

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007534.D
 Acq On : 17 Feb 2022 19:45
 Operator : SY/MD
 Sample : N1580-09
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-9

Quant Time: Feb 18 07:43:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

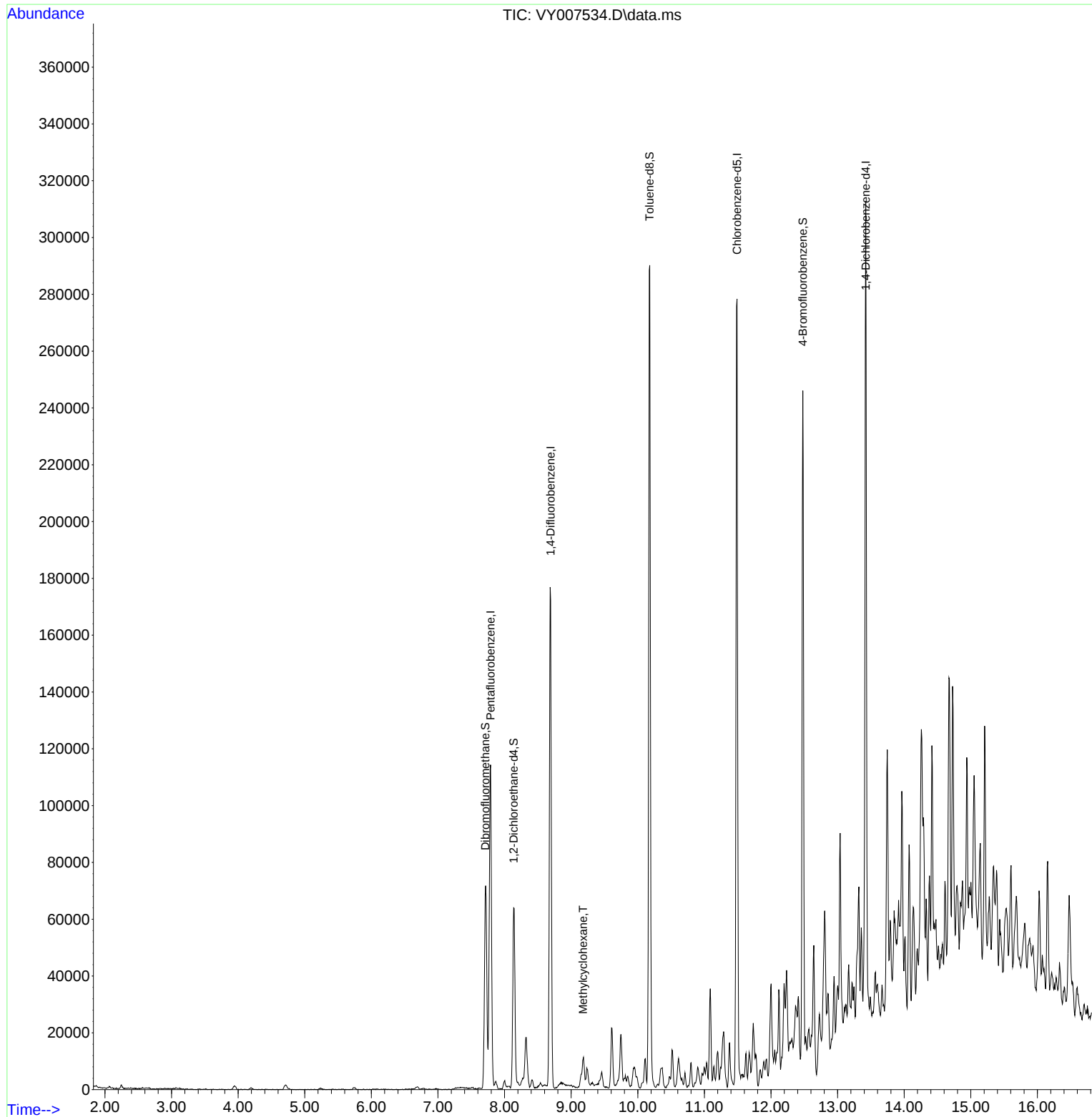
Internal Standards						
1) Pentafluorobenzene	7.789	168	86925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	155285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50379	52.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.980%	
35) Dibromofluoromethane	7.710	113	50839	51.712	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.179	98	188971	50.608	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	12.477	95	71703	56.632	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.260%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.179	83	4090	1.978	ug/l	# 75

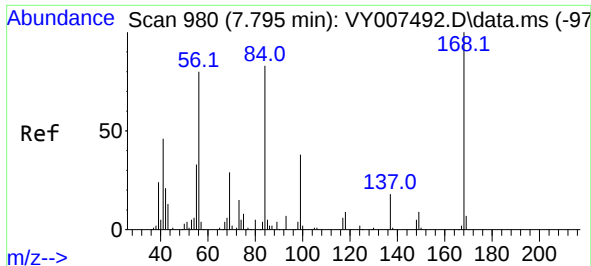
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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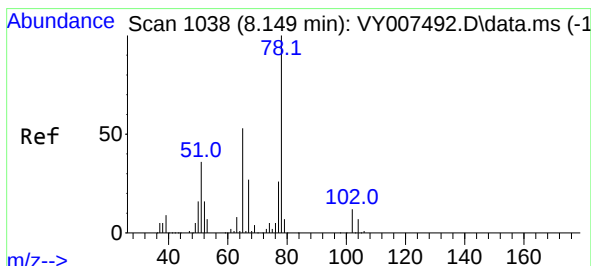
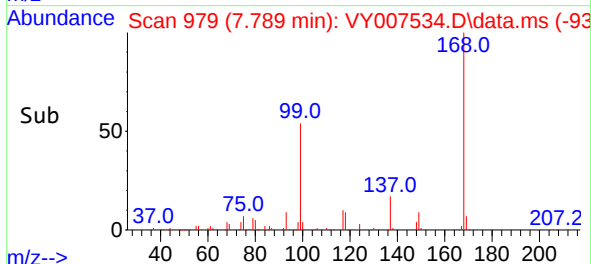
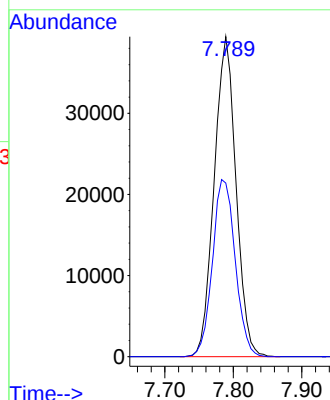
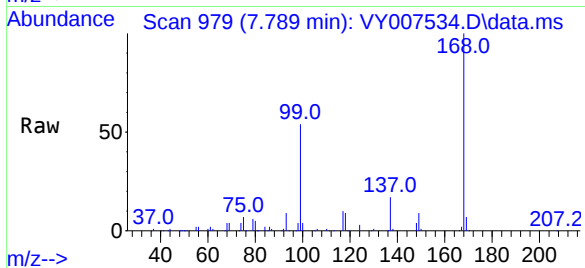




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007534.D
Acq: 17 Feb 2022 19:45

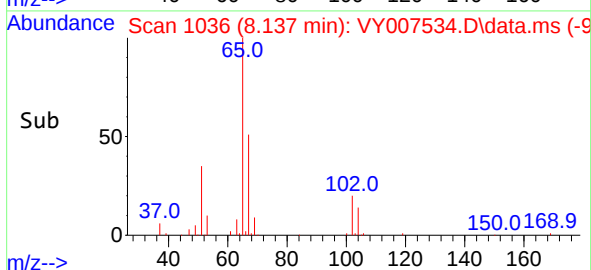
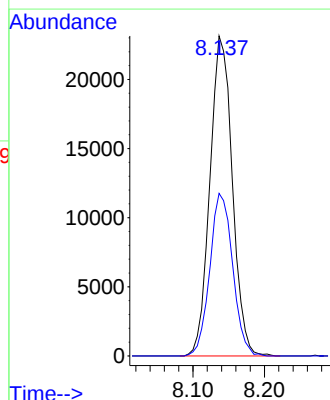
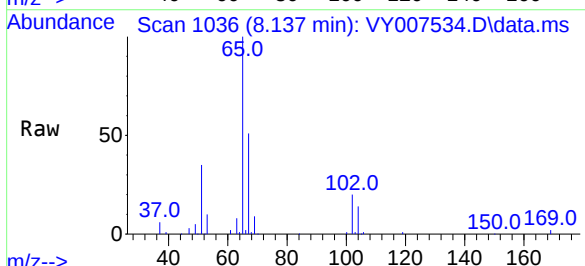
Instrument :
MSVOA_Y
ClientSampleId :
D-9

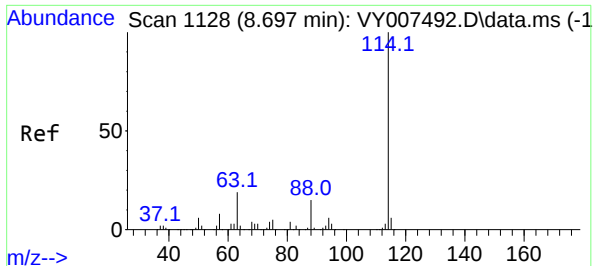
Tgt Ion:168 Resp: 86925
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.495 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007534.D
Acq: 17 Feb 2022 19:45

Tgt Ion: 65 Resp: 50379
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007534.D

Acq: 17 Feb 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

D-9

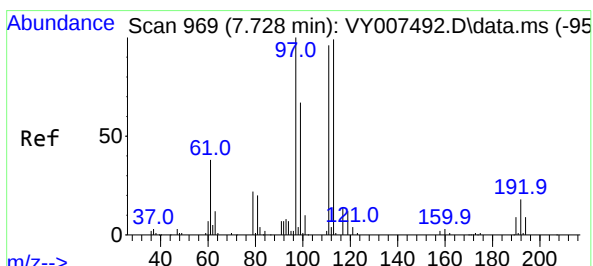
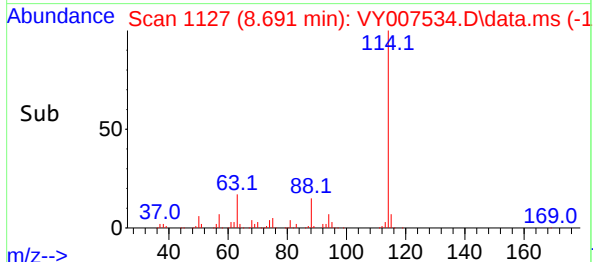
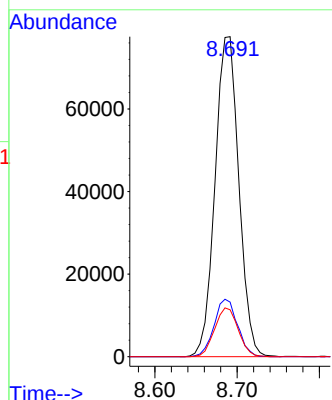
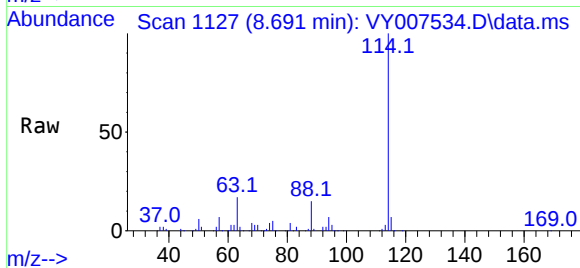
Tgt Ion:114 Resp: 155896

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.712 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY007534.D

Acq: 17 Feb 2022 19:45

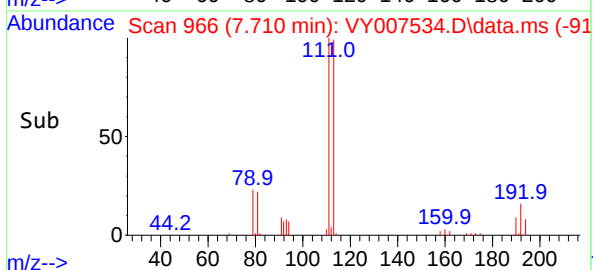
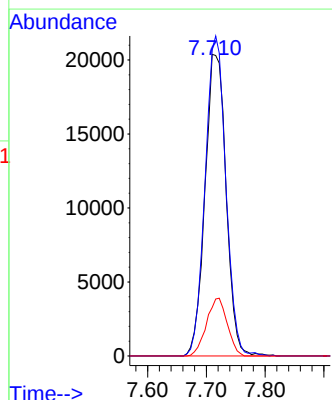
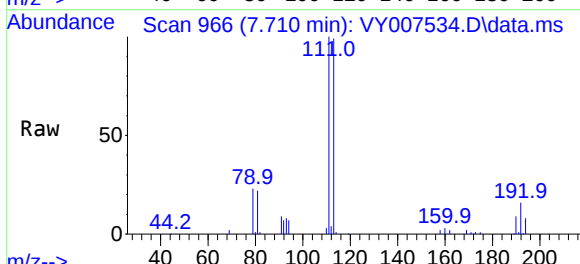
Tgt Ion:113 Resp: 50839

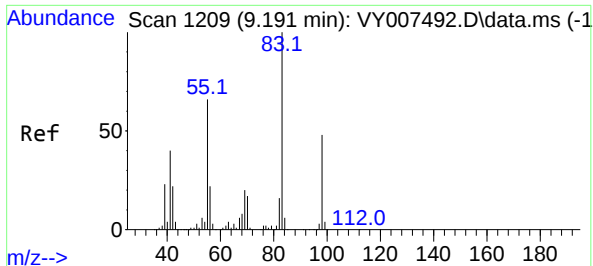
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 18.8 17.6 26.4





#39

Methylcyclohexane

Concen: 1.978 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007534.D

Acq: 17 Feb 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

D-9

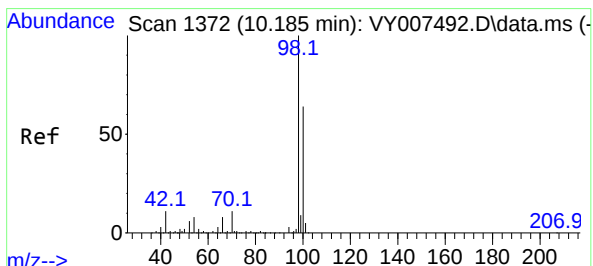
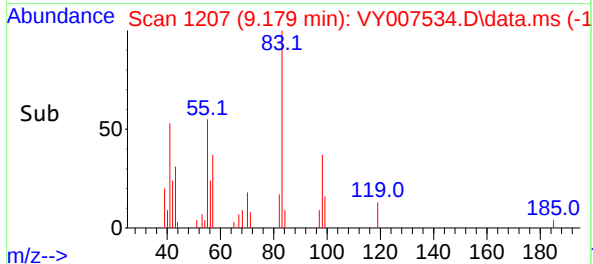
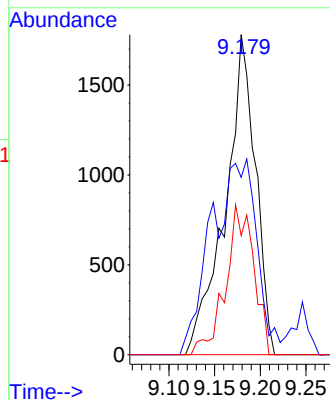
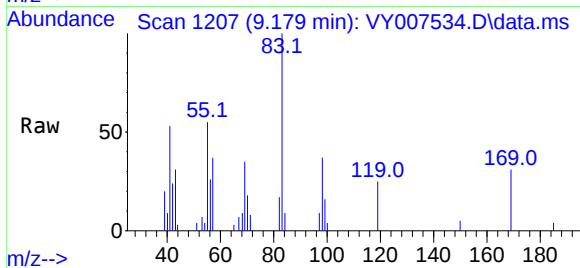
Tgt Ion: 83 Resp: 4090

Ion Ratio Lower Upper

83 100

55 55.4 66.5 99.7#

98 37.2 37.9 56.9#



#50

Toluene-d8

Concen: 50.608 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007534.D

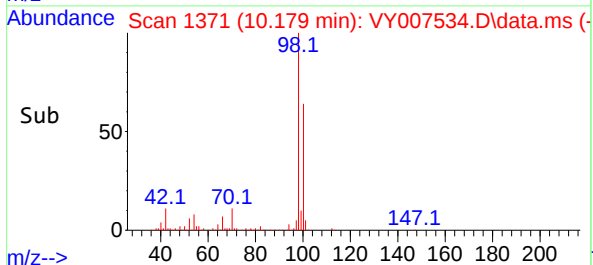
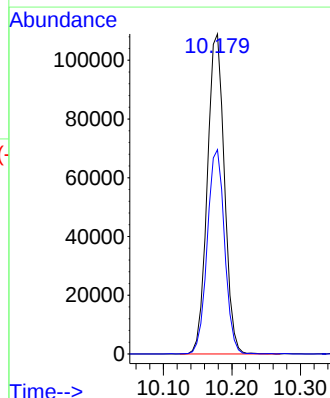
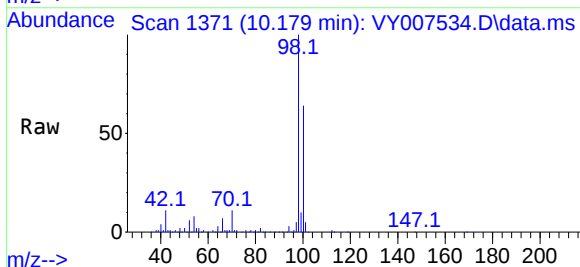
Acq: 17 Feb 2022 19:45

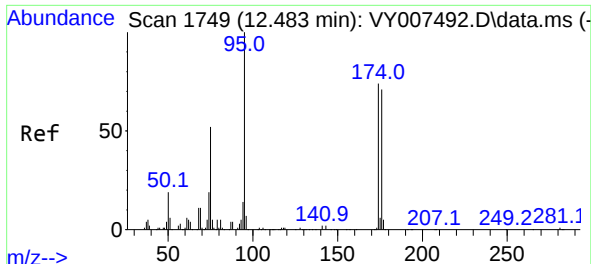
Tgt Ion: 98 Resp: 188971

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2



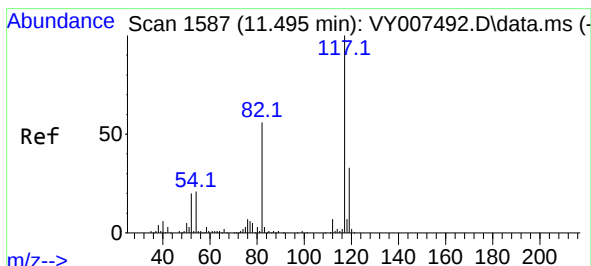
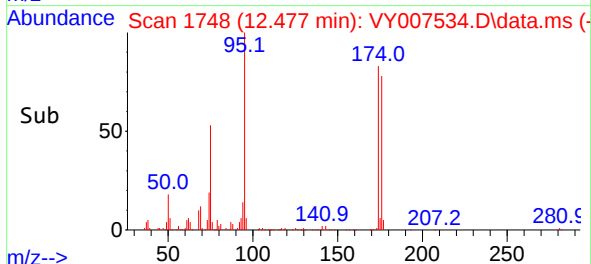
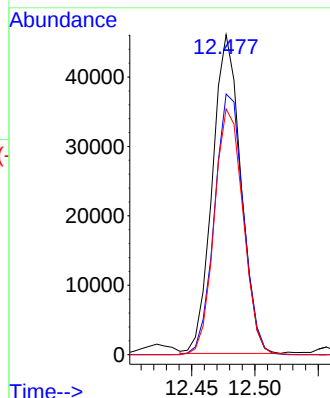
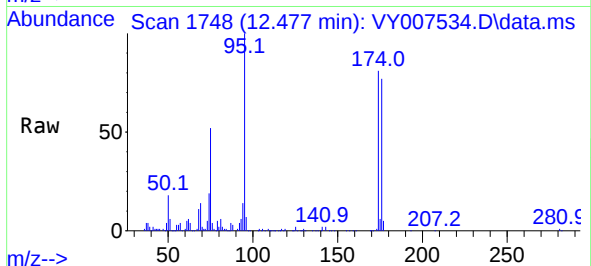


#62
4-Bromofluorobenzene
Concen: 56.632 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007534.D
Acq: 17 Feb 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :
D-9

Tgt Ion: 95 Resp: 71703

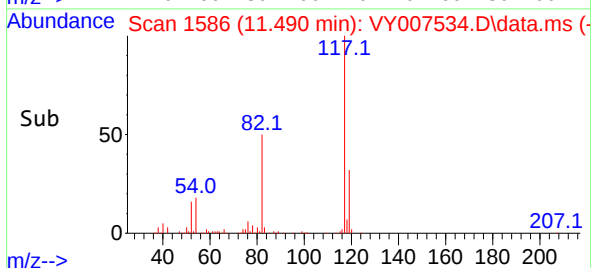
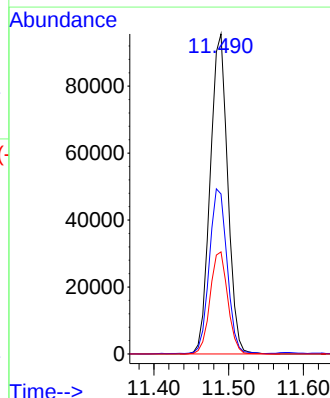
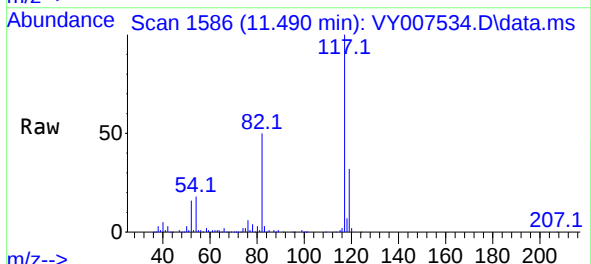
Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	177.0
176	78.1	0.0	175.8

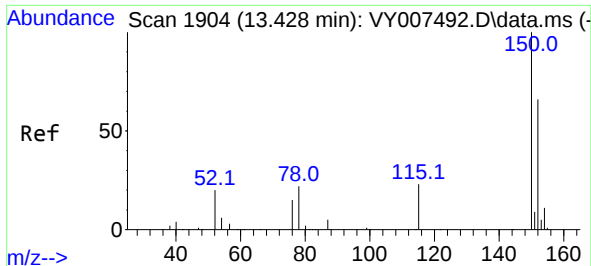


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007534.D
Acq: 17 Feb 2022 19:45

Tgt Ion: 117 Resp: 155285

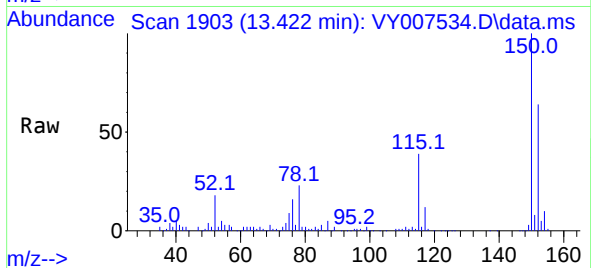
Ion	Ratio	Lower	Upper
117	100		
82	49.8	43.0	64.4
119	31.9	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007534.D
 Acq: 17 Feb 2022 19:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-9



Tgt Ion:152 Resp: 71392
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.2 84.7
 150 158.1 0.0 347.6

