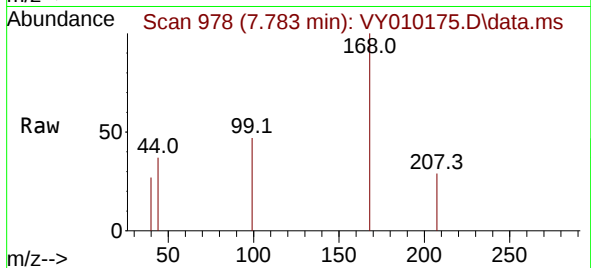




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010175.D
Acq: 23 Aug 2022 19:08

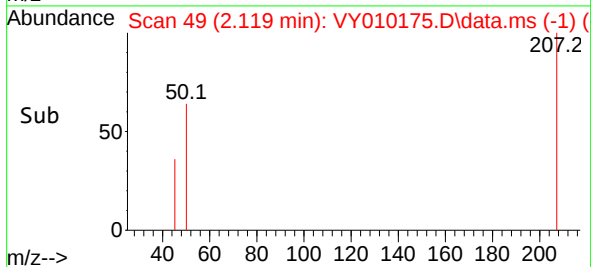
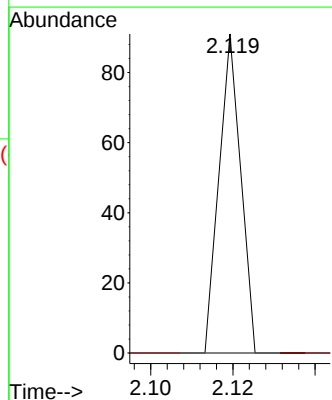
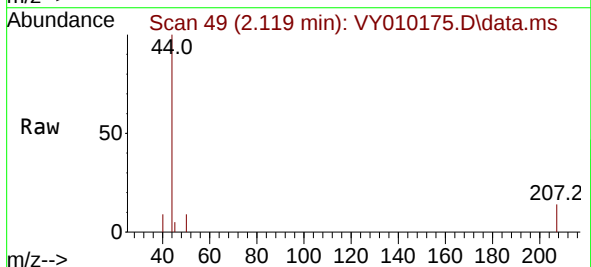
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-081922

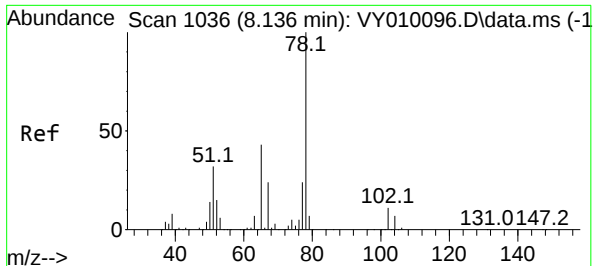
Tgt Ion:168 Resp: 683
Ion Ratio Lower Upper
168 100
99 47.1 40.7 61.1



#3
Chloromethane
Concen: 5.762 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY010175.D
Acq: 23 Aug 2022 19:08

Tgt Ion: 50 Resp: 33
Ion Ratio Lower Upper
50 100
52 0.0 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 84.549 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010175.D

Acq: 23 Aug 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

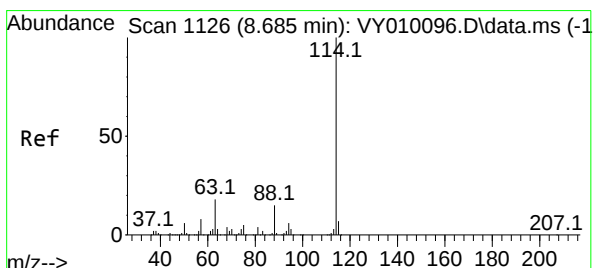
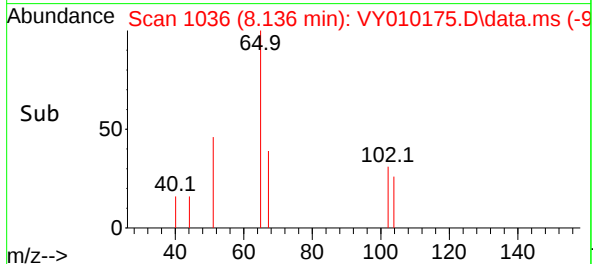
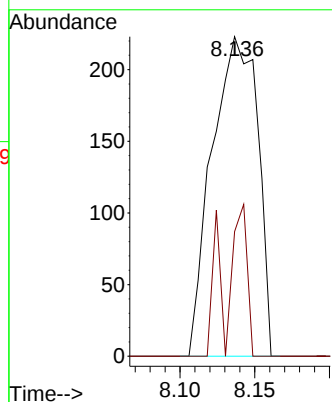
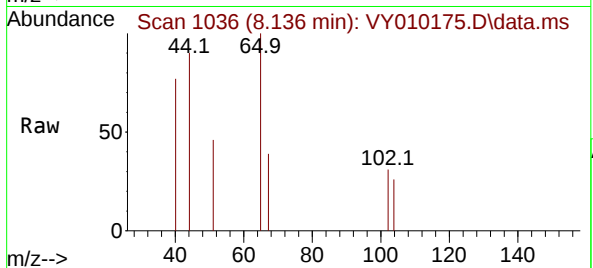
OR-03-081922

Tgt Ion: 65 Resp: 473

Ion Ratio Lower Upper

65 100

67 22.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY010175.D

Acq: 23 Aug 2022 19:08

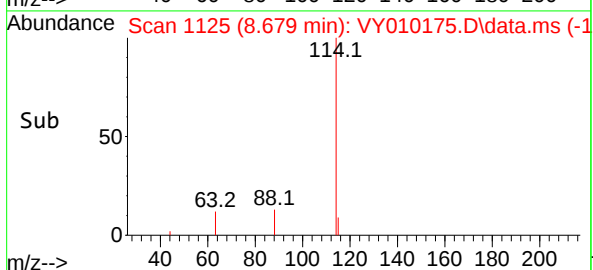
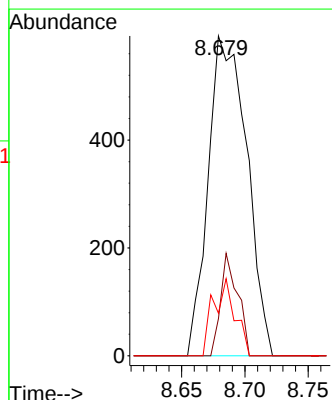
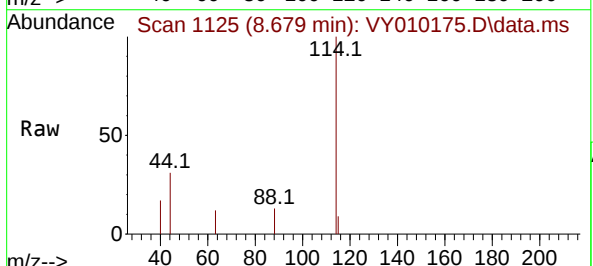
Tgt Ion: 114 Resp: 1258

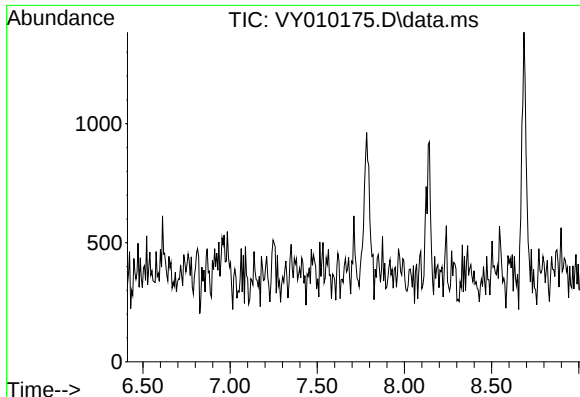
Ion Ratio Lower Upper

114 100

63 11.6 0.0 35.6

88 13.3 0.0 29.6



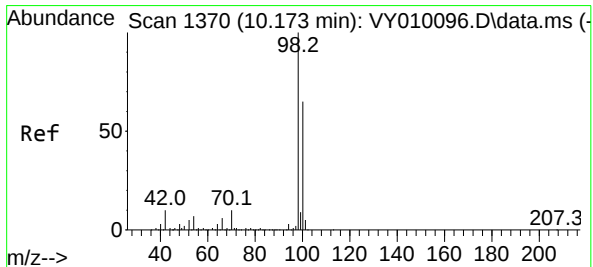
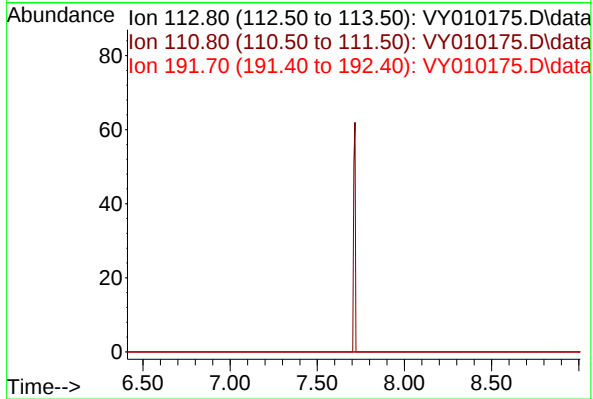


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.71 min
 Lab File: VY010175.D
 Acq: 23 Aug 2022 19:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-081922

Tgt Ion: 113

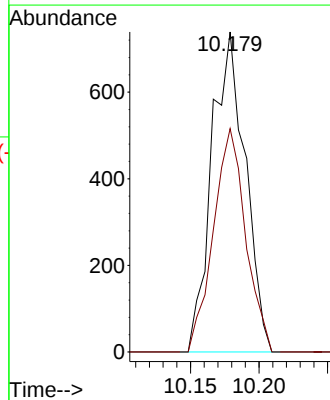
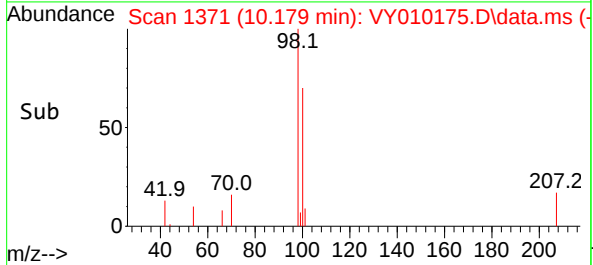
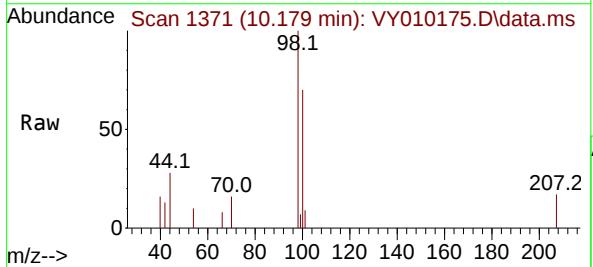
Sig	Exp Ratio
113	100
111	103.5
192	20.4

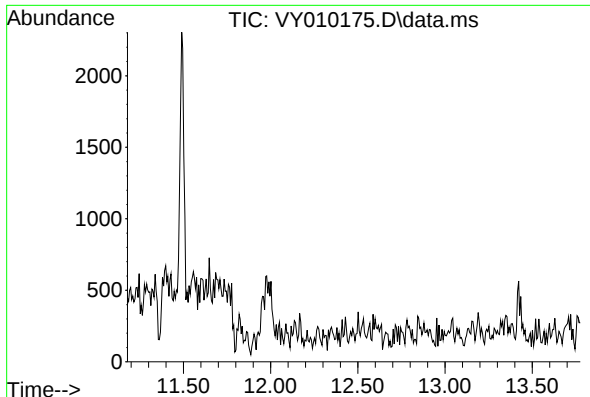


#50
 Toluene-d8
 Concen: 47.286 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY010175.D
 Acq: 23 Aug 2022 19:08

Tgt Ion: 98 Resp: 1256

Ion	Ratio	Lower	Upper
98	100		
100	67.3	51.9	77.9



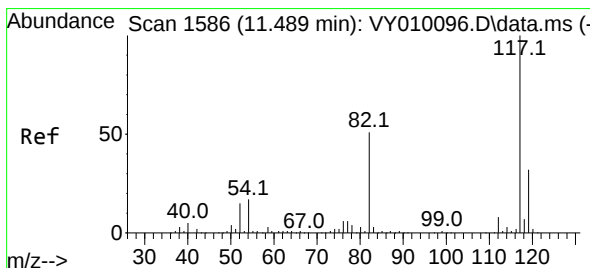
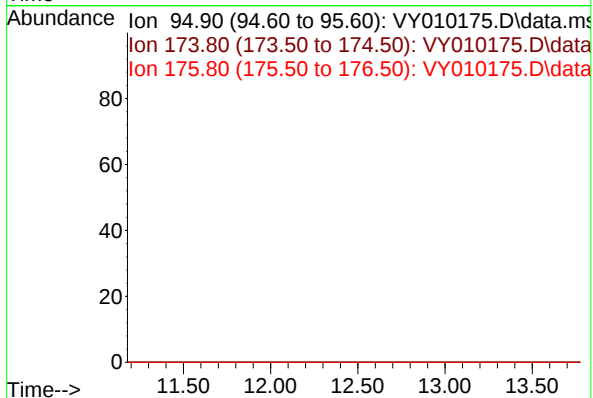


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY010175.D
 Acq: 23 Aug 2022 19:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-081922

Tgt Ion: 95

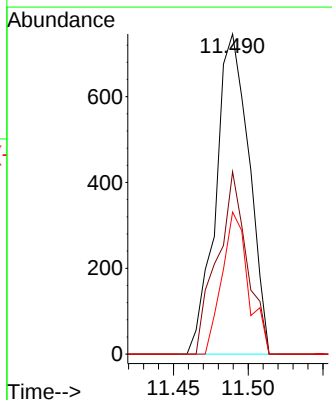
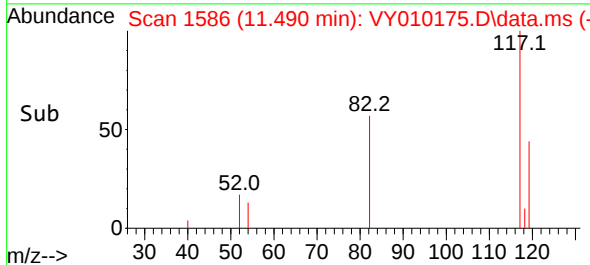
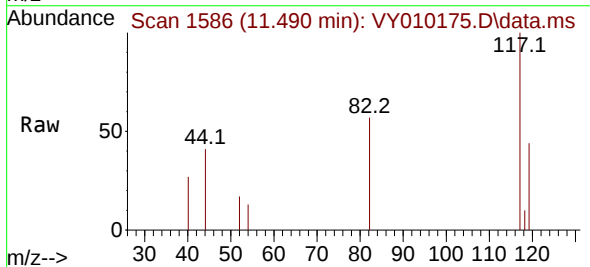
Sig	Exp Ratio
95	100
174	86.9
176	83.6

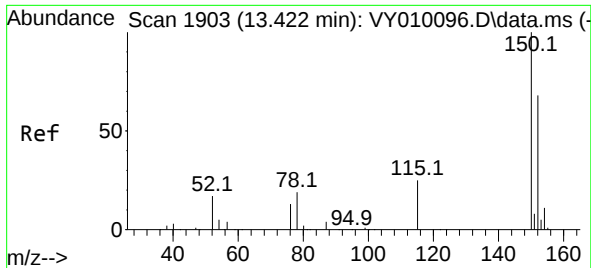


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: VY010175.D
 Acq: 23 Aug 2022 19:08

Tgt Ion: 117 Resp: 1156

Ion	Ratio	Lower	Upper
117	100		
82	57.0	40.6	61.0
119	44.4	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010175.D

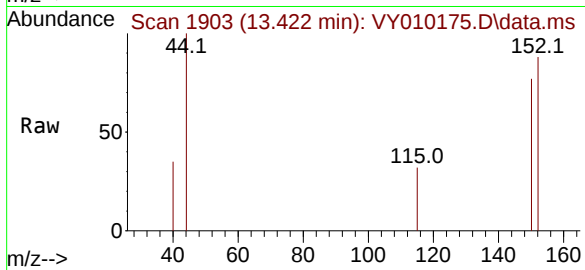
Acq: 23 Aug 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-081922



Tgt Ion:152 Resp: 138

Ion Ratio Lower Upper

152 100

115 28.3 28.1 84.2

150 176.8 0.0 346.2

