

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012622.D
 Acq On : 15 Feb 2023 18:22
 Operator : KP/MD
 Sample : 01562-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 01:02:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

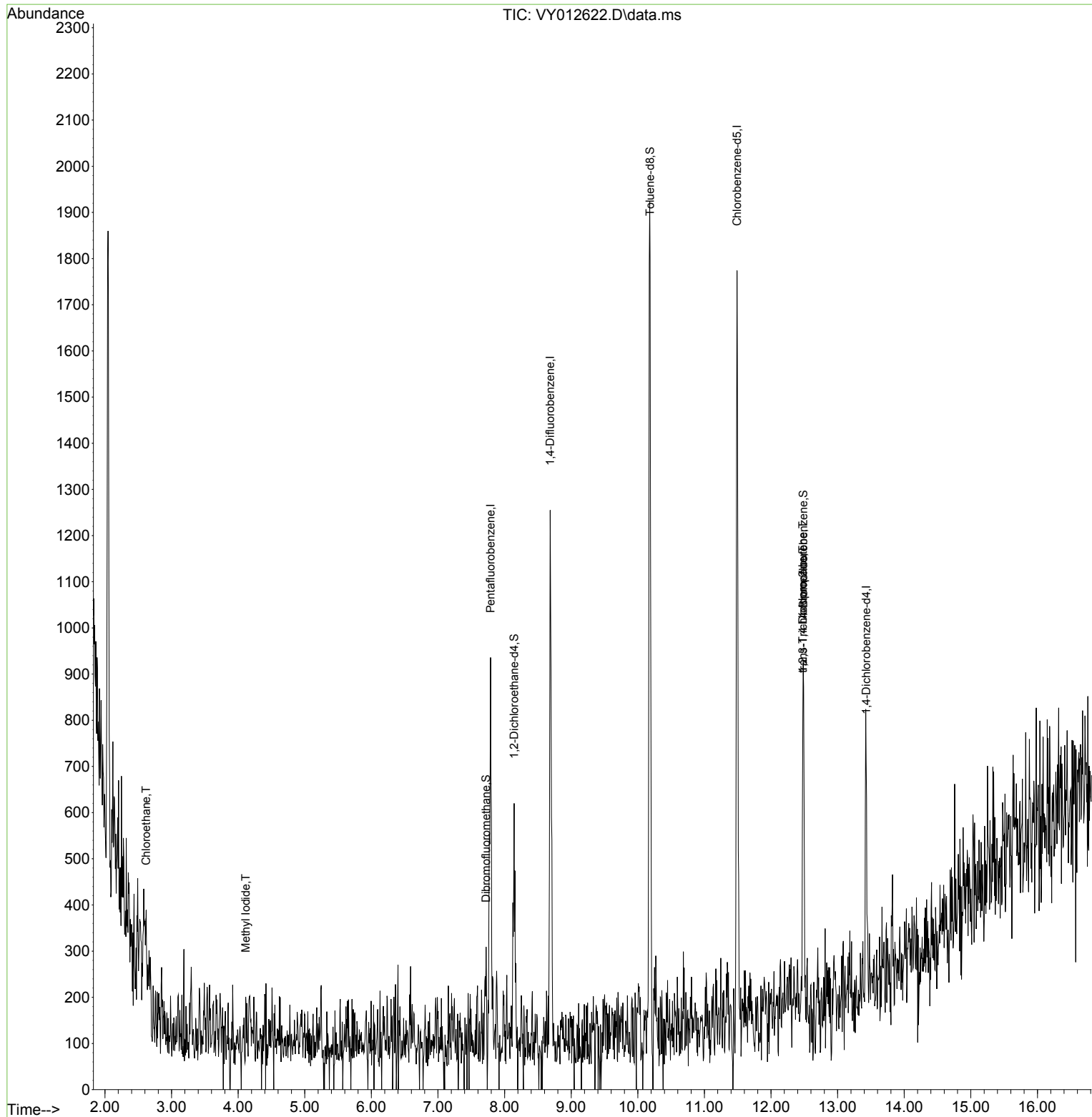
Internal Standards						
1) Pentafluorobenzene	7.789	168	1025	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	1506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	513	39.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.720%
35) Dibromofluoromethane	7.722	113	130	11.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.700%#
50) Toluene-d8	10.185	98	1686	36.933	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.860%
62) 4-Bromofluorobenzene	12.483	95	371	23.300	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.600%
Target Compounds						
					Qvalue	
6) Chloroethane	2.619	64	47	6.787	ug/l #	43
10) Methyl Iodide	4.113	142	25	1.867	ug/l #	36
76) 1,2,3-Trichloropropane	12.477	75	151	55.619	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	151	125.425	ug/l #	12

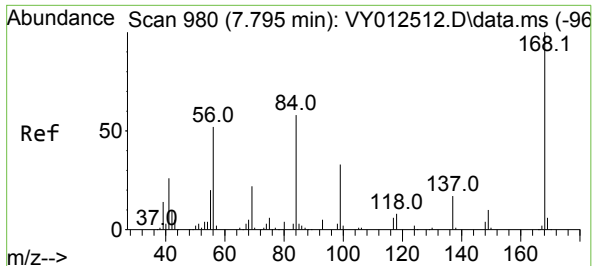
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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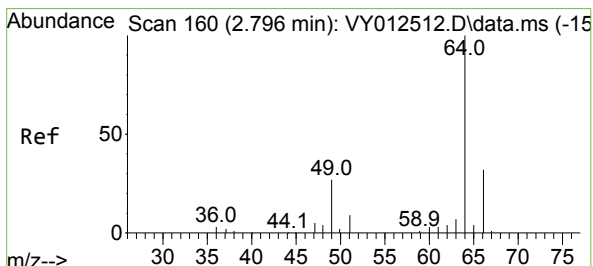
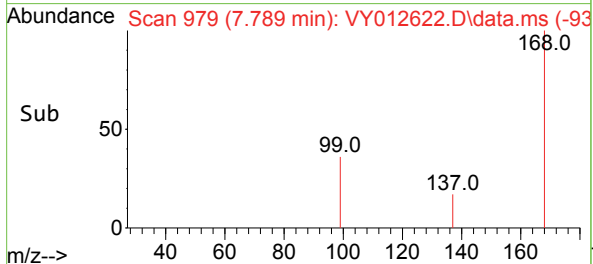
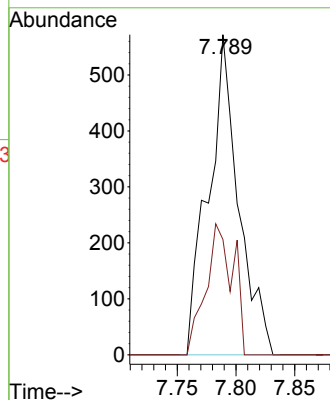
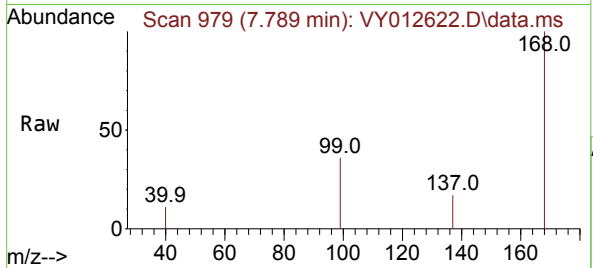




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

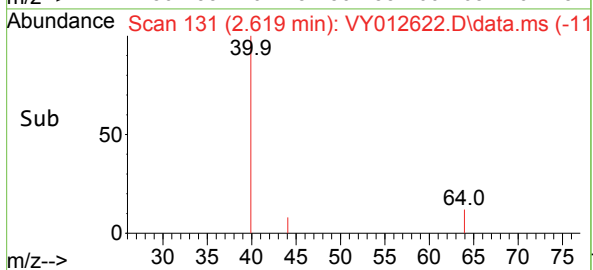
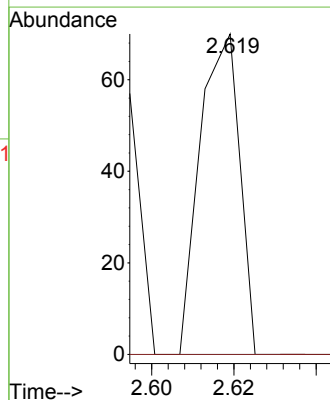
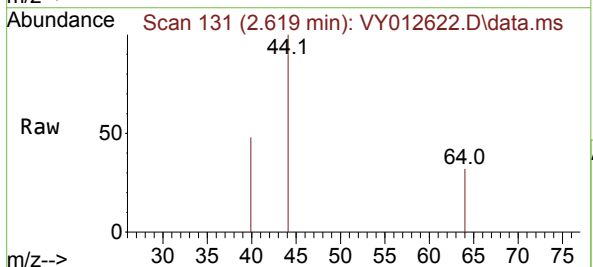
Instrument :
MSVOA_Y
ClientSampleId :

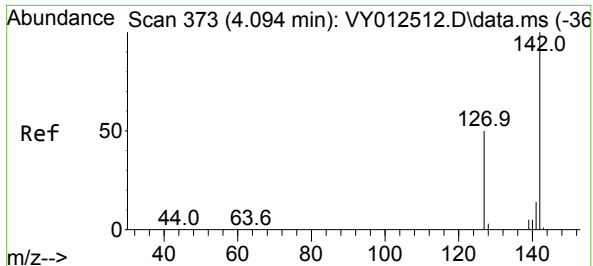
Tgt Ion:168 Resp: 1025
Ion Ratio Lower Upper
168 100
99 36.0 40.8 61.2#



#6
Chloroethane
Concen: 6.787 ug/l
RT: 2.619 min Scan# 131
Delta R.T. -0.177 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

Tgt Ion: 64 Resp: 47
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#10

Methyl Iodide

Concen: 1.867 ug/l

RT: 4.113 min Scan# 31

Delta R.T. 0.019 min

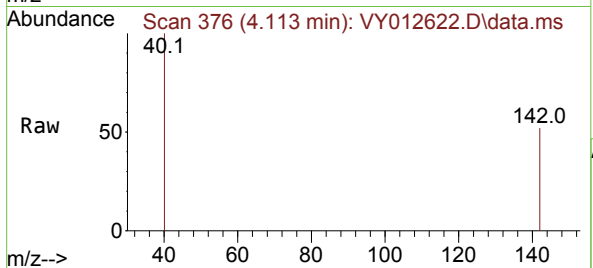
Lab File: VY012622.D

Acq: 15 Feb 2023 18:22

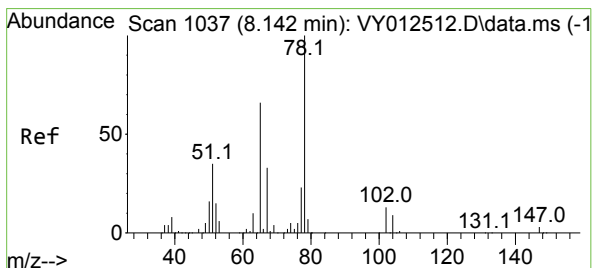
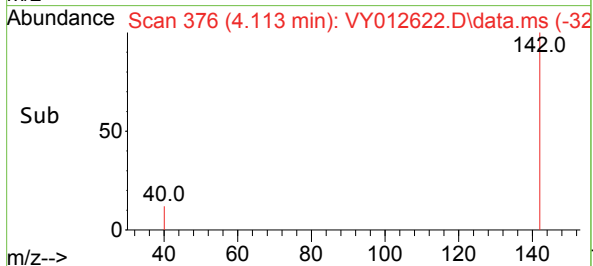
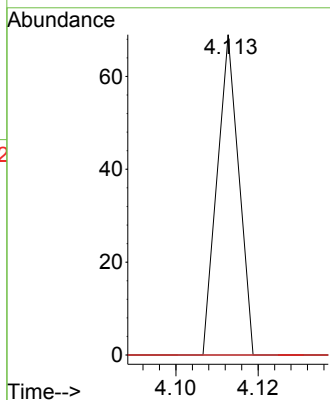
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	142	Resp:	25
Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.8	59.6#
141	0.0	11.6	17.4#



#33

1,2-Dichloroethane-d4

Concen: 39.358 ug/l

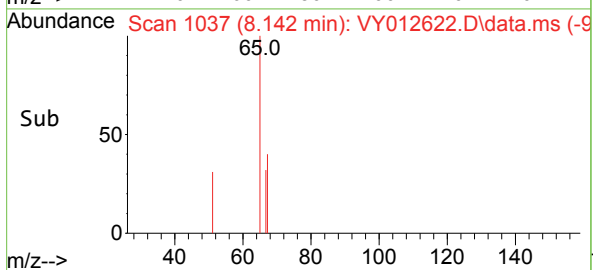
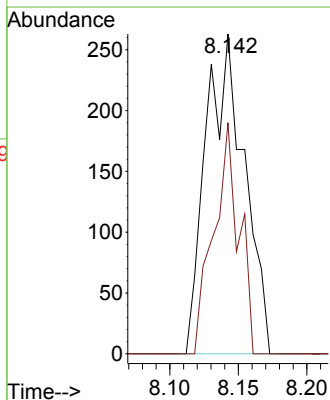
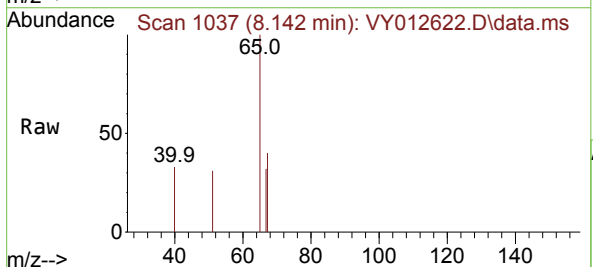
RT: 8.142 min Scan# 1037

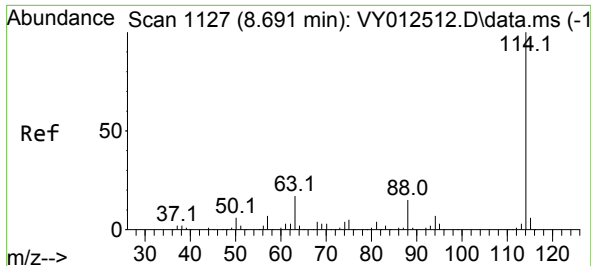
Delta R.T. 0.000 min

Lab File: VY012622.D

Acq: 15 Feb 2023 18:22

Tgt Ion:	65	Resp:	513
Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012622.D

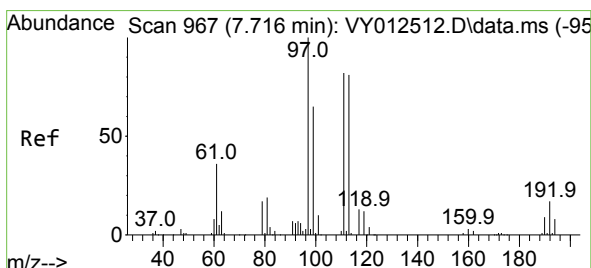
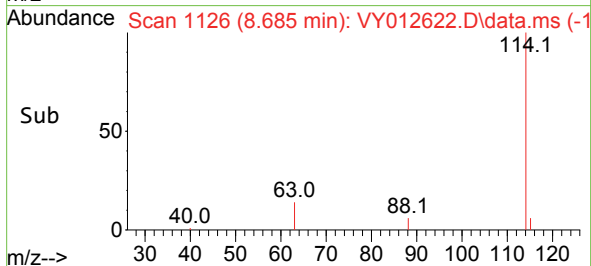
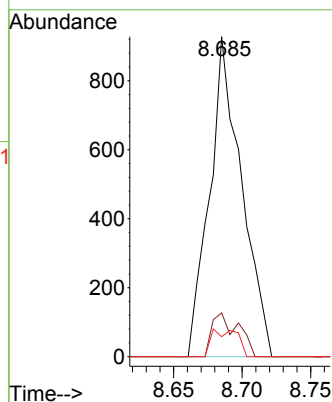
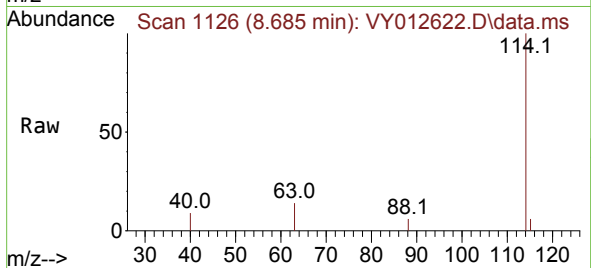
Acq: 15 Feb 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	1506
Ion	Ratio	Lower Upper
114	100	
63	13.7	0.0 33.6
88	6.3	0.0 29.8



#35

Dibromofluoromethane

Concen: 11.853 ug/l

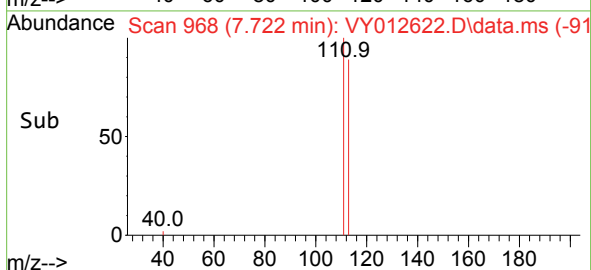
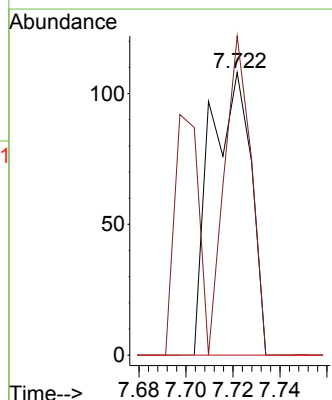
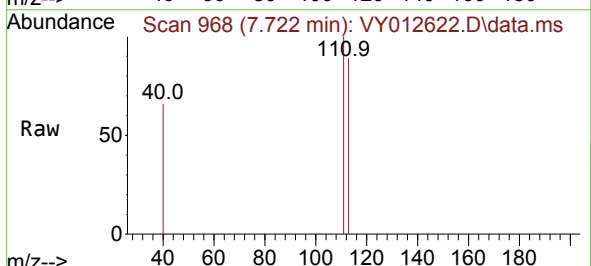
RT: 7.722 min Scan# 968

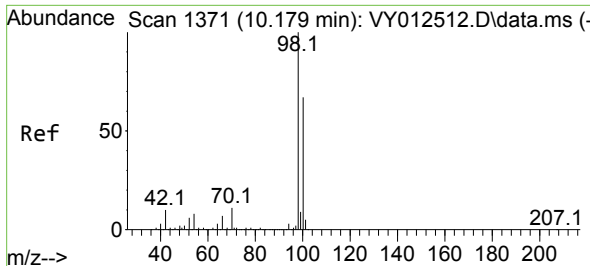
Delta R.T. 0.006 min

Lab File: VY012622.D

Acq: 15 Feb 2023 18:22

Tgt Ion:113	Resp:	130
Ion	Ratio	Lower Upper
113	100	
111	73.8	81.9 122.9#
192	0.0	17.5 26.3#

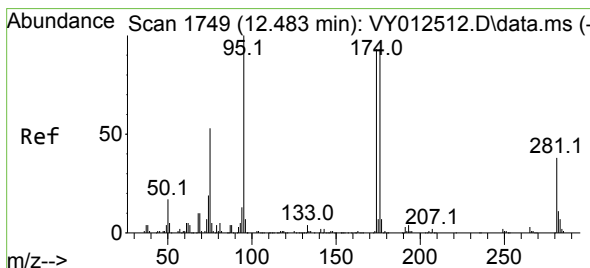
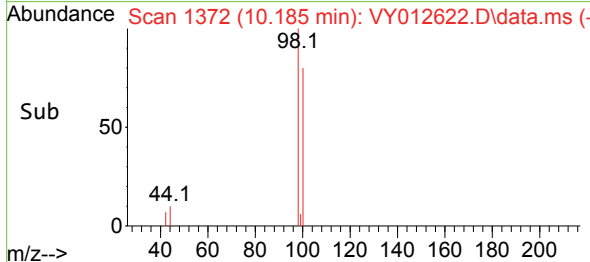
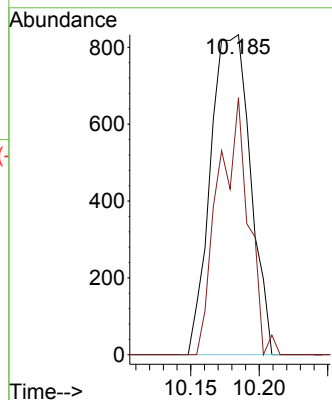
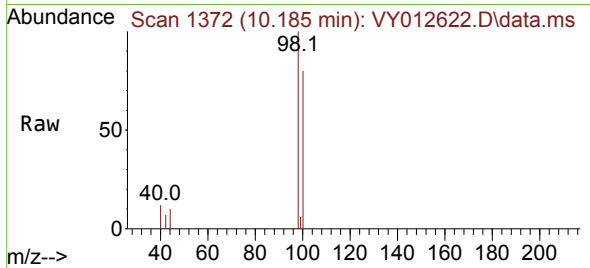




#50
Toluene-d8
Concen: 36.933 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

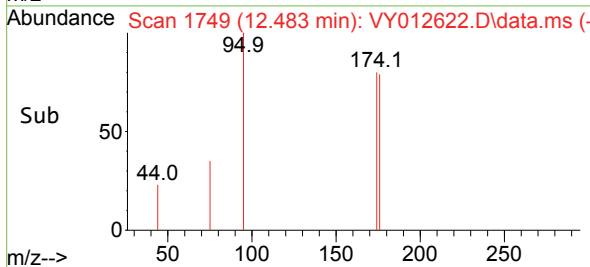
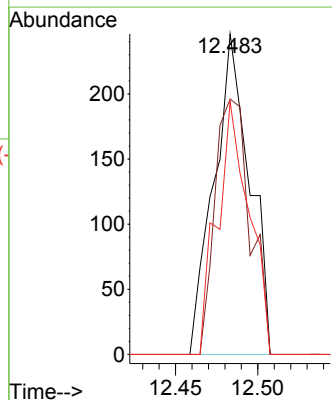
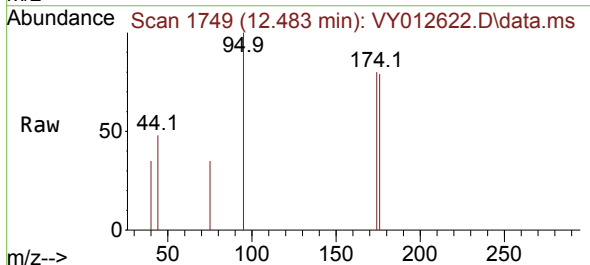
Instrument :
MSVOA_Y
ClientSampleId :

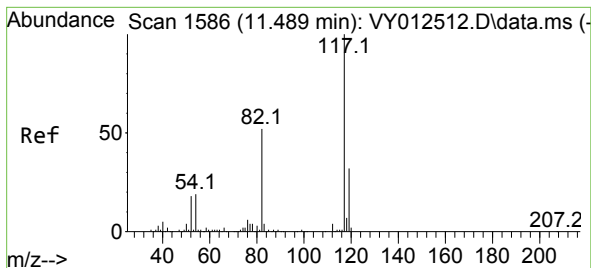
Tgt Ion: 98 Resp: 1686
Ion Ratio Lower Upper
98 100
100 61.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 23.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

Tgt Ion: 95 Resp: 371
Ion Ratio Lower Upper
95 100
174 78.7 0.0 188.0
176 70.9 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

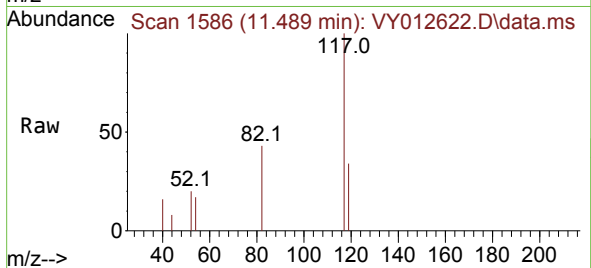
Lab File: VY012622.D

Acq: 15 Feb 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :



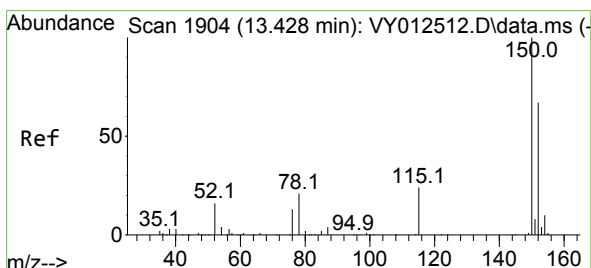
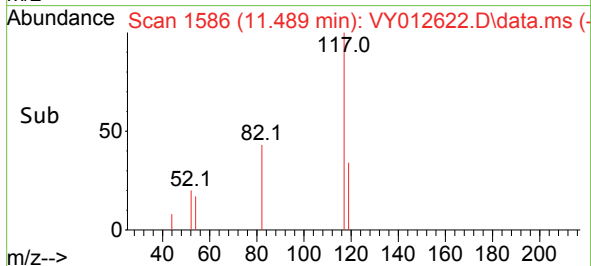
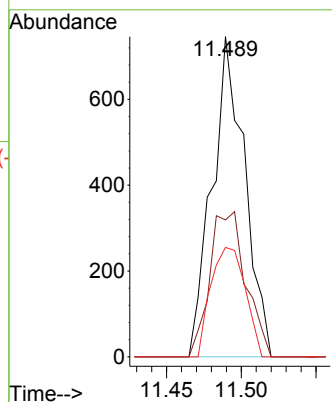
Tgt Ion:117 Resp: 1129

Ion Ratio Lower Upper

117 100

82 42.8 41.7 62.5

119 34.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012622.D

Acq: 15 Feb 2023 18:22

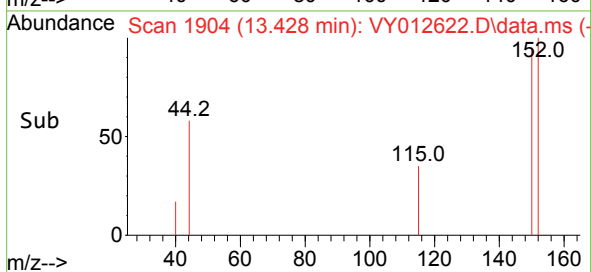
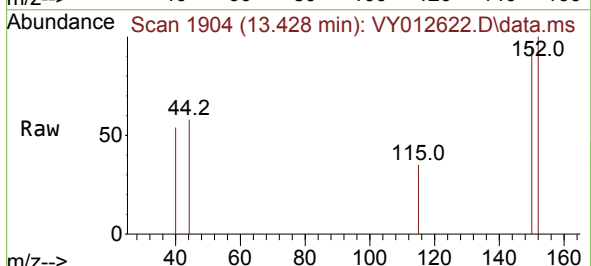
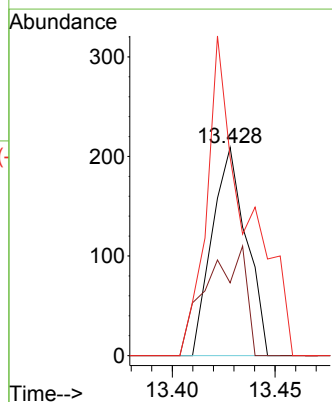
Tgt Ion:152 Resp: 243

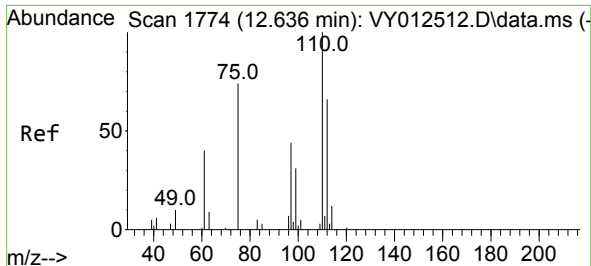
Ion Ratio Lower Upper

152 100

115 59.7 28.1 84.3

150 174.5 0.0 351.0

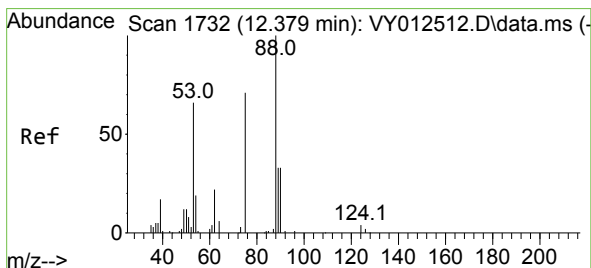
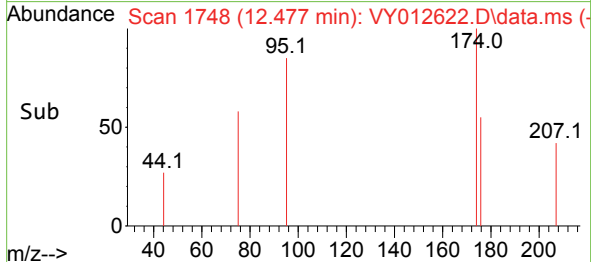
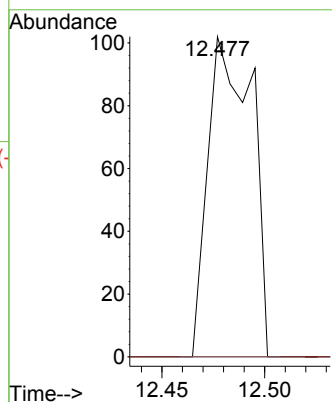
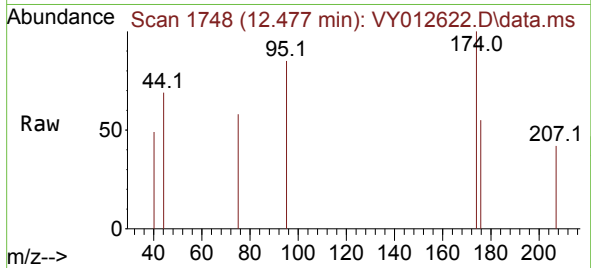




#76
1,2,3-Trichloropropane
Concen: 55.619 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 151
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 125.425 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

Tgt Ion: 75 Resp: 151
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#

