

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012623.D
 Acq On : 15 Feb 2023 18:45
 Operator : KP/MD
 Sample : 01574-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 01:02:30 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)

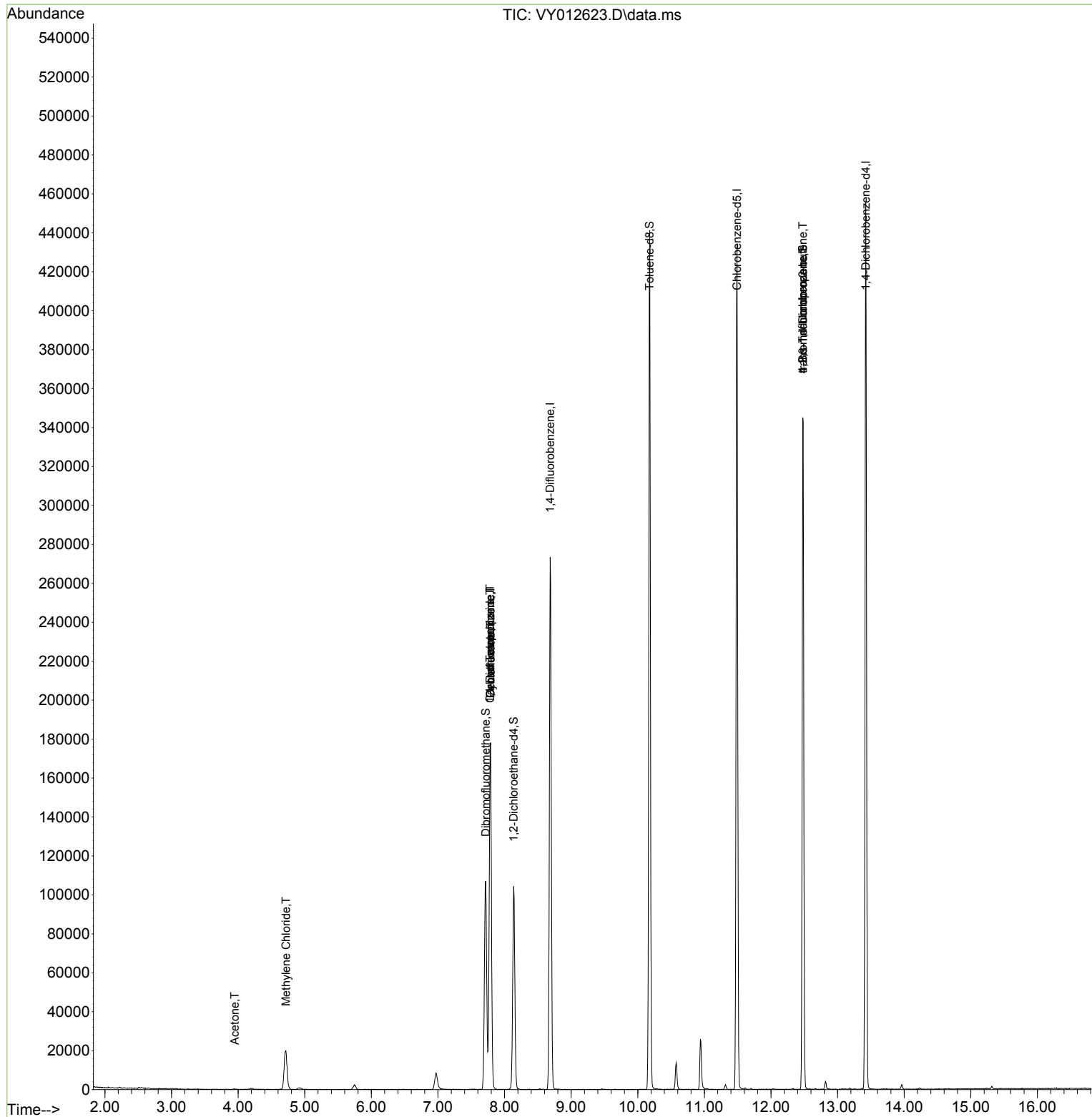
Internal Standards						
1) Pentafluorobenzene	7.789	168	147372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85808	45.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.580%
35) Dibromofluoromethane	7.716	113	74049	41.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.480%
50) Toluene-d8	10.179	98	292845	39.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.380%
62) 4-Bromofluorobenzene	12.477	95	101553	38.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	49	Below Cal	#	75
16) Acetone	3.948	43	480	1.064	ug/l #	41
20) Methylene Chloride	4.716	84	17339	6.633	ug/l	87
31) Cyclohexane	7.789	56	2445	1.128	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	9374	3.858	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14227	4.362	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	53393	38.630	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53393	87.112	ug/l #	12

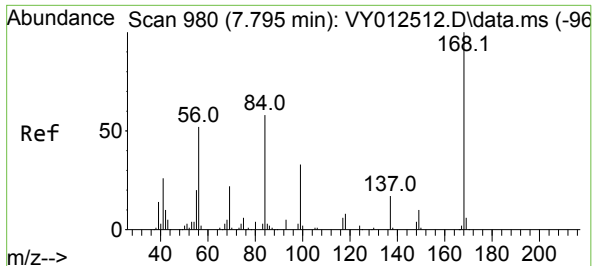
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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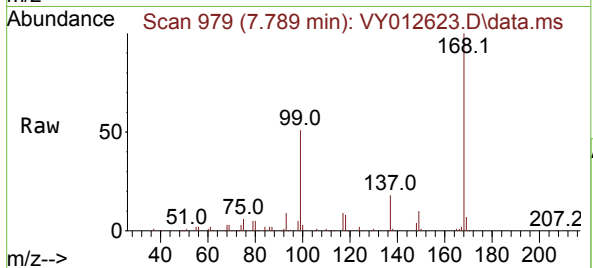
Quant Time: Feb 16 01:02:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
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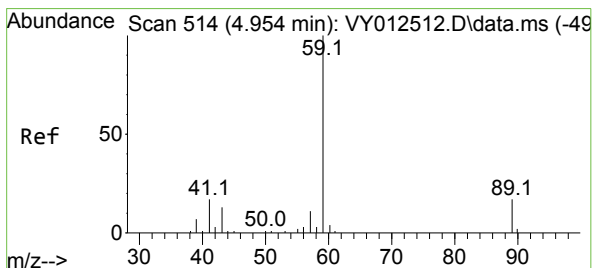
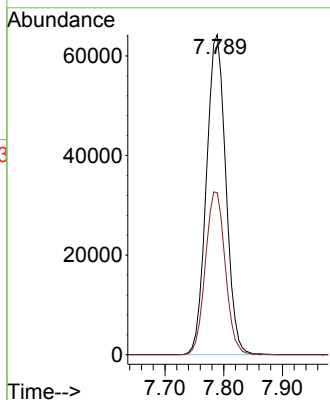
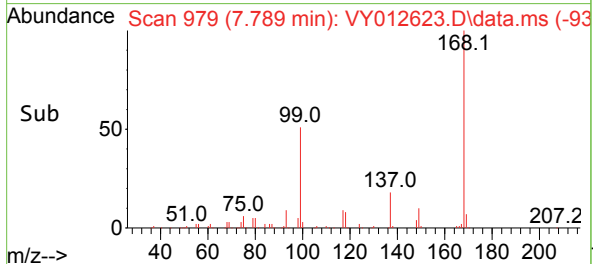


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Instrument :
MSVOA_Y
ClientSampleId :

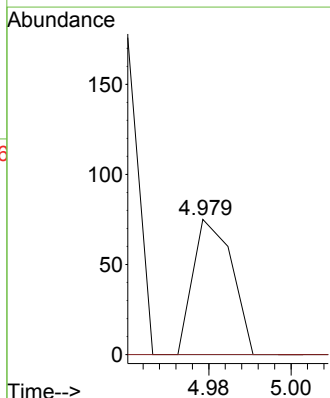
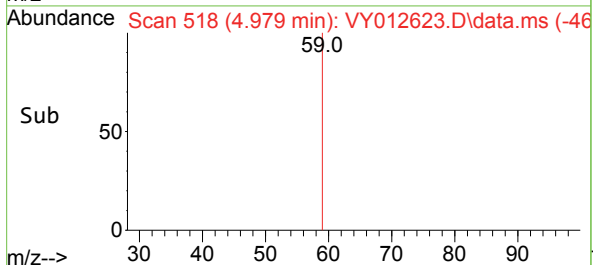
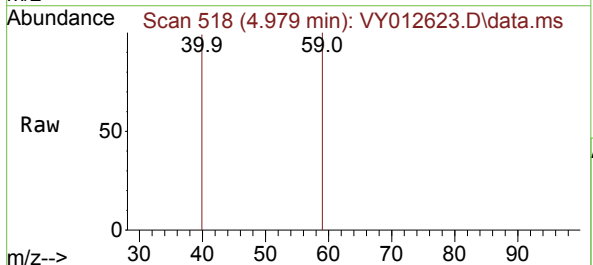


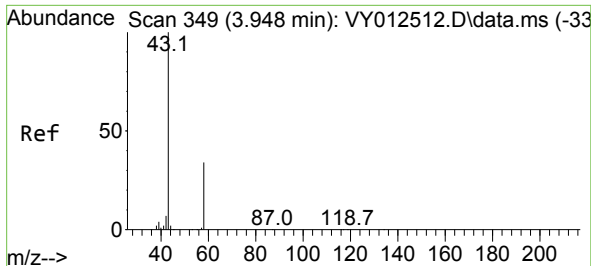
Tgt Ion:168 Resp: 147372
Ion Ratio Lower Upper
168 100
99 50.7 40.8 61.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.979 min Scan# 518
Delta R.T. 0.025 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#16

Acetone

Concen: 1.064 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

Instrument :

MSVOA_Y

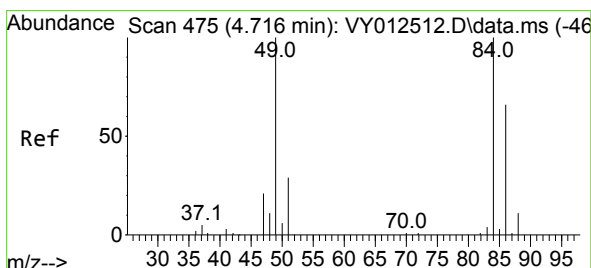
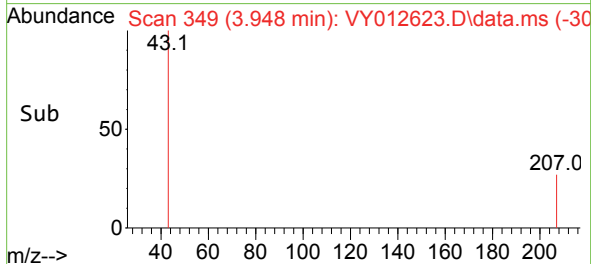
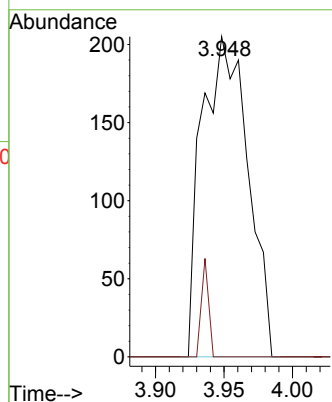
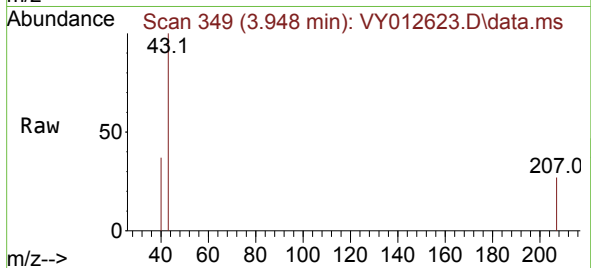
ClientSampleId :

Tgt Ion: 43 Resp: 480

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#20

Methylene Chloride

Concen: 6.633 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

Tgt Ion: 84 Resp: 17339

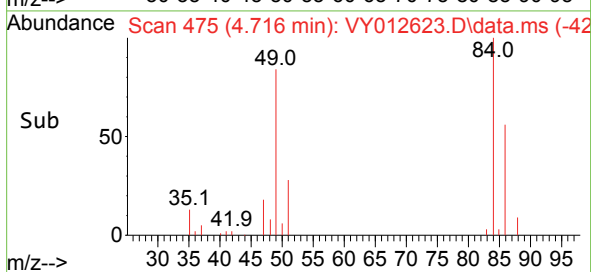
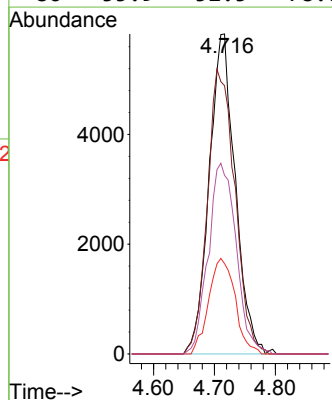
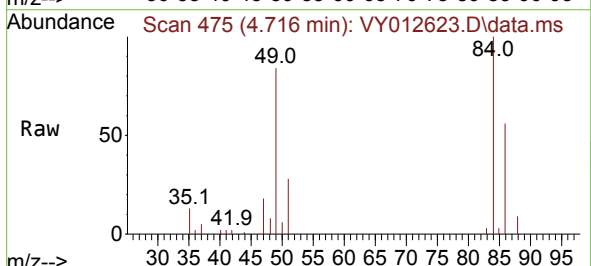
Ion Ratio Lower Upper

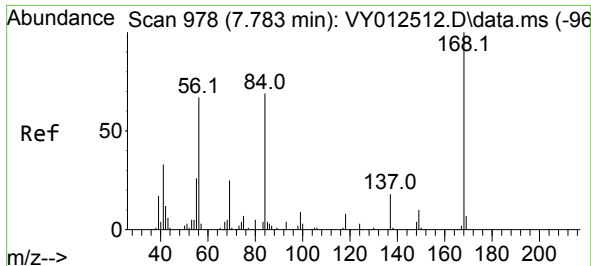
84 100

49 83.9 79.8 119.6

51 28.2 23.4 35.2

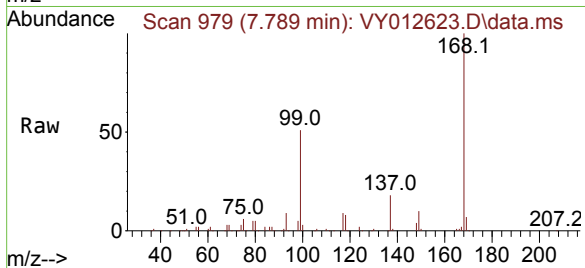
86 55.9 52.5 78.7



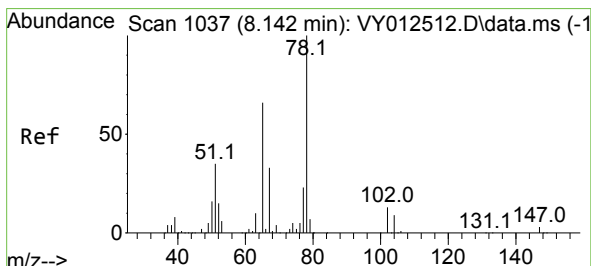
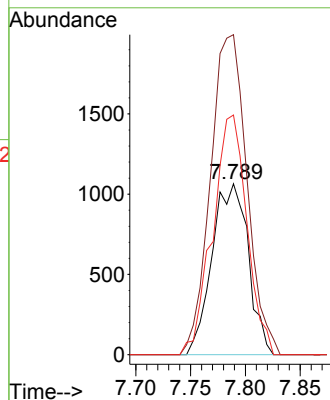
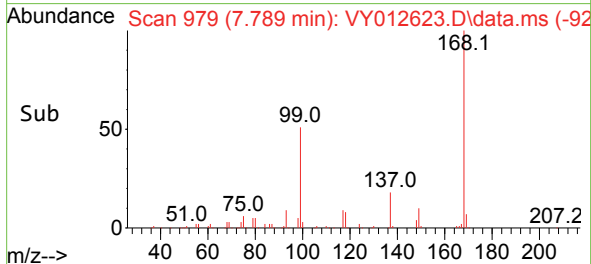


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Instrument :
MSVOA_Y
ClientSampleId :

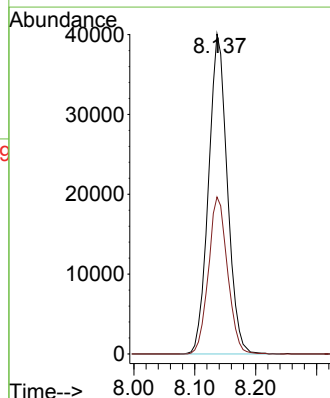
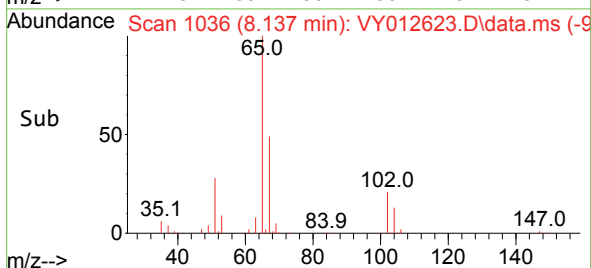
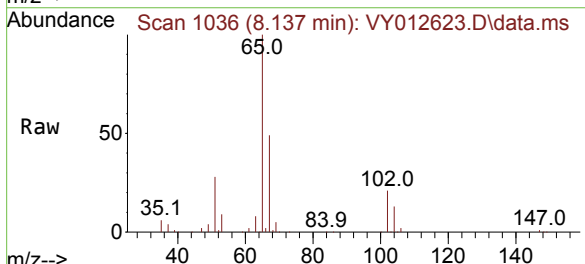


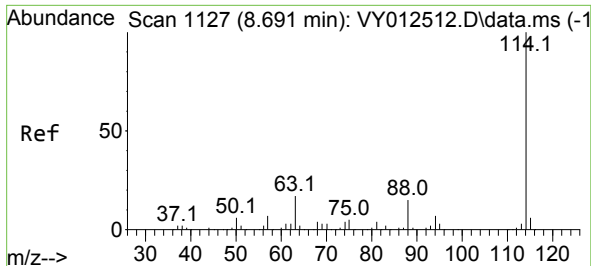
Tgt Ion: 56 Resp: 2445
Ion Ratio Lower Upper
56 100
69 187.2 29.5 44.3#
84 140.2 81.9 122.9#



#33
1,2-Dichloroethane-d4
Concen: 45.788 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Tgt Ion: 65 Resp: 85808
Ion Ratio Lower Upper
65 100
67 49.8 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: VY012623.D

Acq: 15 Feb 2023 18:45

Instrument :

MSVOA_Y

ClientSampleId :

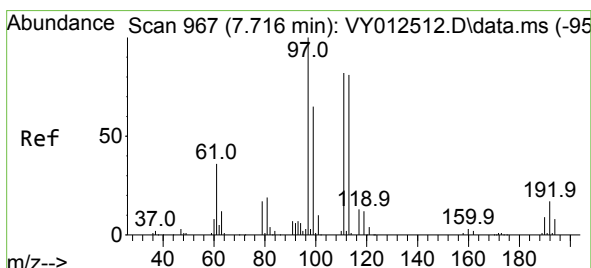
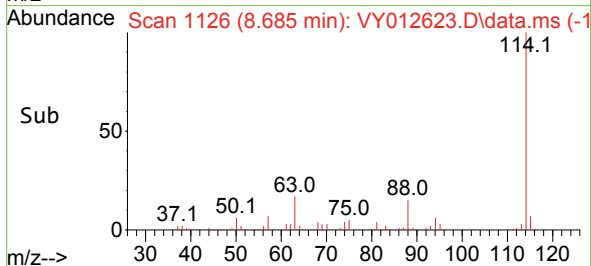
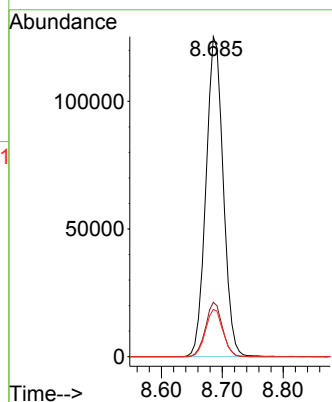
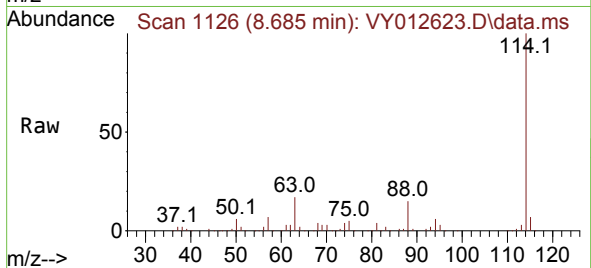
Tgt Ion:114 Resp: 246542

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.6

88 14.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 41.242 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

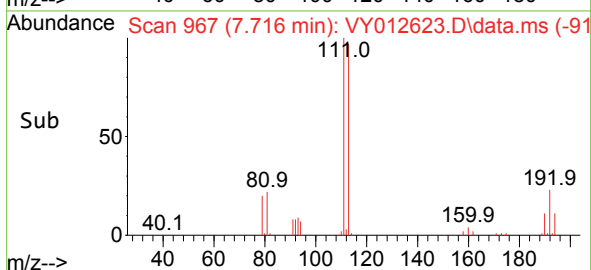
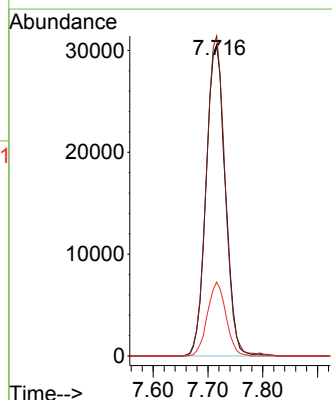
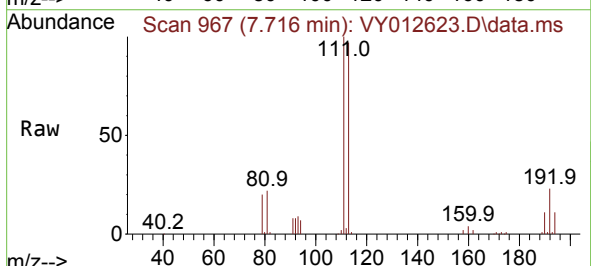
Tgt Ion:113 Resp: 74049

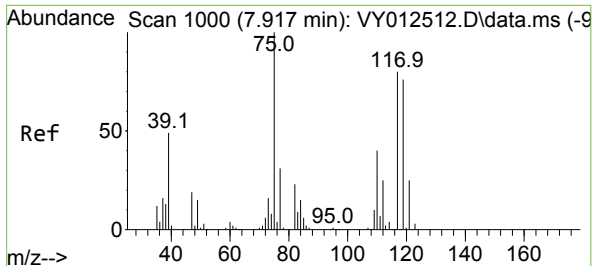
Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

192 23.0 17.5 26.3





#36

1,1-Dichloropropene

Concen: 3.858 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

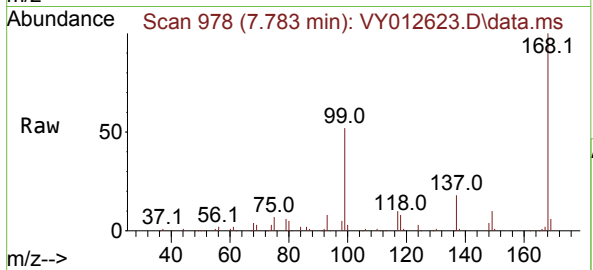
Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

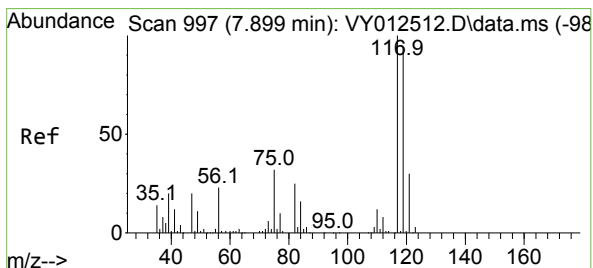
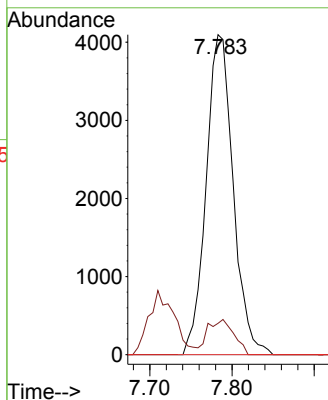
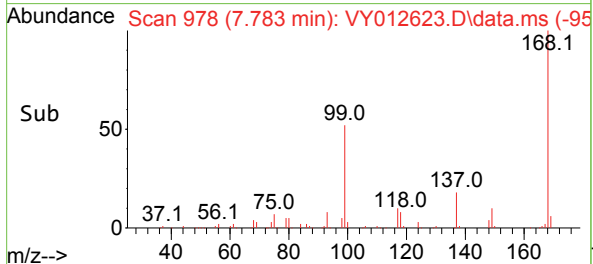
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9374
Ion Ratio	Lower Upper
75	100
110	10.6 19.5 58.5#
77	0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.362 ug/l

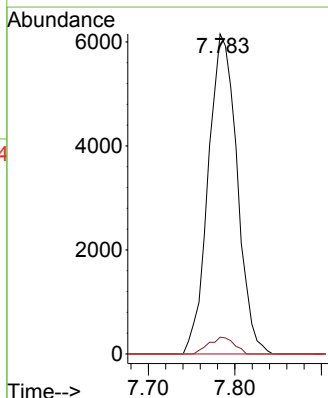
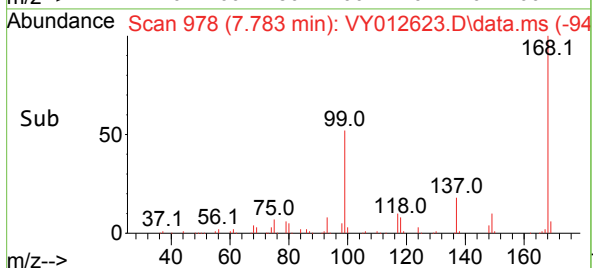
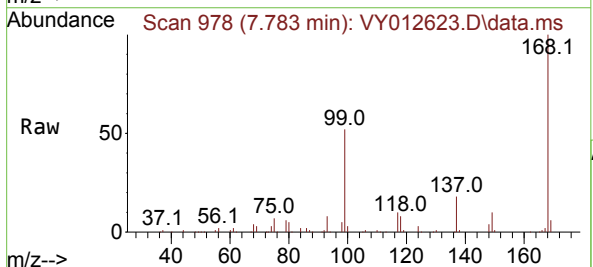
RT: 7.783 min Scan# 978

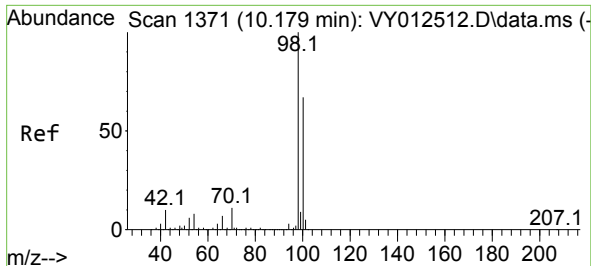
Delta R.T. -0.116 min

Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

Tgt Ion: 117	Resp: 14227
Ion Ratio	Lower Upper
117	100
119	5.2 75.1 112.7#
121	0.0 24.3 36.5#

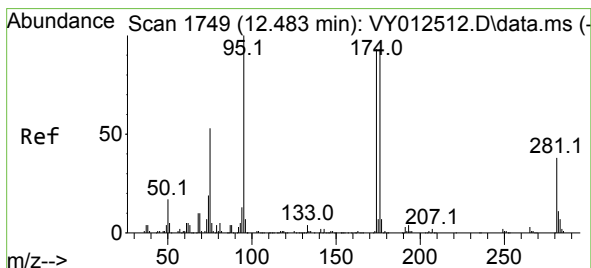
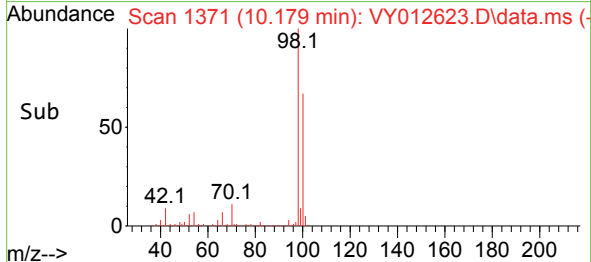
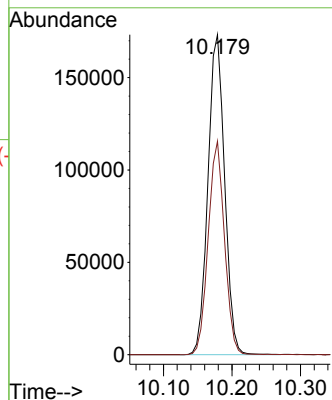
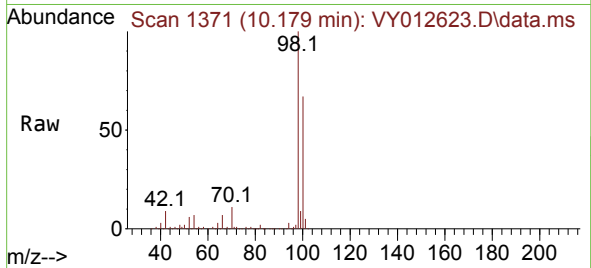




#50
Toluene-d8
Concen: 39.186 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

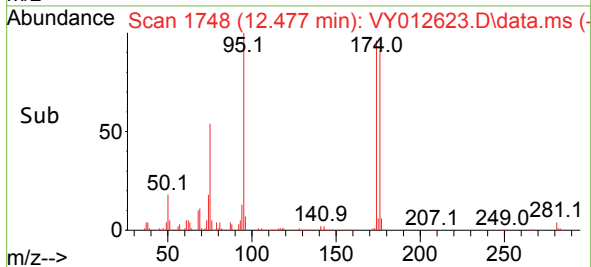
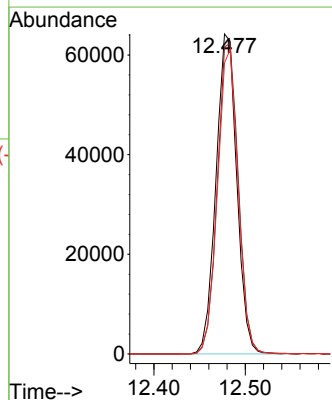
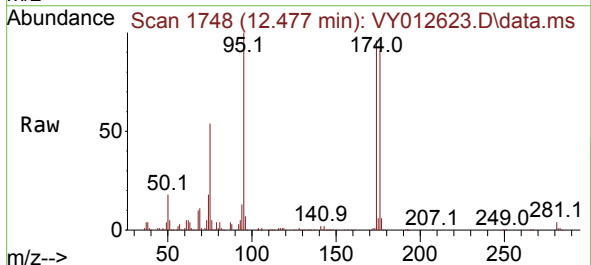
Instrument :
MSVOA_Y
ClientSampleId :

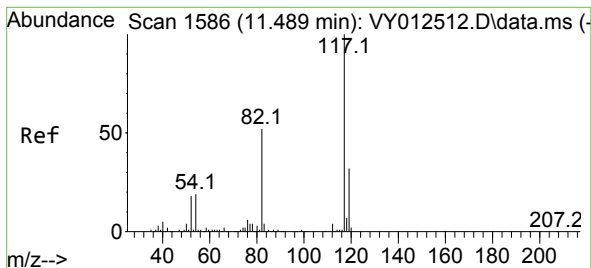
Tgt Ion: 98 Resp: 292845
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.959 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Tgt Ion: 95 Resp: 101553
Ion Ratio Lower Upper
95 100
174 98.2 0.0 188.0
176 94.3 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

Instrument :

MSVOA_Y

ClientSampleId :

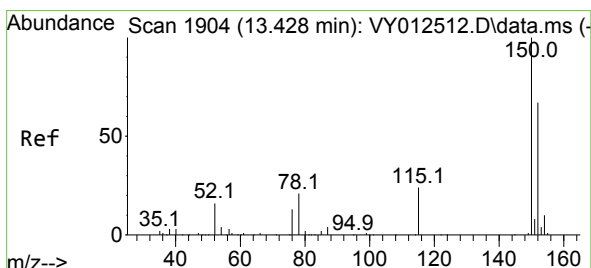
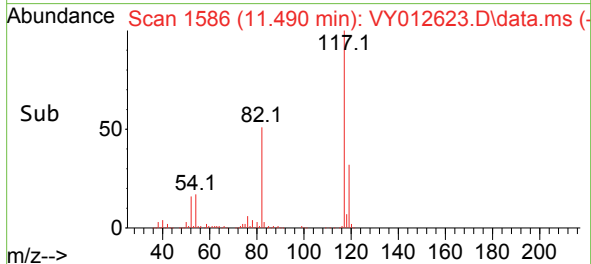
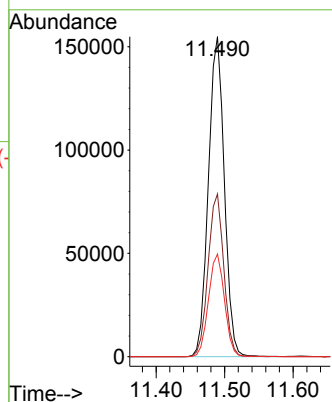
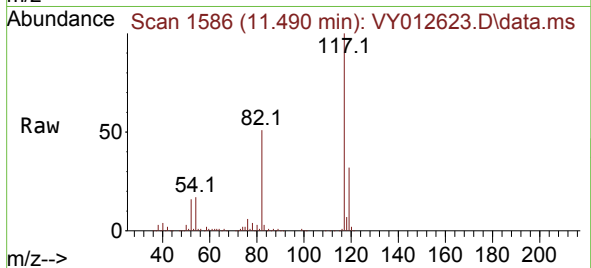
Tgt Ion:117 Resp: 250849

Ion Ratio Lower Upper

117 100

82 50.9 41.7 62.5

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

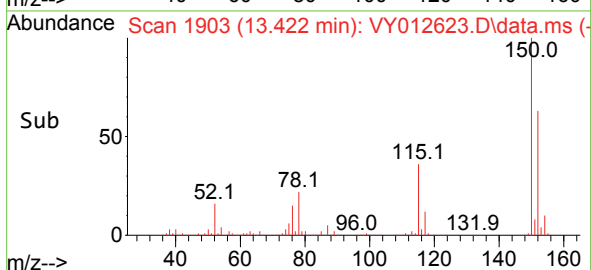
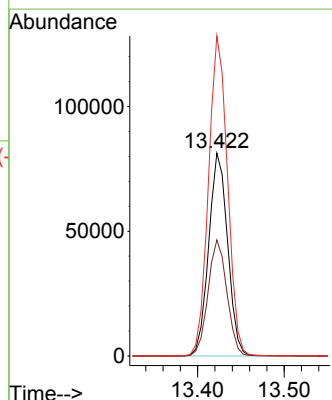
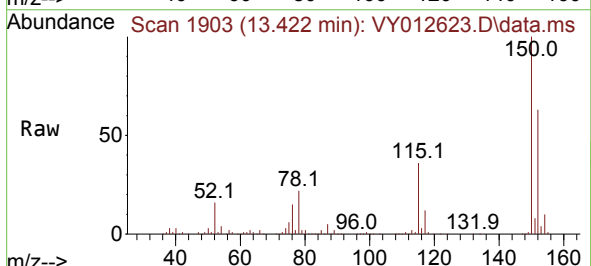
Tgt Ion:152 Resp: 123714

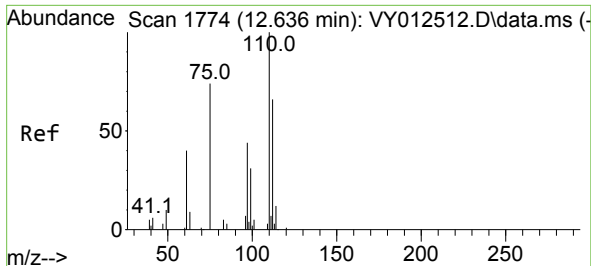
Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.3

150 158.1 0.0 351.0

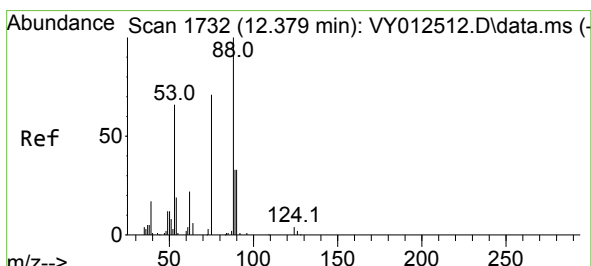
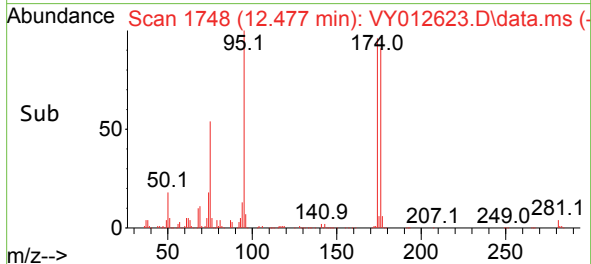
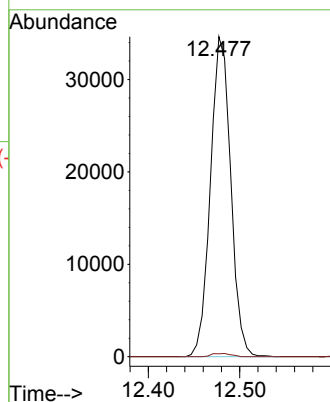
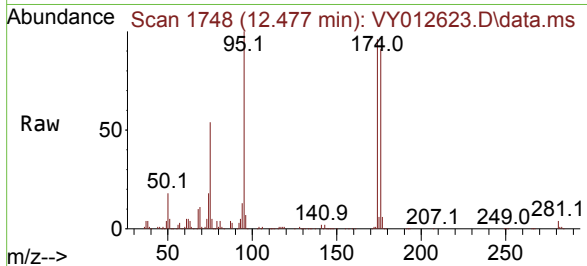




#76
1,2,3-Trichloropropane
Concen: 38.630 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 53393
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.112 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Tgt Ion: 75 Resp: 53393
Ion Ratio Lower Upper
75 100
53 0.1 73.1 109.7#
89 0.0 39.9 59.9#

