

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007987.D
 Acq On : 22 Mar 2022 05:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 22 06:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

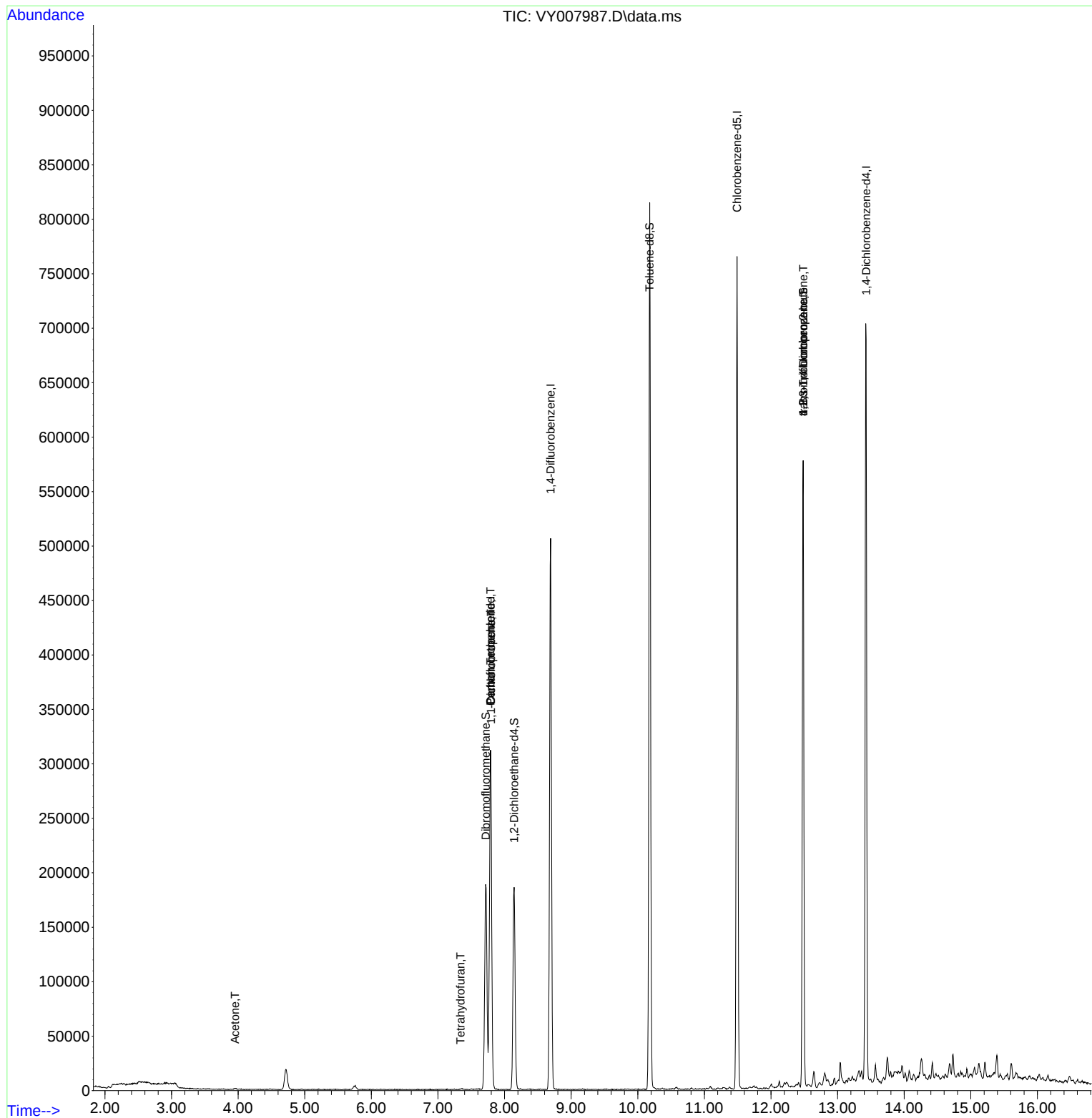
Internal Standards						
1) Pentafluorobenzene	7.789	168	231421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	433125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	405372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	142686	54.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.160%	
35) Dibromofluoromethane	7.716	113	135791	44.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.280%	
50) Toluene-d8	10.179	98	534341	59.263	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.520%	
62) 4-Bromofluorobenzene	12.483	95	186473	42.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72	Below Cal	#	43
3) Chloromethane	2.113	50	992	Below Cal	#	77
4) Vinyl Chloride	2.260	62	241	Below Cal	#	43
5) Bromomethane	2.656	94	358	Below Cal	#	74
16) Acetone	3.954	43	1411	2.016	ug/l	99
18) Methyl Acetate	4.467	43	428	Below Cal	#	56
29) Tetrahydrofuran	7.338	42	768	1.069	ug/l	# 49
31) Cyclohexane	7.789	56	5471	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	19579	4.340	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	25014	5.189	ug/l	# 15
39) Methylcyclohexane	9.179	83	190	Below Cal	#	57
76) 1,2,3-Trichloropropane	12.483	75	97083	39.641	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	97083	83.261	ug/l	# 7

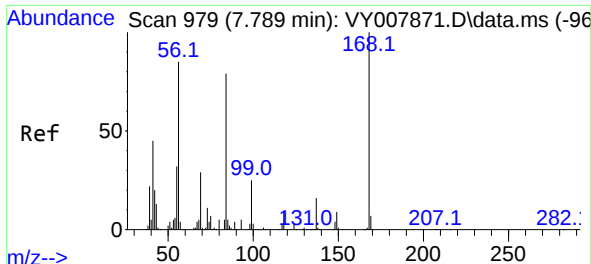
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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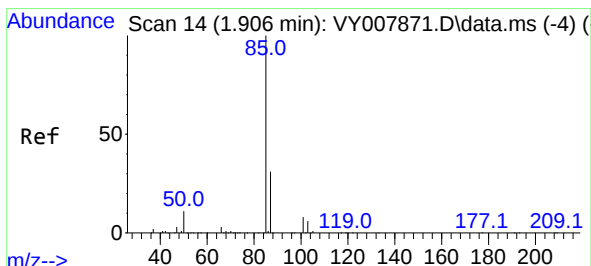
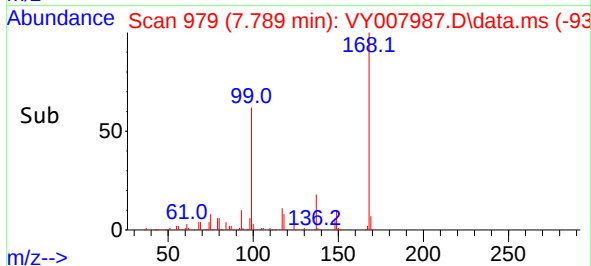
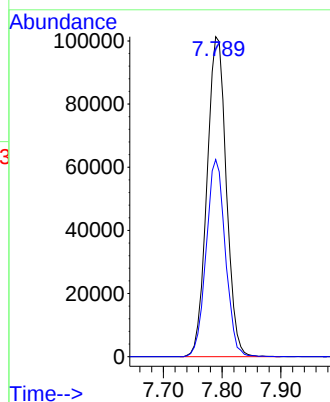
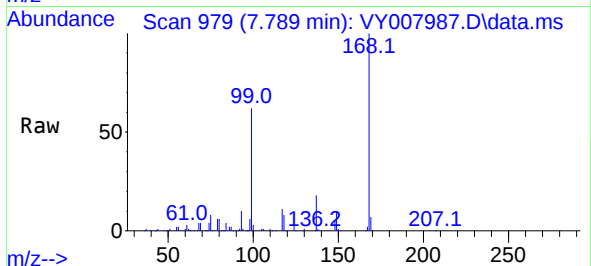




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

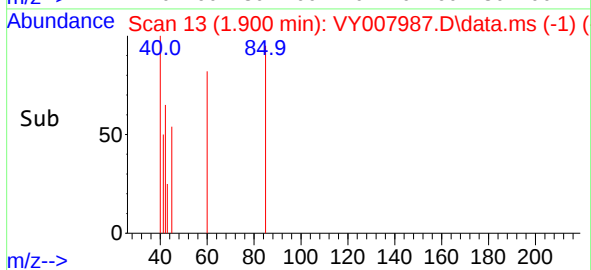
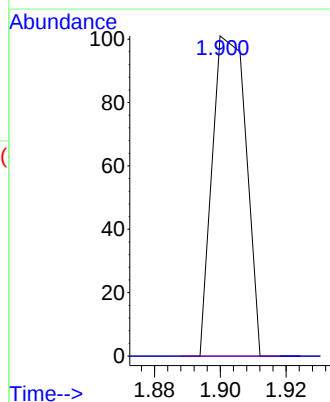
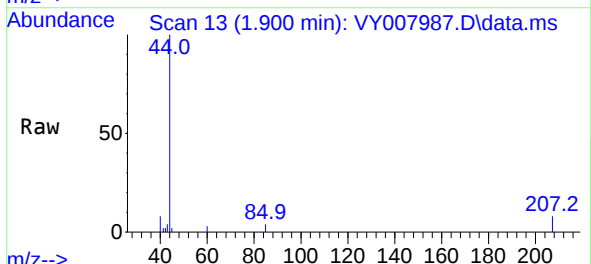
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

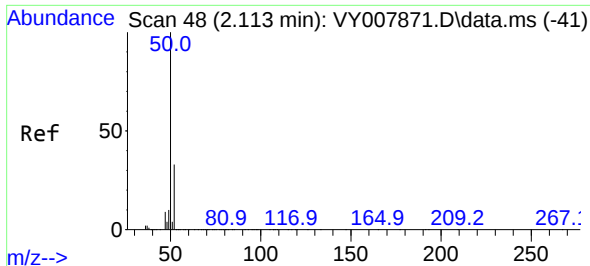
Tgt Ion:168 Resp: 231421
Ion Ratio Lower Upper
168 100
99 61.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 85 Resp: 72
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

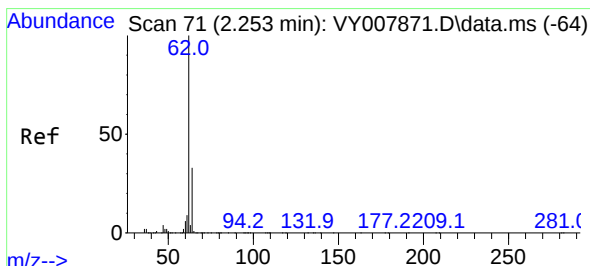
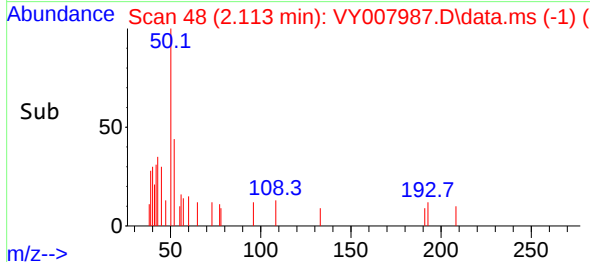
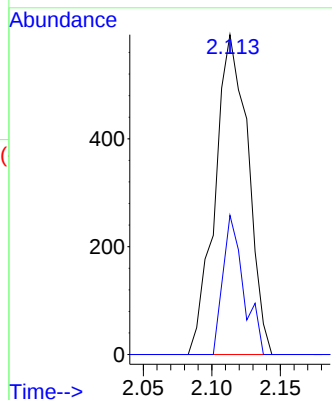
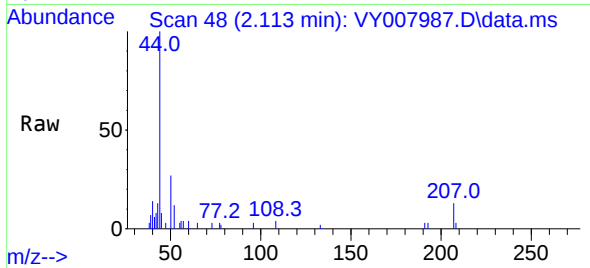




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

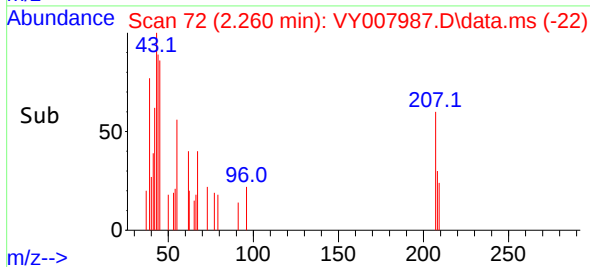
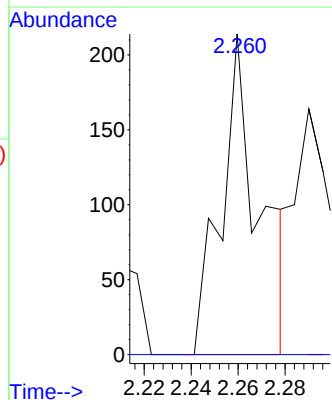
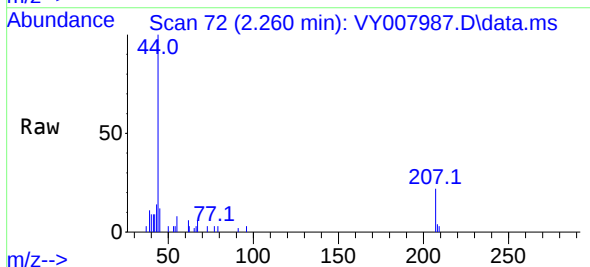
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

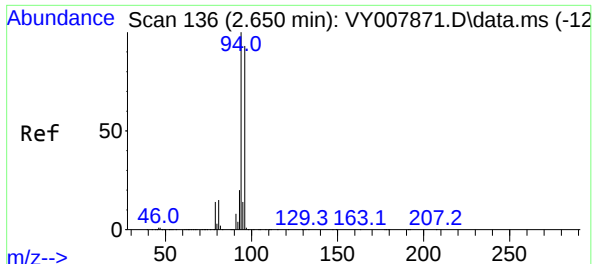
Tgt Ion: 50 Resp: 992
Ion Ratio Lower Upper
50 100
52 43.5 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 62 Resp: 241
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

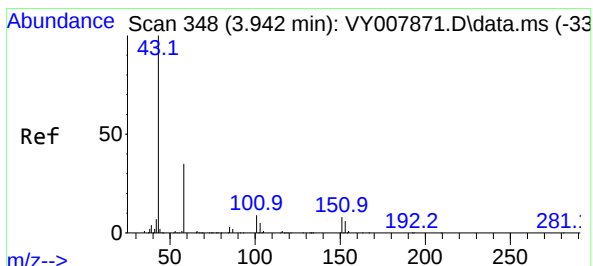
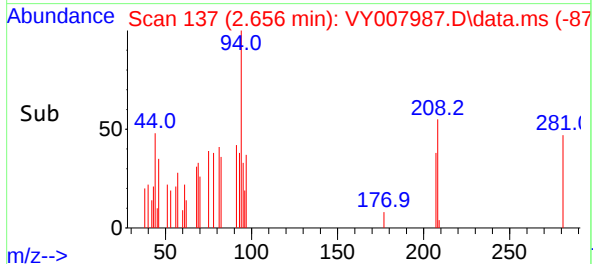
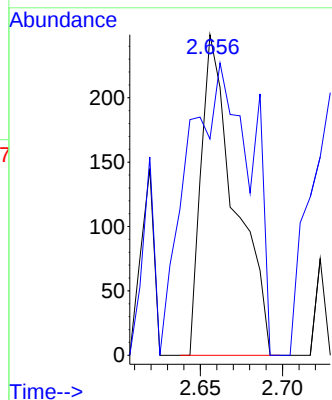
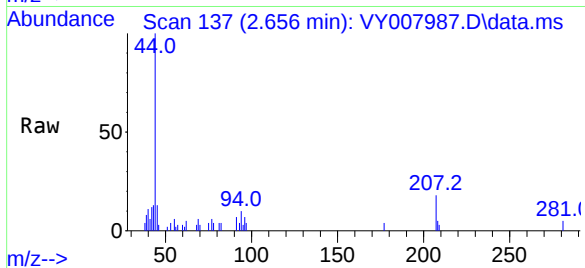




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

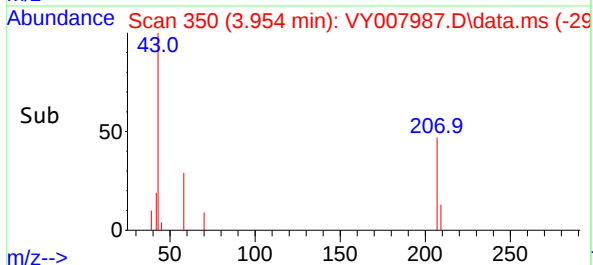
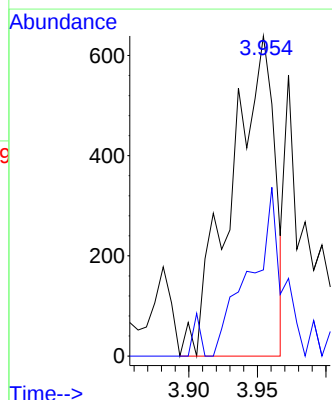
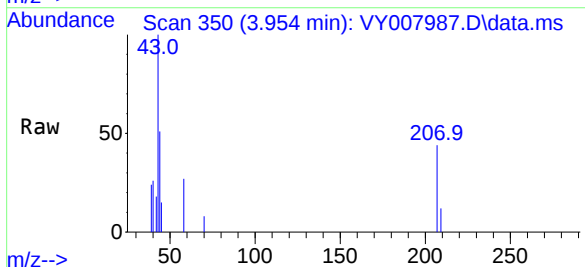
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

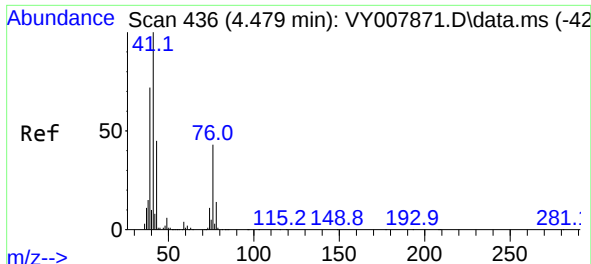
Tgt Ion: 94 Resp: 358
Ion Ratio Lower Upper
94 100
96 67.5 73.5 110.3#



#16
Acetone
Concen: 2.016 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
58 26.9 22.0 33.0

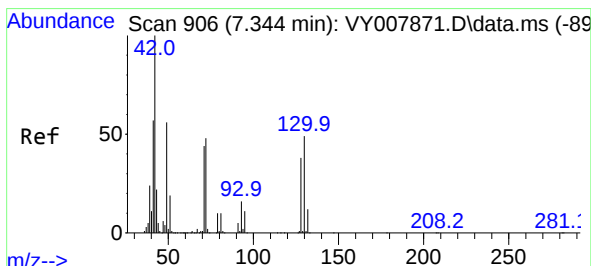
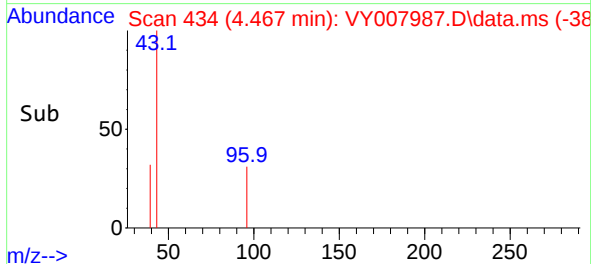
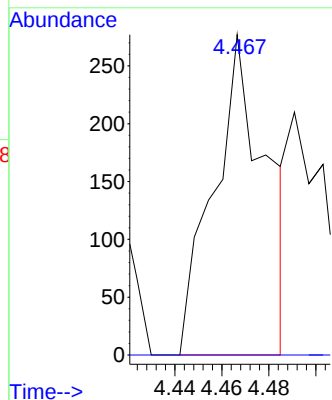
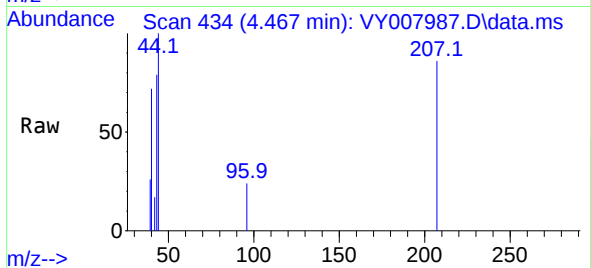




#18
Methyl Acetate
Concen: Below Cal
RT: 4.467 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

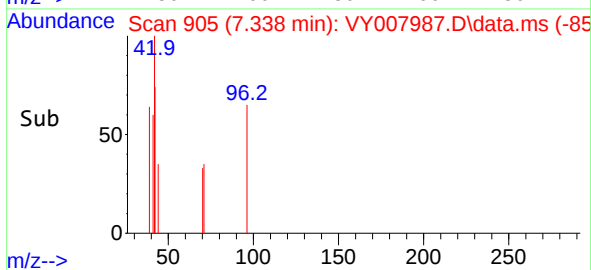
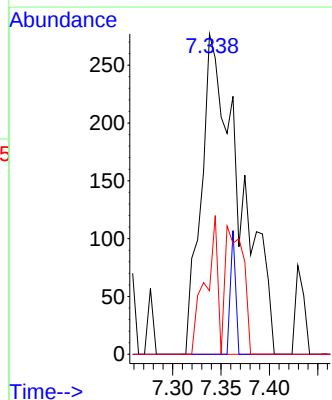
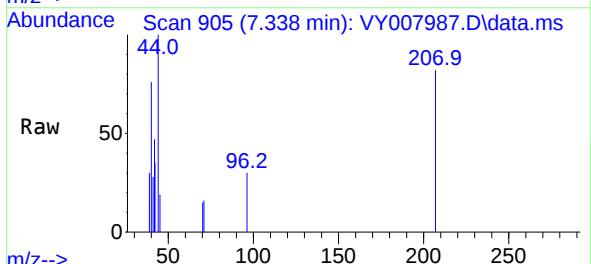
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

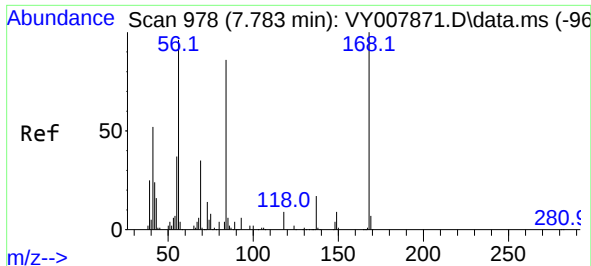
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#29
Tetrahydrofuran
Concen: 1.069 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 42 Resp: 768
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 13.7 29.0 43.4#

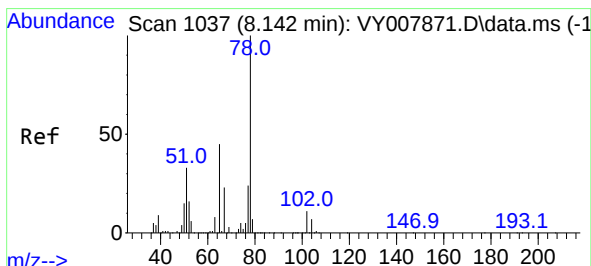
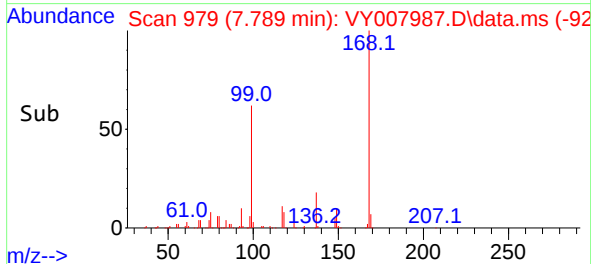
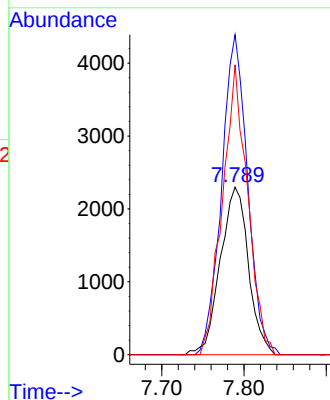
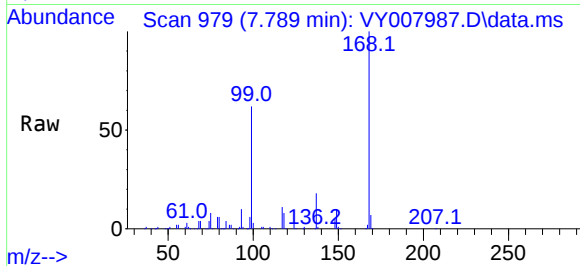




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

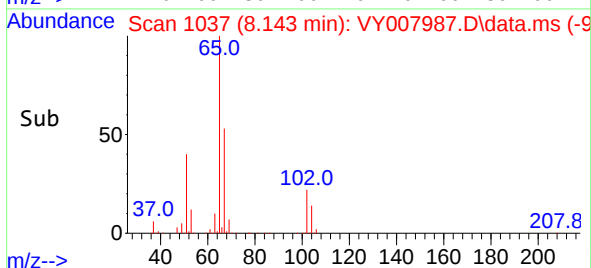
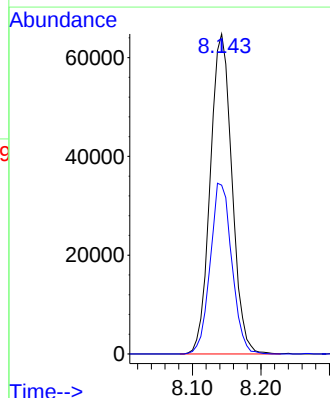
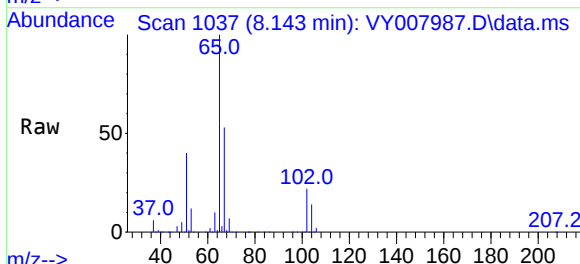
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

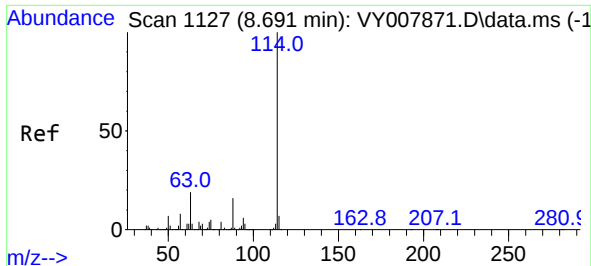
Tgt Ion: 56 Resp: 5471
Ion Ratio Lower Upper
56 100
69 191.1 26.7 40.1#
84 173.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.076 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 65 Resp: 142686
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007987.D

Acq: 22 Mar 2022 05:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

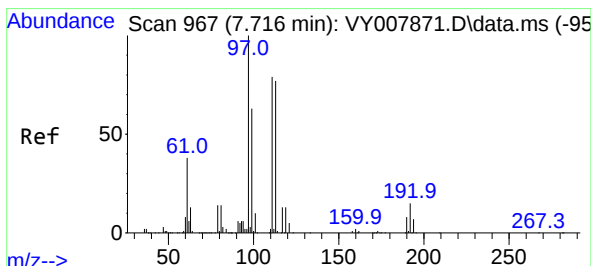
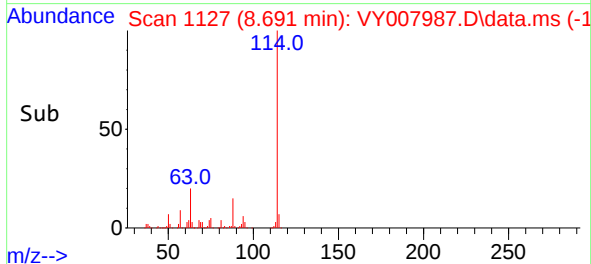
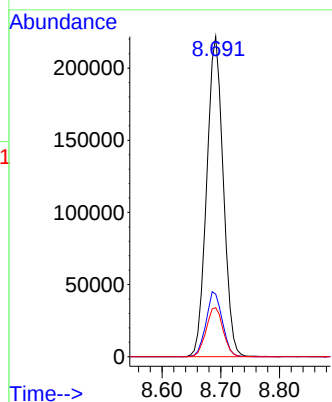
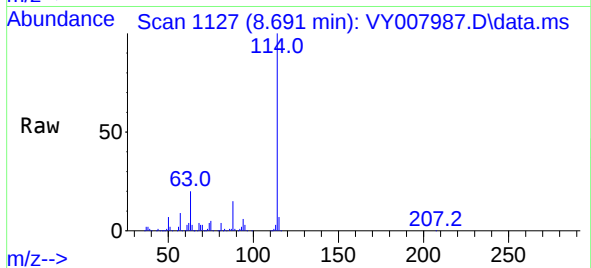
Tgt Ion:114 Resp: 433125

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.642 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY007987.D

Acq: 22 Mar 2022 05:24

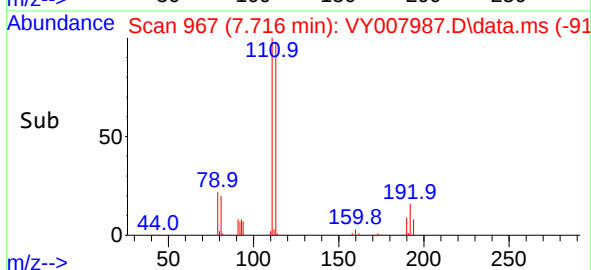
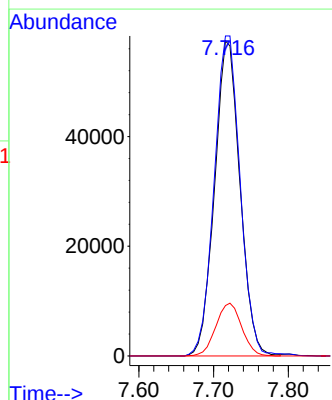
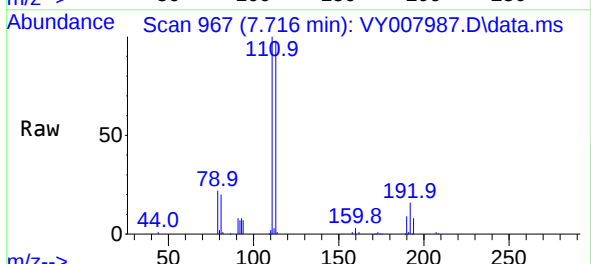
Tgt Ion:113 Resp: 135791

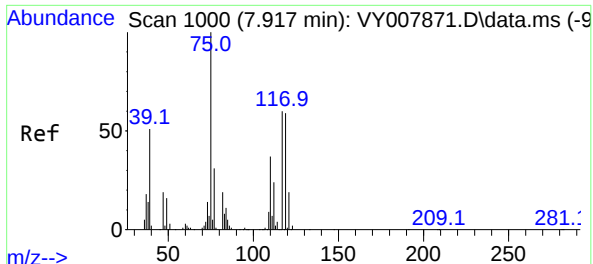
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.0 17.6 26.4#

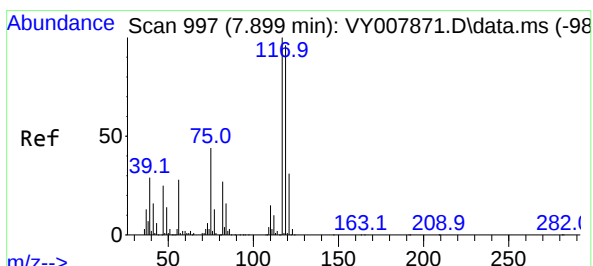
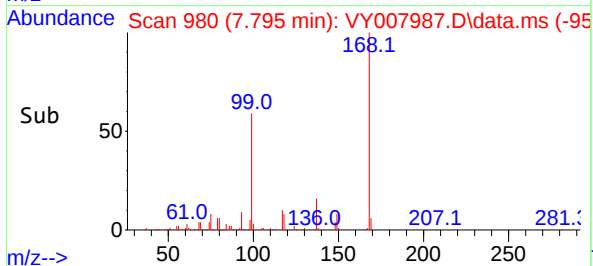
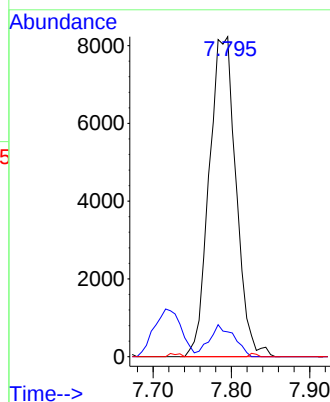
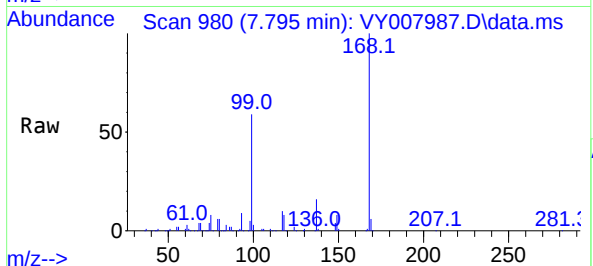




#36
1,1-Dichloropropene
Concen: 4.340 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.122 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

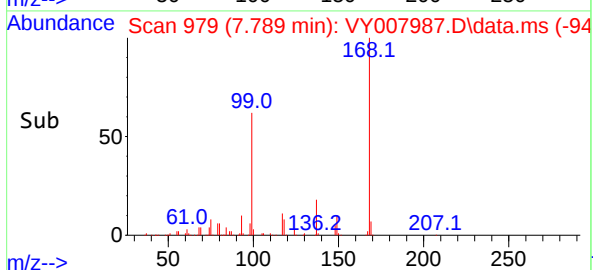
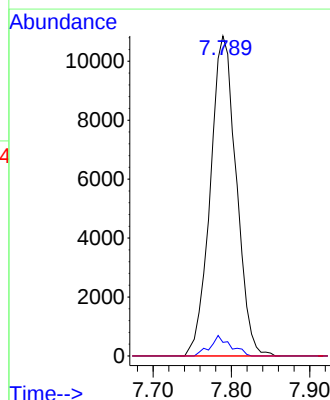
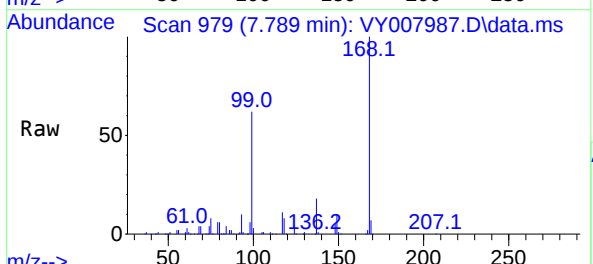
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

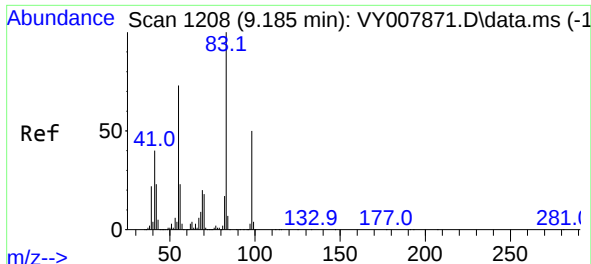
Tgt Ion: 75 Resp: 19579
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.189 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 117 Resp: 25014
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: Below Cal

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007987.D

Acq: 22 Mar 2022 05:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

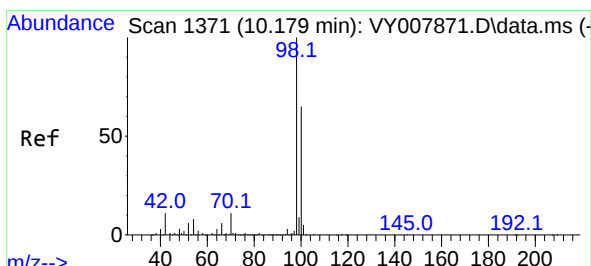
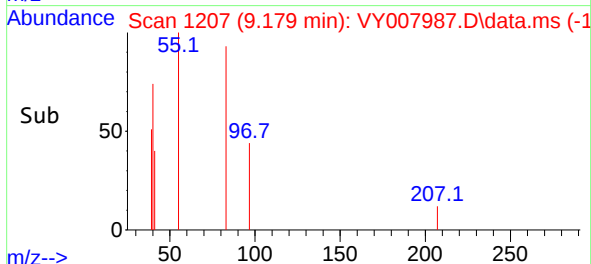
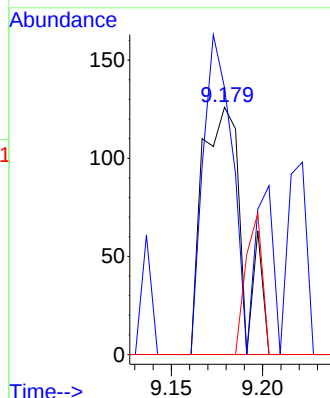
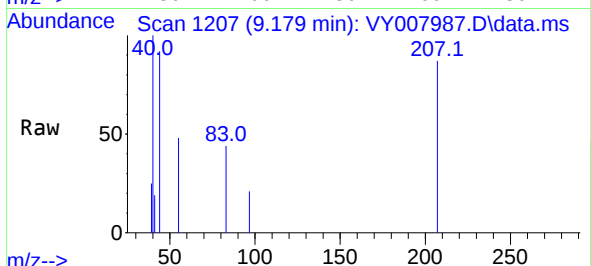
Tgt Ion: 83 Resp: 190

Ion Ratio Lower Upper

83 100

55 107.9 66.5 99.7#

98 0.0 37.9 56.9#



#50

Toluene-d8

Concen: 59.263 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007987.D

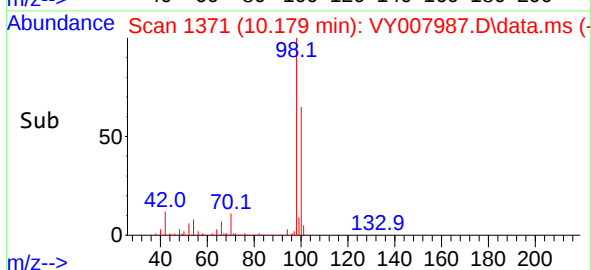
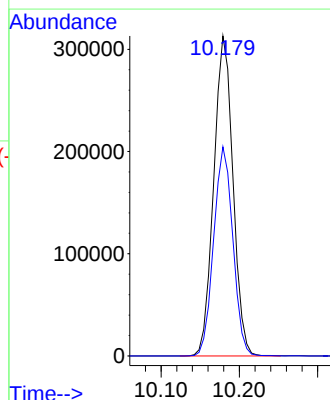
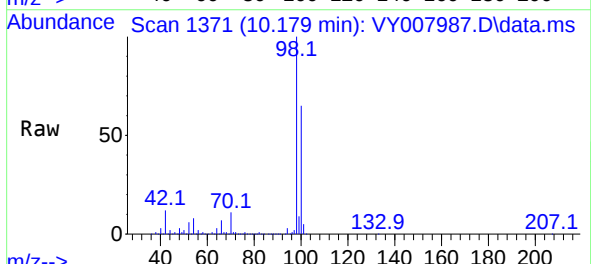
Acq: 22 Mar 2022 05:24

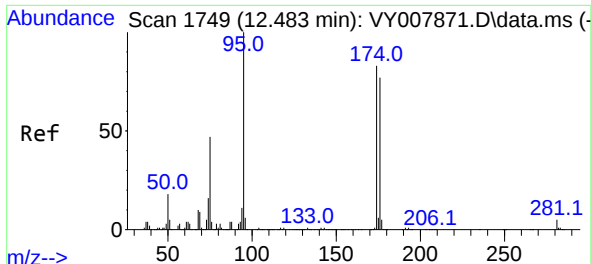
Tgt Ion: 98 Resp: 534341

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

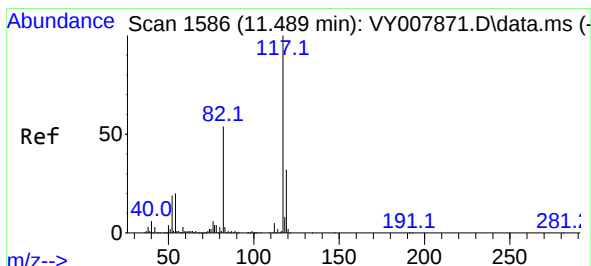
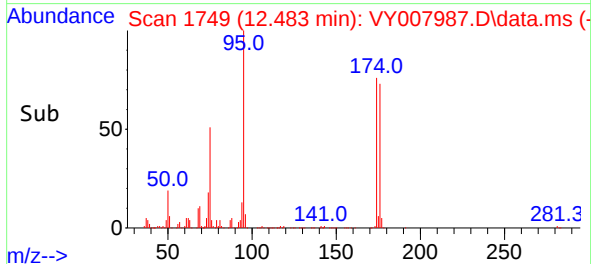
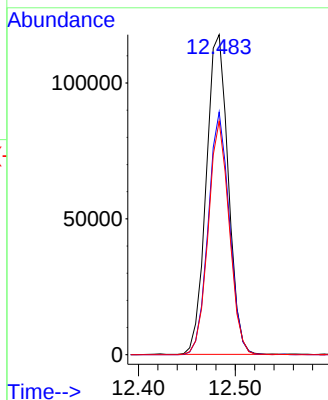
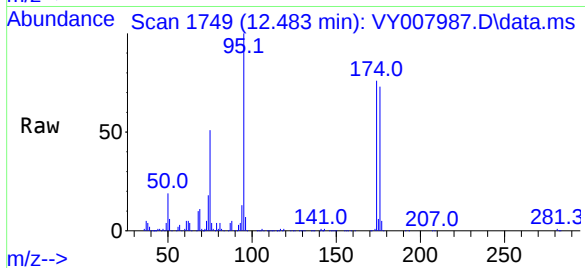




#62
4-Bromofluorobenzene
Concen: 42.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

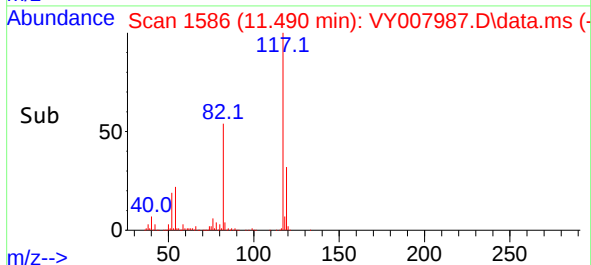
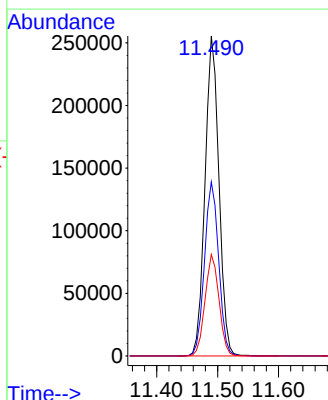
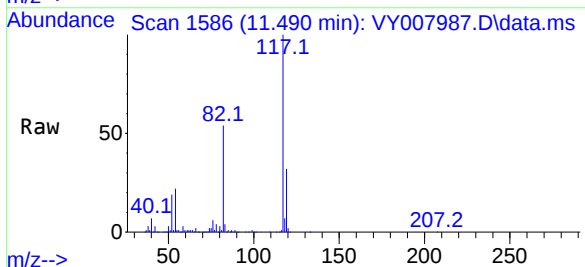
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

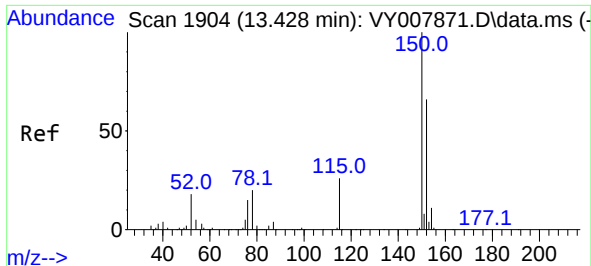
Tgt Ion: 95 Resp: 186473
Ion Ratio Lower Upper
95 100
174 72.7 0.0 177.0
176 69.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

Tgt Ion: 117 Resp: 405372
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.7 25.4 38.0

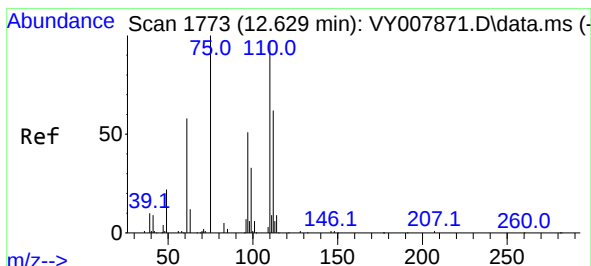
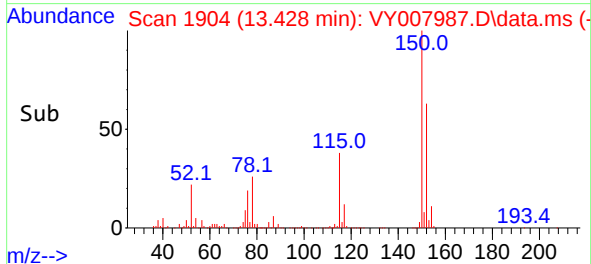
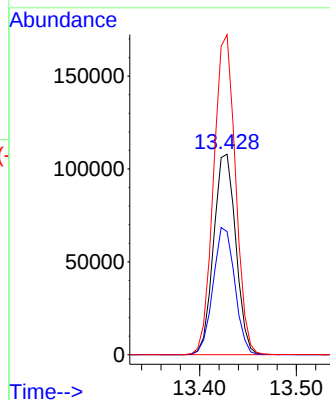
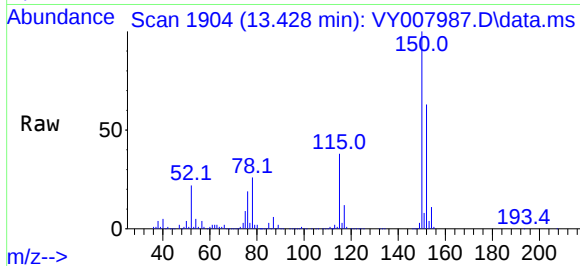




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

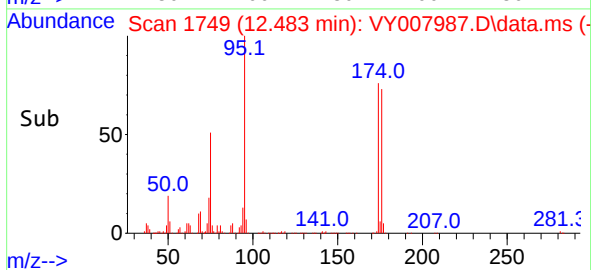
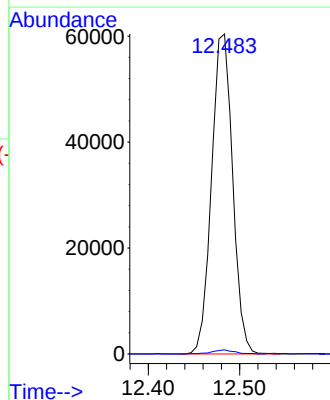
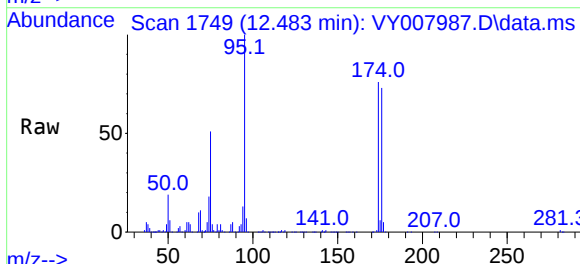
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

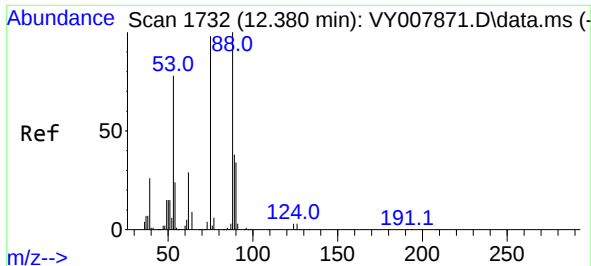
Tgt Ion:152 Resp: 171825
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 157.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 39.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007987.D
Acq: 22 Mar 2022 05:24

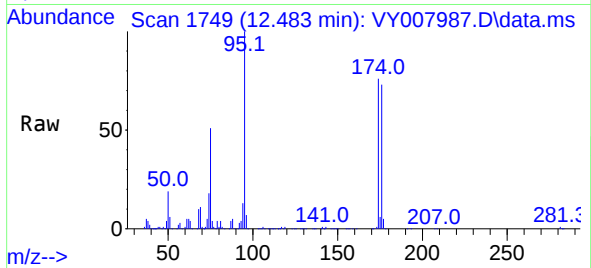
Tgt Ion: 75 Resp: 97083
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.261 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007987.D
 Acq: 22 Mar 2022 05:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion: 75 Resp: 97083
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

