

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011953.D
 Acq On : 21 Dec 2022 17:44
 Operator : KP/MD
 Sample : N6103-01
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-210-IDWSO-20221215

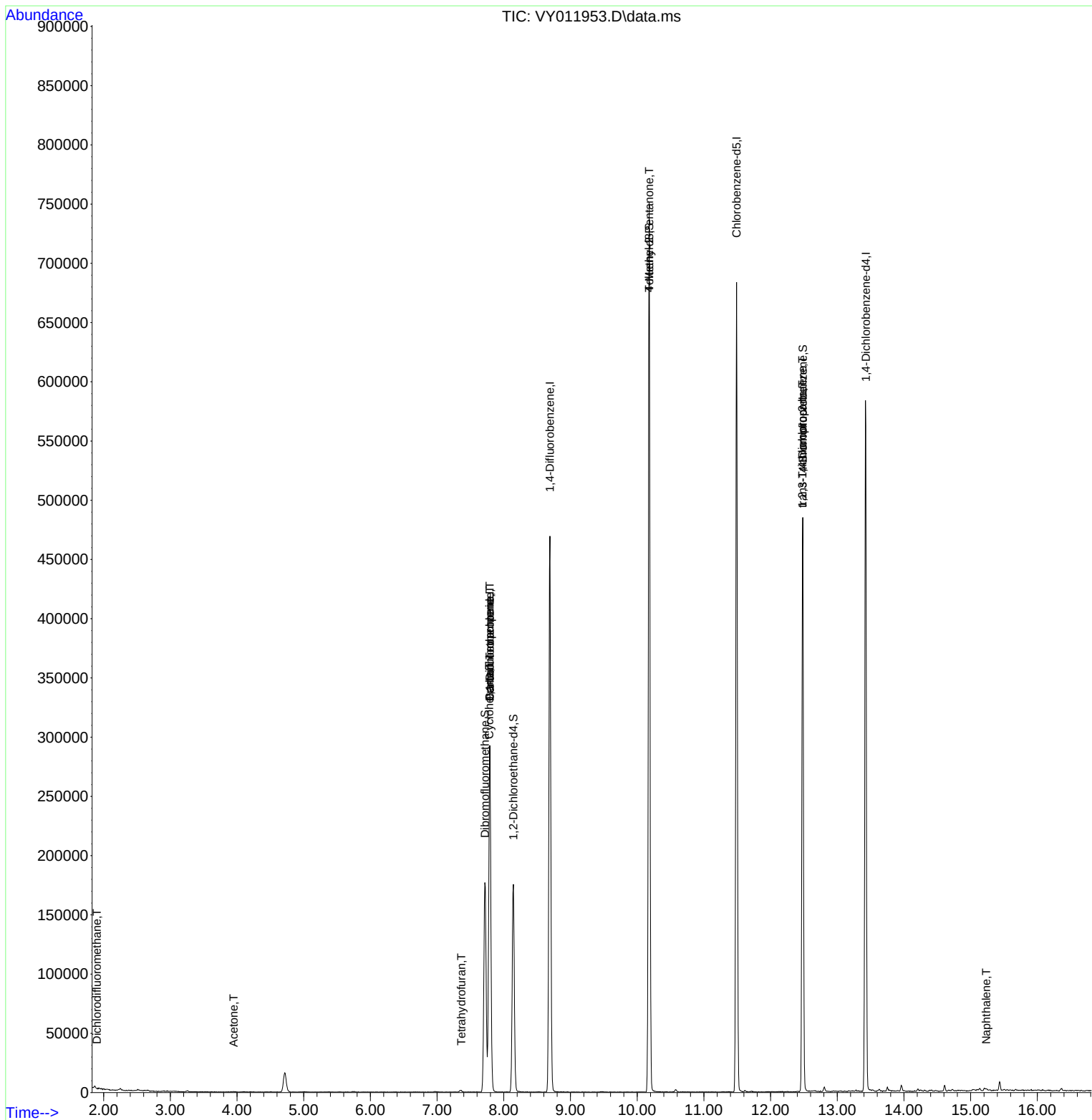
Quant Time: Dec 22 00:14:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

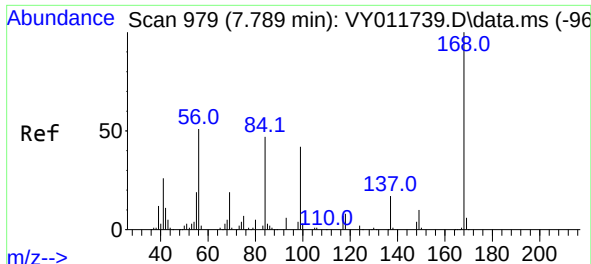
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	226452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	369417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	138224	60.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.180%	
35) Dibromofluoromethane	7.716	113	127158	52.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.179	98	484478	49.437	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.880%	
62) 4-Bromofluorobenzene	12.483	95	151560	45.984	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.960%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	20	2.478	ug/l #	41
11) Tert butyl alcohol	4.936	59	110	Below Cal	#	74
16) Acetone	3.948	43	568	5.692	ug/l #	85
20) Methylene Chloride	4.716	84	13005	Below Cal		91
29) Tetrahydrofuran	7.362	42	1101	2.557	ug/l #	31
31) Cyclohexane	7.783	56	3976	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16105	4.157	ug/l #	50
38) Carbon Tetrachloride	7.789	117	22437	5.014	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1873	1.106	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	77265	39.615	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77265	108.486	ug/l #	13
95) Naphthalene	15.233	128	1638	3.046	ug/l #	95

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

Quant Time: Dec 22 00:14:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

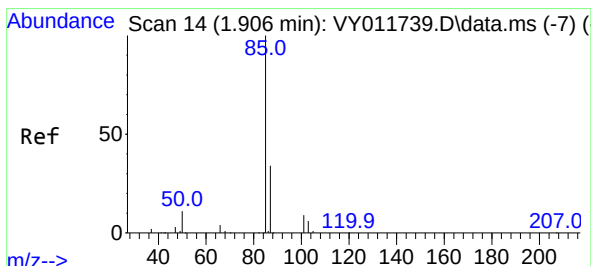
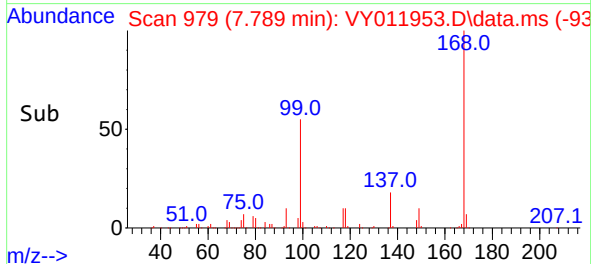
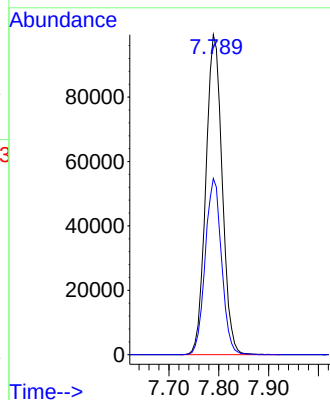
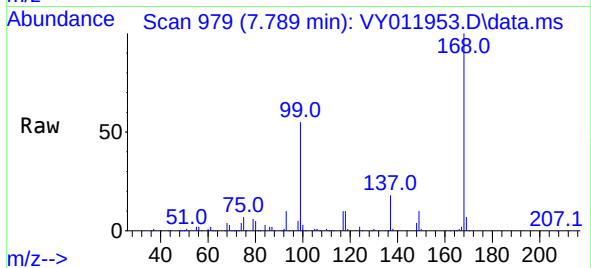




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

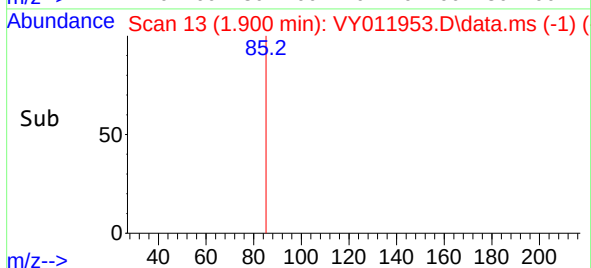
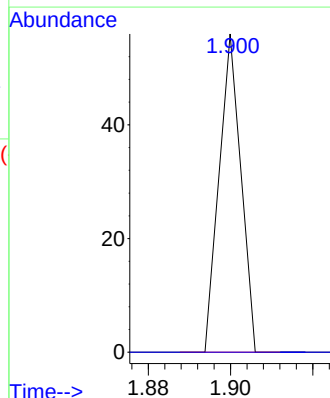
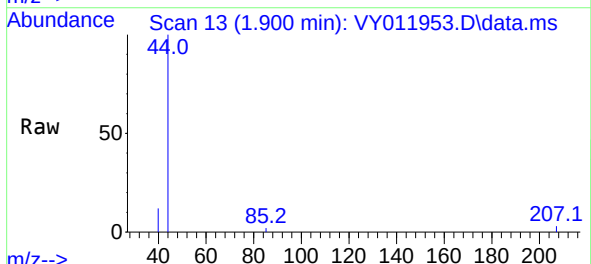
Instrument :
MSVOA_Y
ClientSampleId :
TT-210-IDWSO-20221215

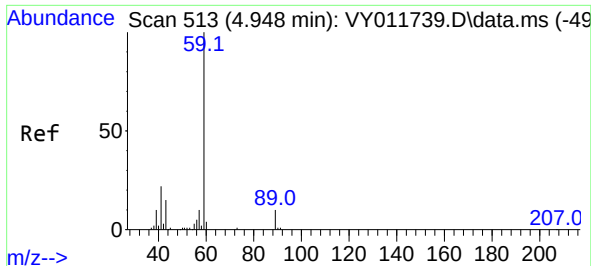
Tgt Ion:168 Resp: 226452
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.478 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY011953.D

Acq: 21 Dec 2022 17:44

Instrument :

MSVOA_Y

ClientSampleId :

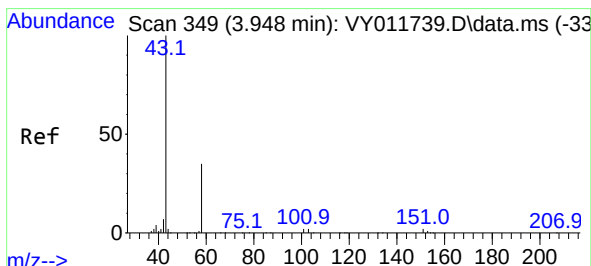
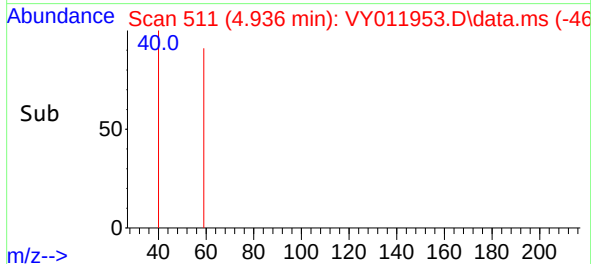
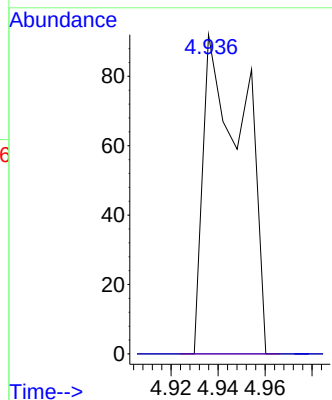
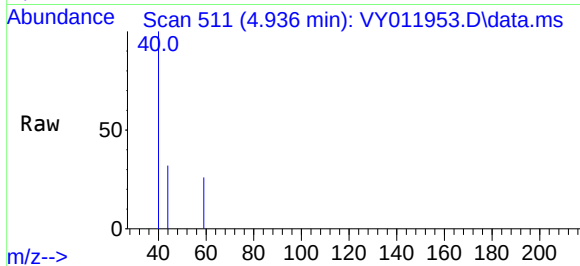
TT-210-IDWSO-20221215

Tgt Ion: 59 Resp: 110

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 5.692 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY011953.D

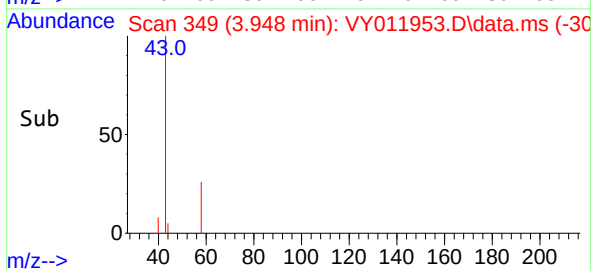
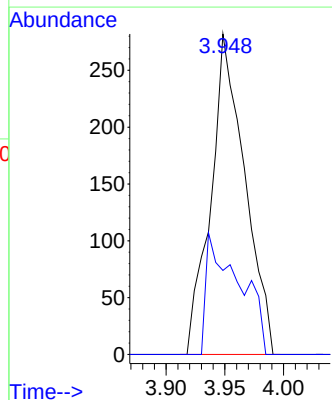
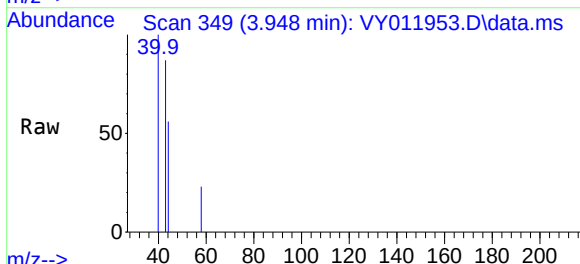
Acq: 21 Dec 2022 17:44

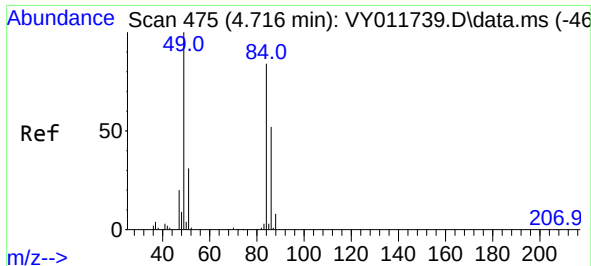
Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

43 100

58 26.2 27.9 41.9#



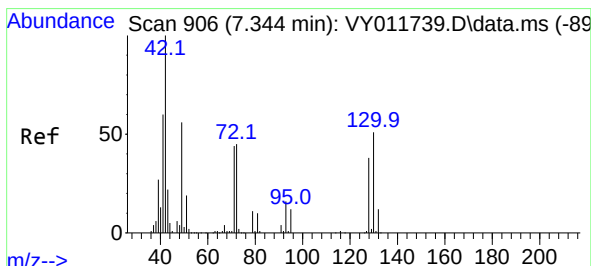
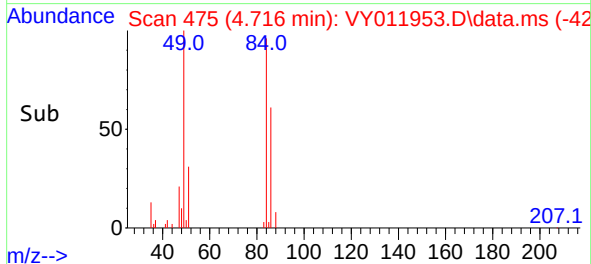
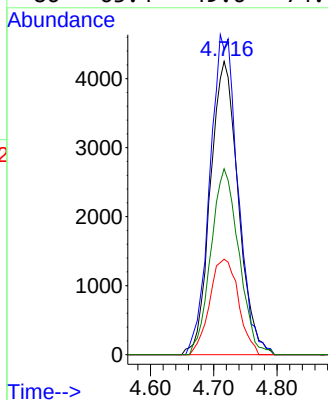
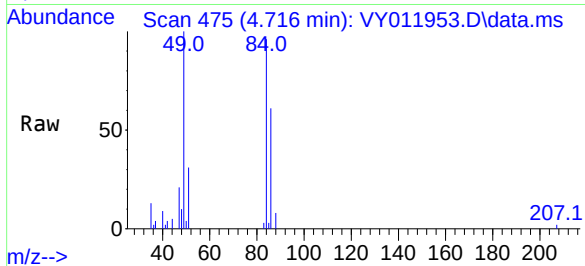


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-210-IDWSO-20221215

Tgt Ion: 84 Resp: 13005

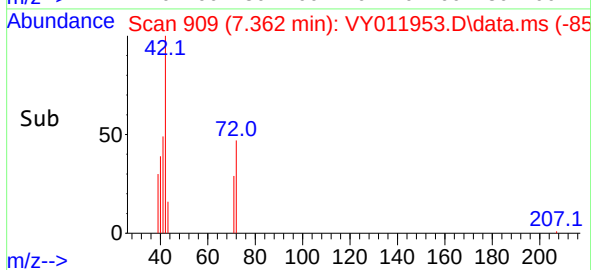
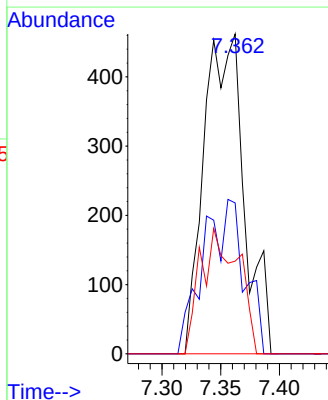
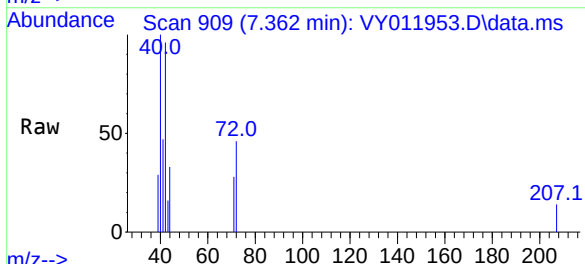
Ion	Ratio	Lower	Upper
84	100		
49	104.1	95.4	143.2
51	32.6	29.9	44.9
86	63.4	49.6	74.4

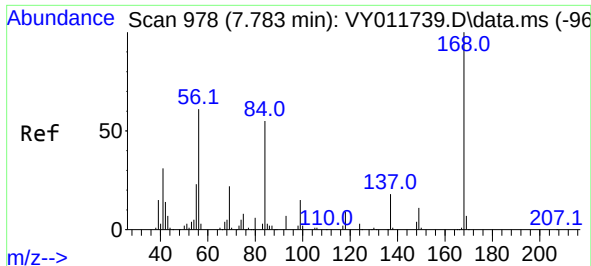


#29
Tetrahydrofuran
Concen: 2.557 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Tgt Ion: 42 Resp: 1101

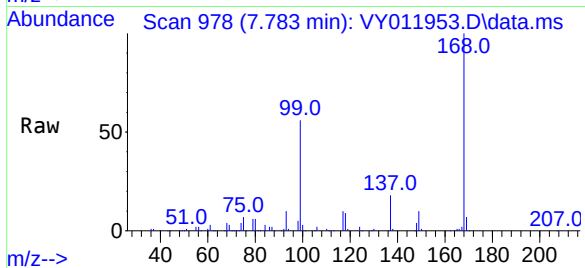
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.6#
71	0.0	34.9	52.3#



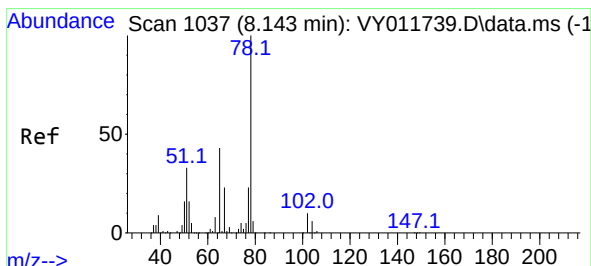
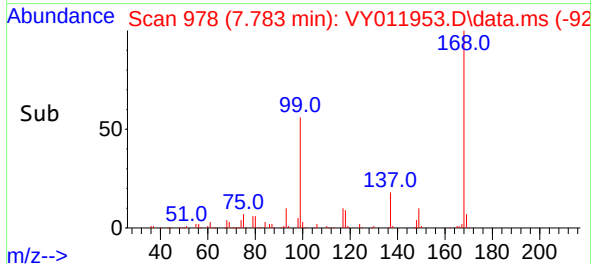
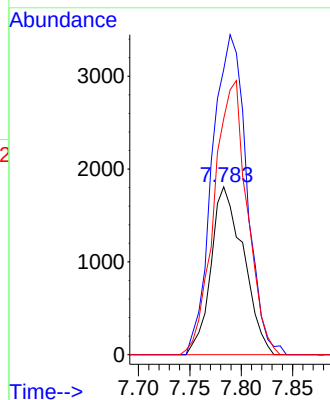


#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-210-IDWSO-20221215

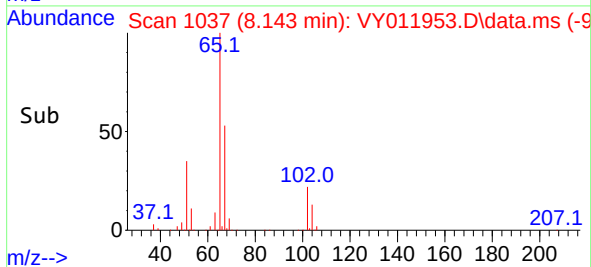
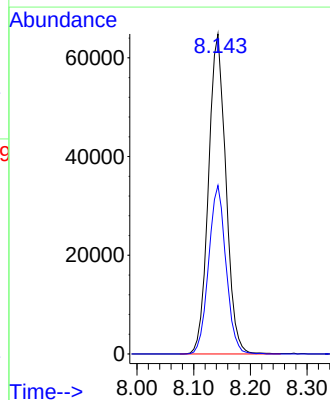
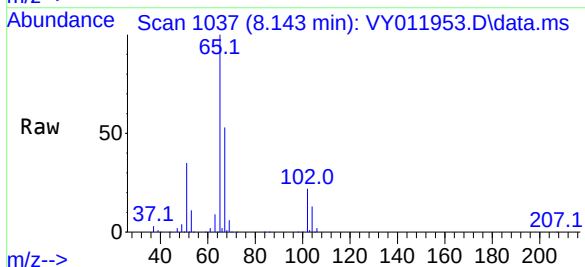


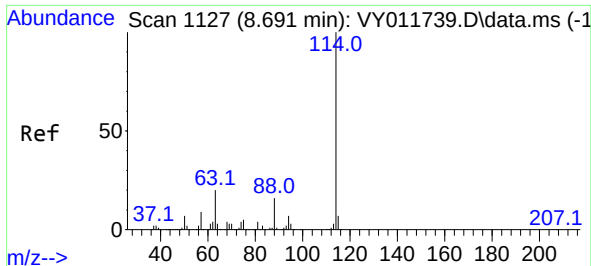
Tgt Ion: 56 Resp: 3976
Ion Ratio Lower Upper
56 100
69 169.9 29.2 43.8#
84 140.6 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 60.586 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Tgt Ion: 65 Resp: 138224
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011953.D

Acq: 21 Dec 2022 17:44

Instrument :

MSVOA_Y

ClientSampleId :

TT-210-IDWSO-20221215

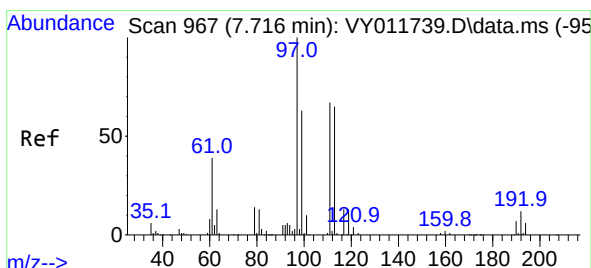
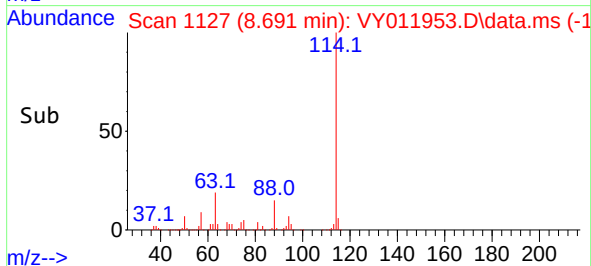
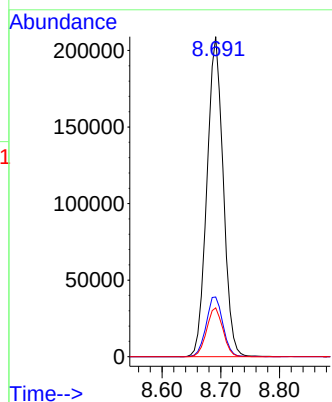
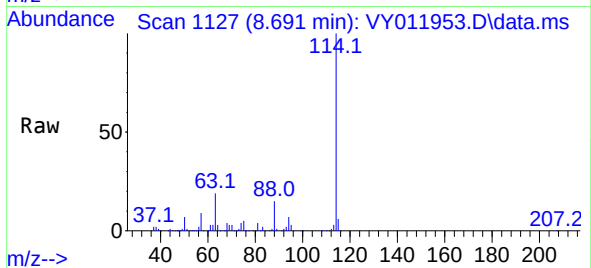
Tgt Ion:114 Resp: 401212

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.644 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011953.D

Acq: 21 Dec 2022 17:44

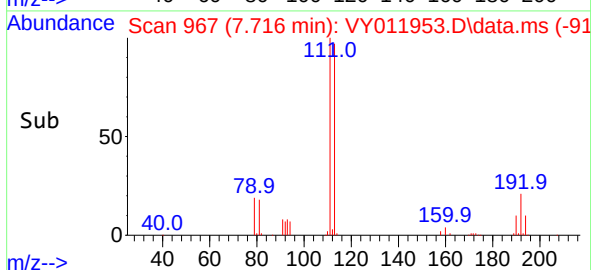
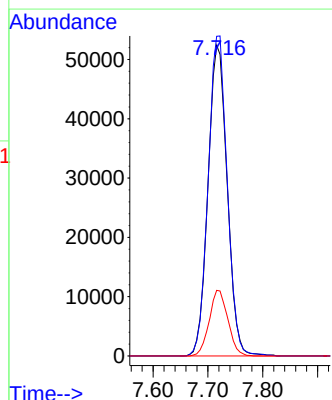
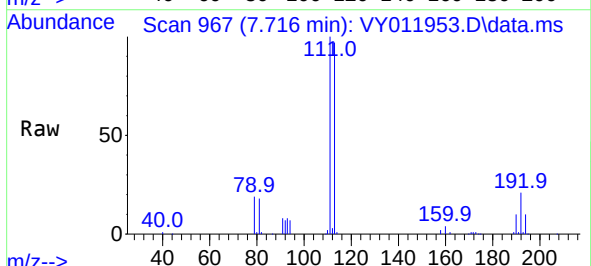
Tgt Ion:113 Resp: 127158

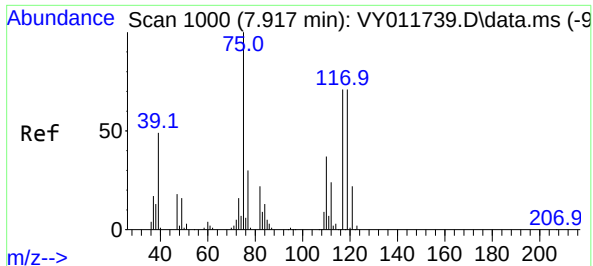
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 20.5 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.157 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011953.D

Acq: 21 Dec 2022 17:44

Instrument :

MSVOA_Y

ClientSampleId :

TT-210-IDWSO-20221215

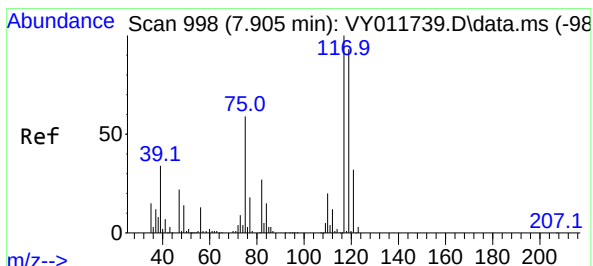
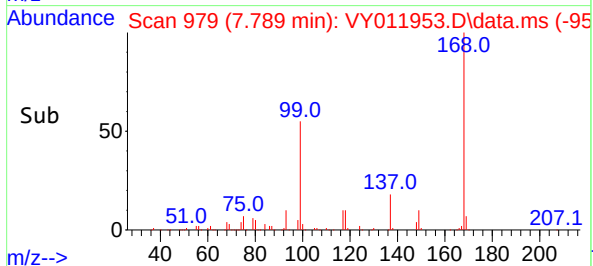
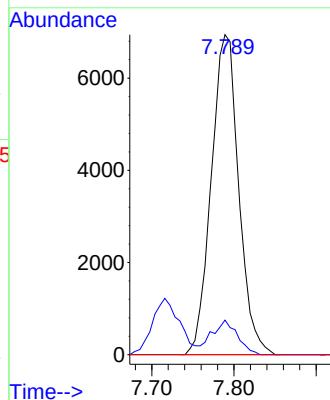
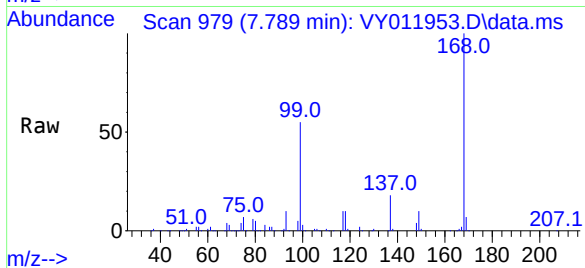
Tgt Ion: 75 Resp: 16105

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.014 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011953.D

Acq: 21 Dec 2022 17:44

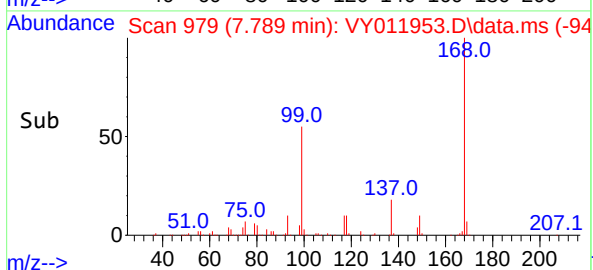
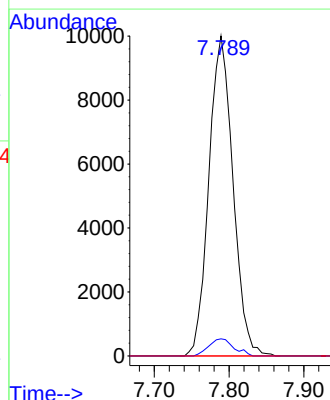
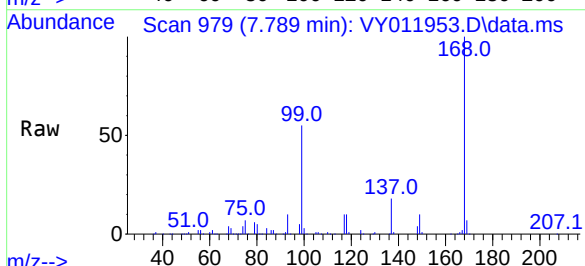
Tgt Ion: 117 Resp: 22437

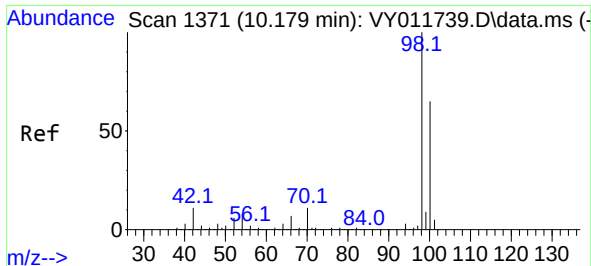
Ion Ratio Lower Upper

117 100

119 5.3 73.8 110.8#

121 0.0 25.2 37.8#

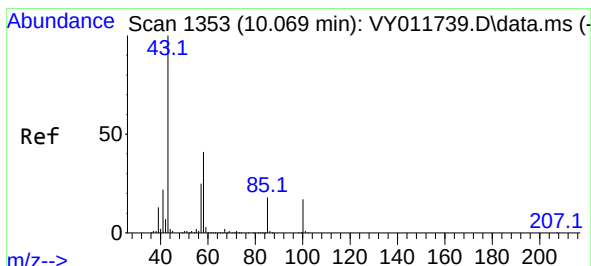
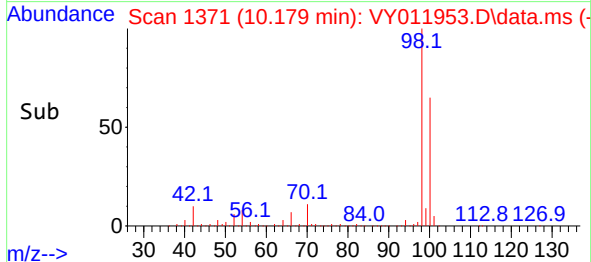
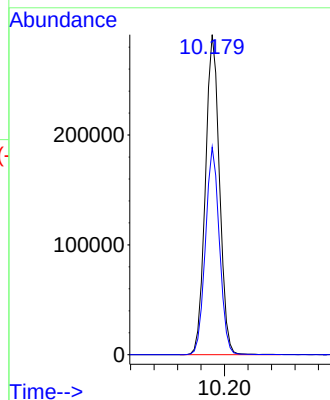
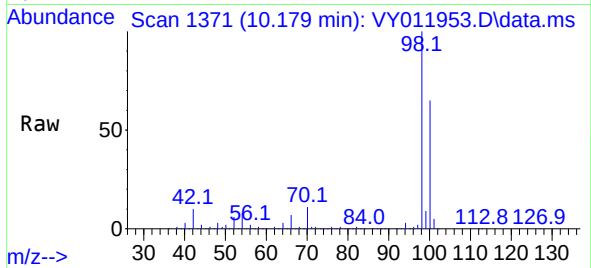




#50
Toluene-d8
Concen: 49.437 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

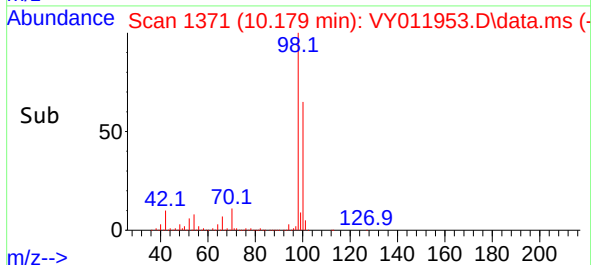
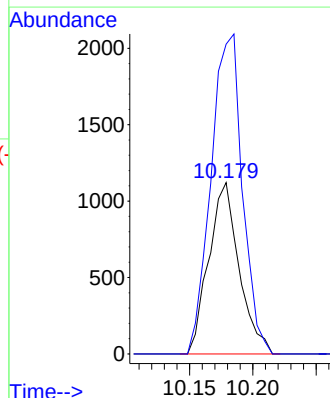
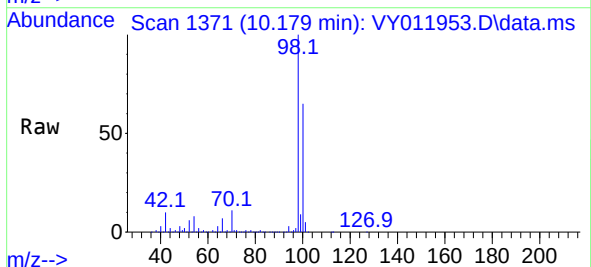
Instrument : MSVOA_Y
ClientSampleId : TT-210-IDWSO-20221215

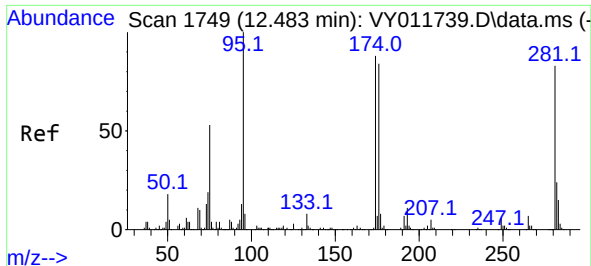
Tgt Ion: 98 Resp: 484478
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
58 193.1 32.9 49.3#

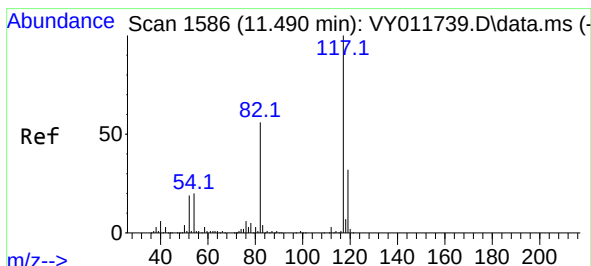
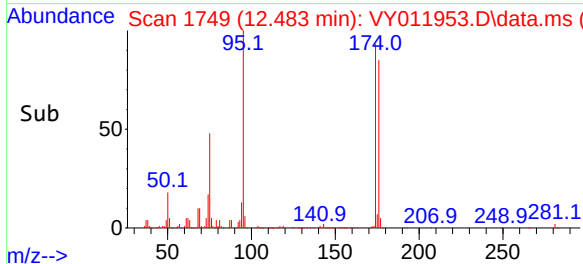
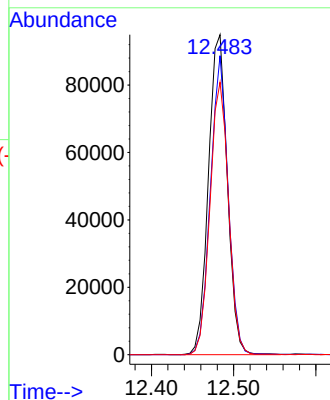
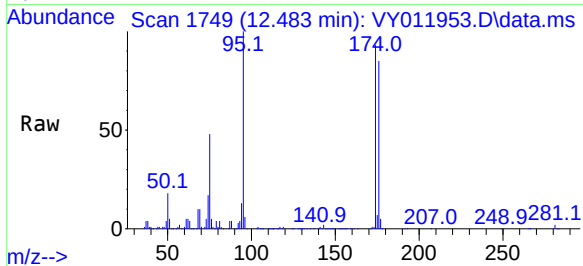




#62
4-Bromofluorobenzene
Concen: 45.984 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

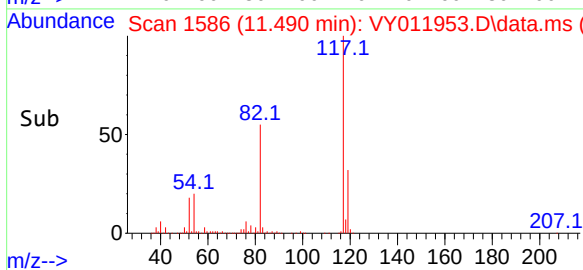
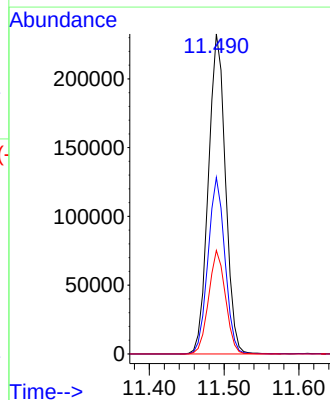
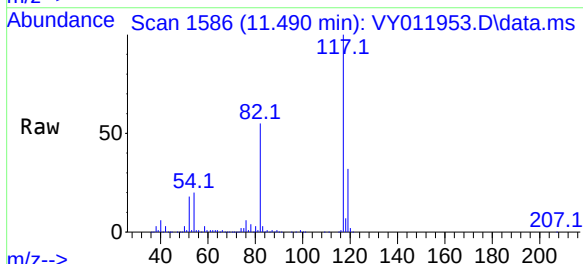
Instrument :
MSVOA_Y
ClientSampleId :
TT-210-IDWSO-20221215

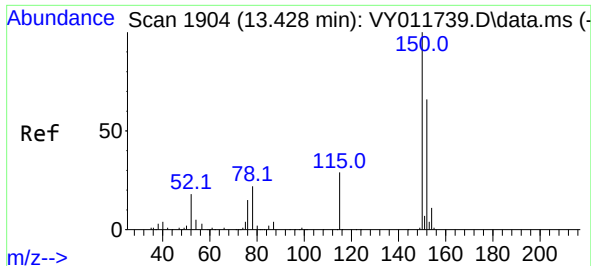
Tgt Ion: 95 Resp: 151560
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.0
176 83.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Tgt Ion: 117 Resp: 369417
Ion Ratio Lower Upper
117 100
82 55.2 44.8 67.2
119 32.3 25.4 38.2

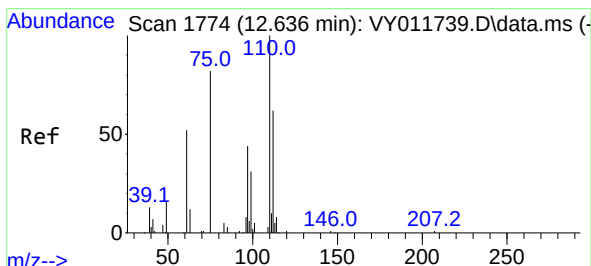
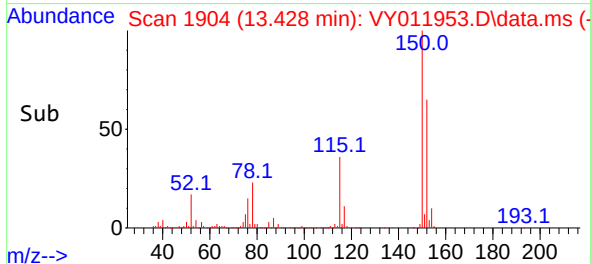
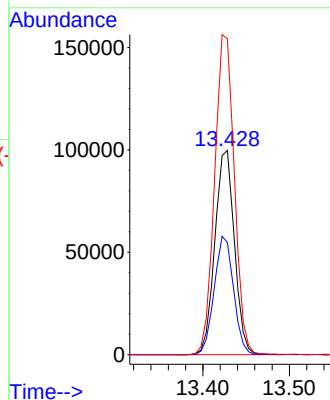
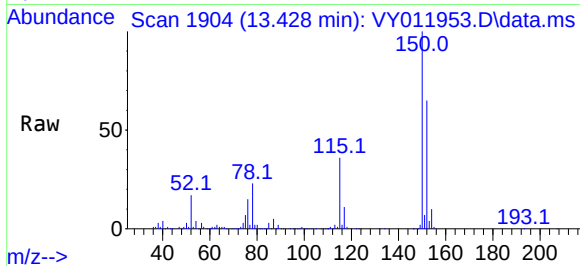




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

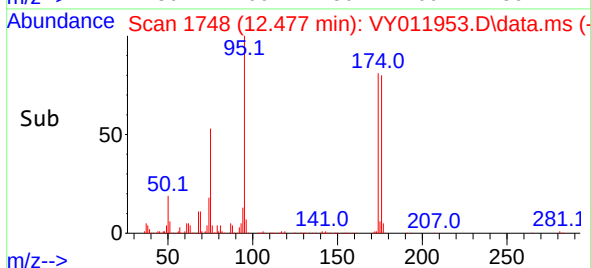
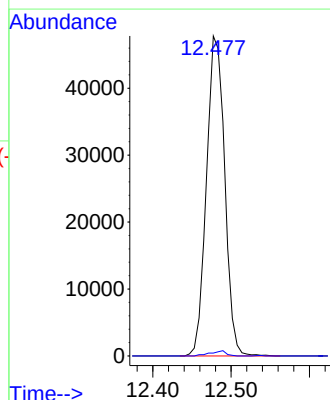
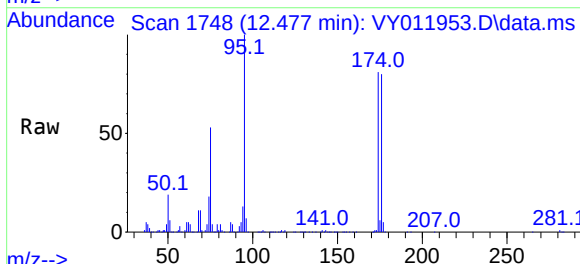
Instrument :
MSVOA_Y
ClientSampleId :
TT-210-IDWSO-20221215

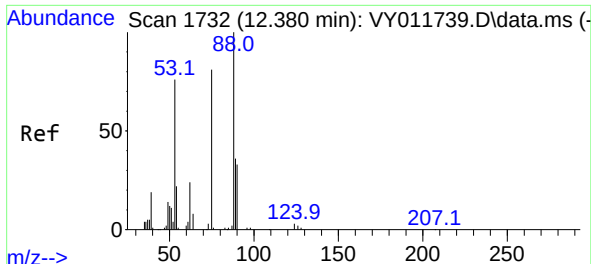
Tgt Ion:152 Resp: 156742
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 158.1 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 39.615 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Tgt Ion: 75 Resp: 77265
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

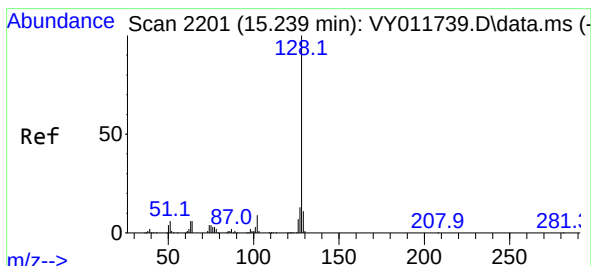
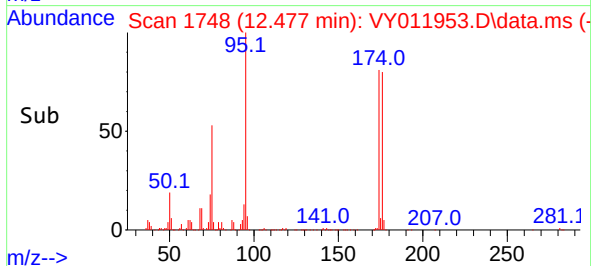
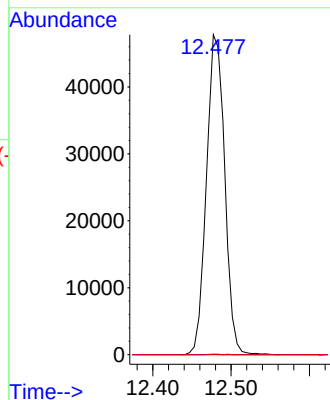
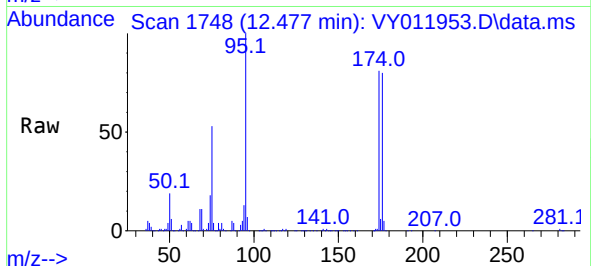




#81
trans-1,4-Dichloro-2-butene
Concen: 108.486 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-210-IDWSO-20221215

Tgt Ion: 75 Resp: 77265
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.046 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011953.D
Acq: 21 Dec 2022 17:44

Tgt Ion:128 Resp: 1638
Ion Ratio Lower Upper
128 100
127 9.0 10.2 15.2#
129 11.0 8.8 13.2

