

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008071.D
 Acq On : 28 Mar 2022 17:51
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 29 02:28:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

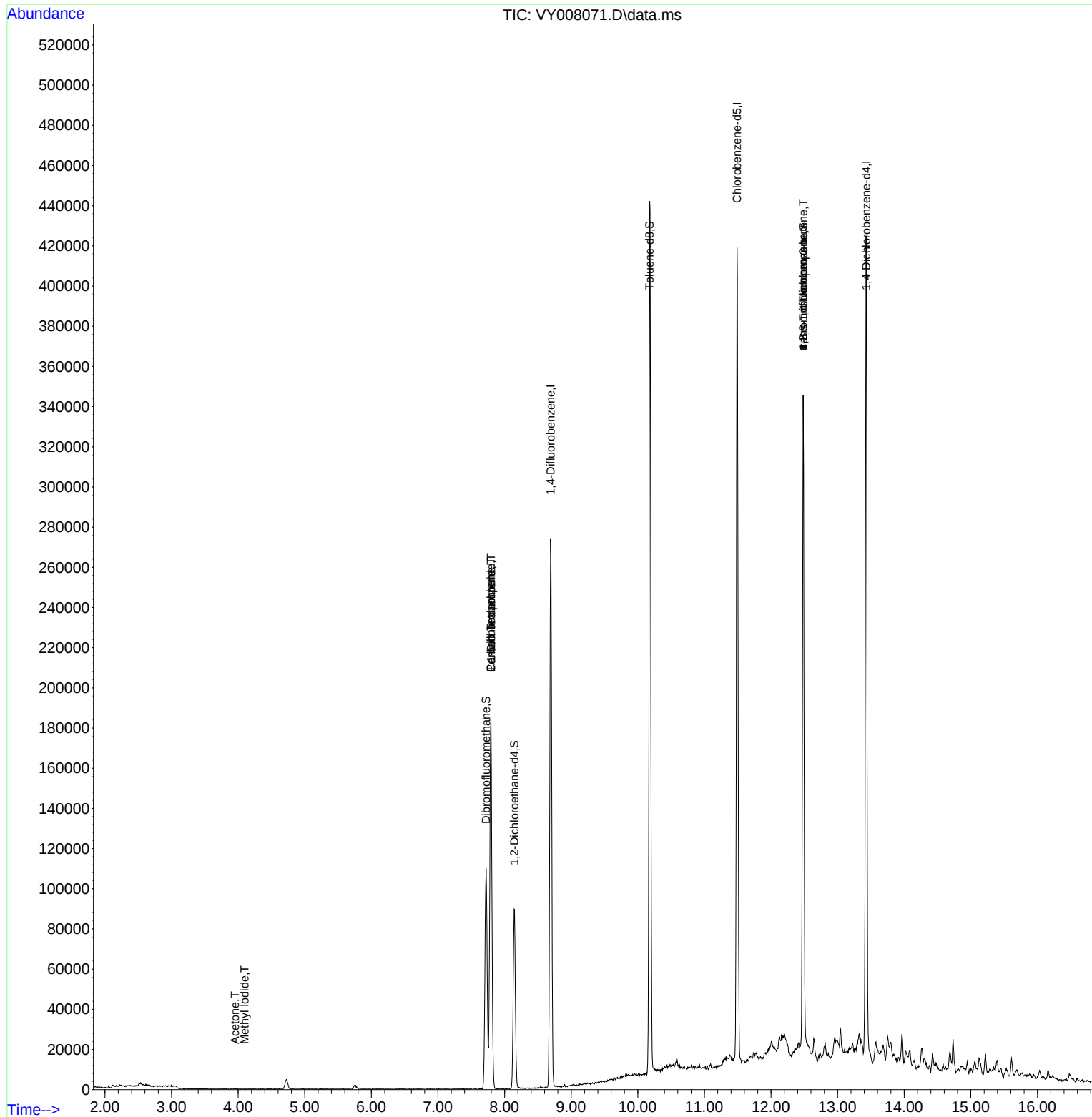
Internal Standards						
1) Pentafluorobenzene	7.795	168	148868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68825	46.080	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.160%
35) Dibromofluoromethane	7.722	113	79088	49.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.179	98	301604	49.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.483	95	104611	48.952	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.900%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	38	1.716	ug/l #	35
16) Acetone	3.954	43	551	1.614	ug/l #	47
18) Methyl Acetate	4.491	43	45	Below Cal	#	56
20) Methylene Chloride	4.729	84	4121	Below Cal	#	69
36) 1,1-Dichloropropene	7.795	75	10187	4.034	ug/l #	53
38) Carbon Tetrachloride	7.795	117	14758	5.362	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51112	39.380	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51112	87.863	ug/l #	8

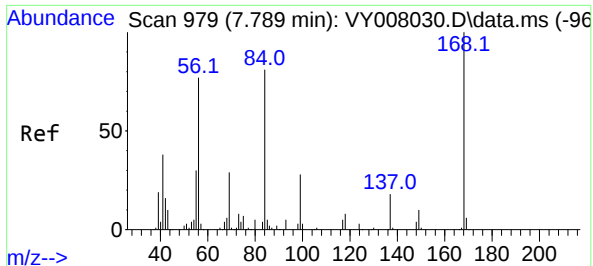
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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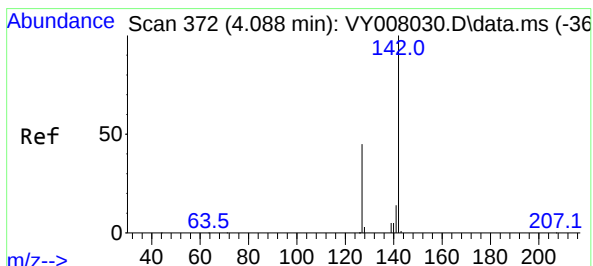
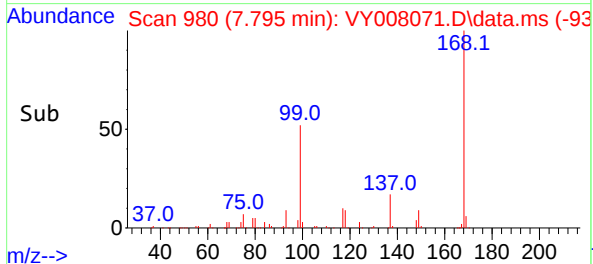
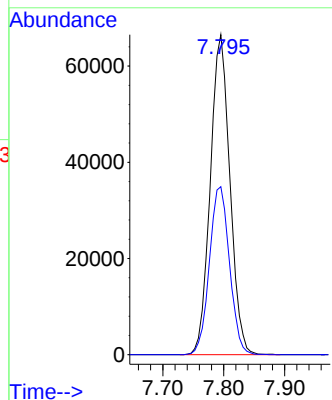
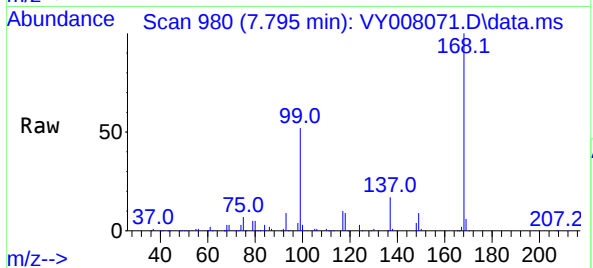




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

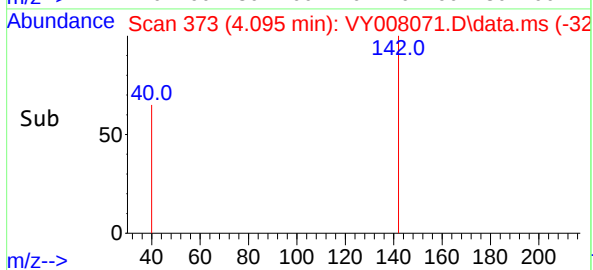
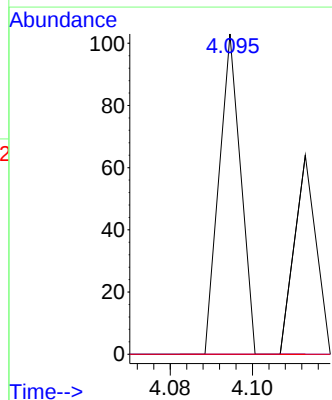
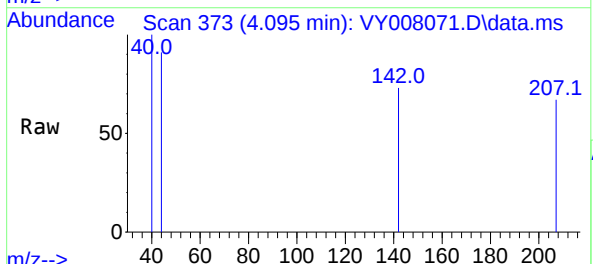
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

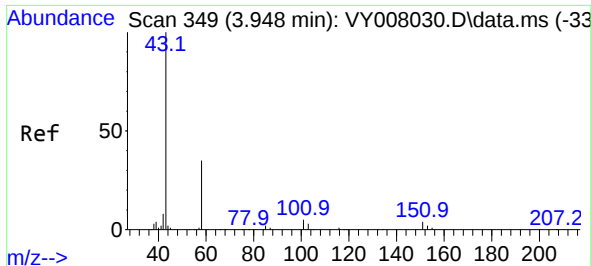
Tgt Ion:168 Resp: 148868
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#10
Methyl Iodide
Concen: 1.716 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

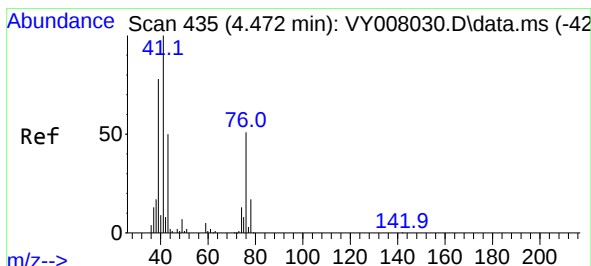
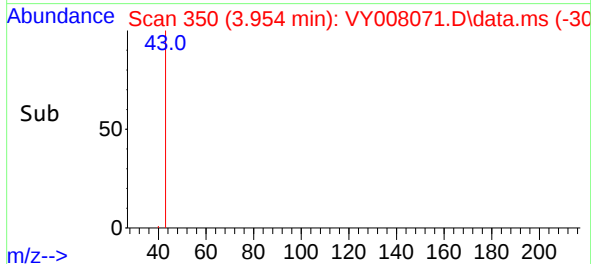
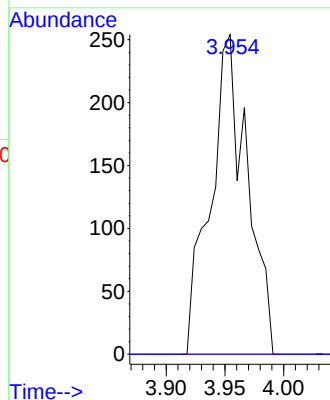
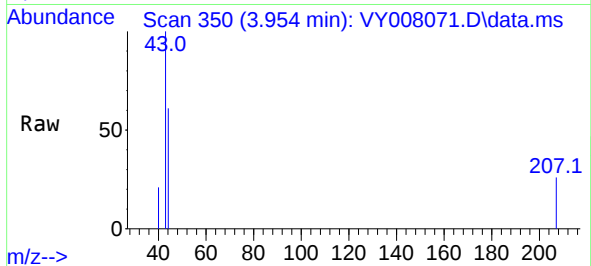




#16
Acetone
Concen: 1.614 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

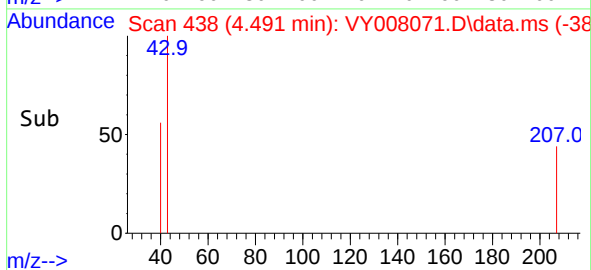
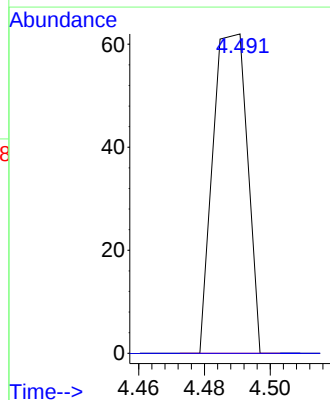
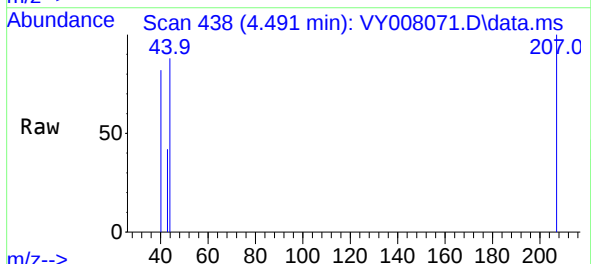
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

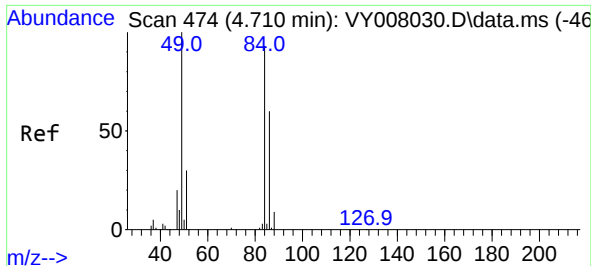
Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

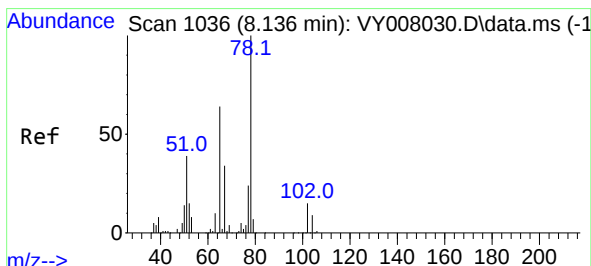
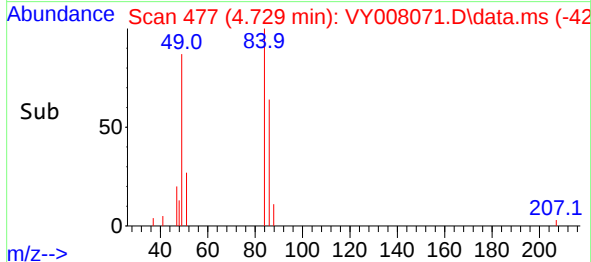
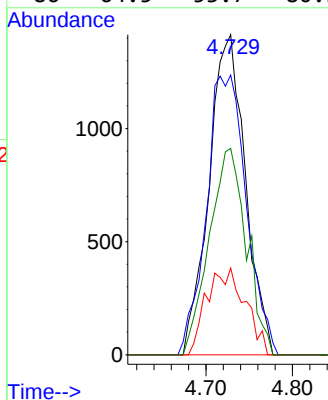
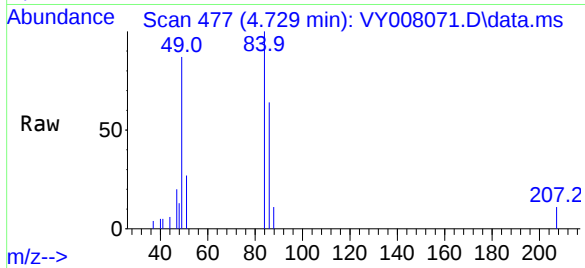




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

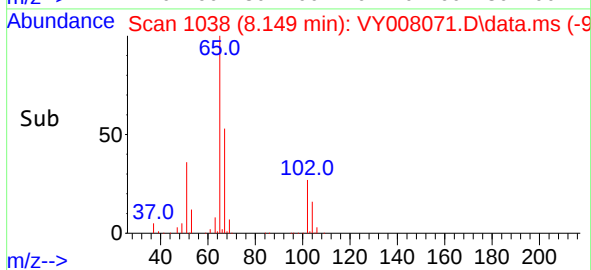
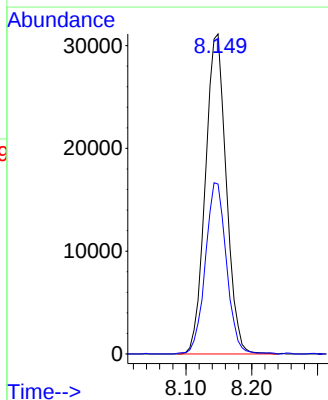
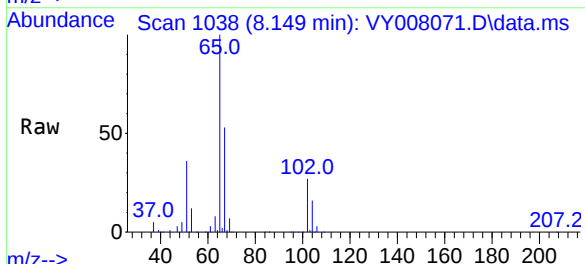
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

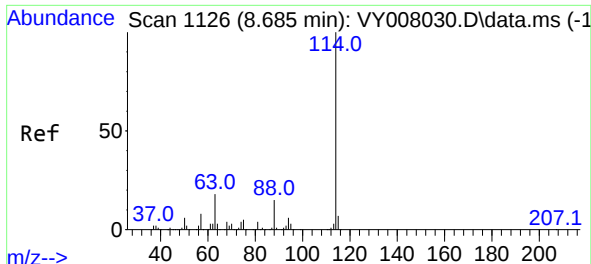
Tgt Ion: 84 Resp: 4121
Ion Ratio Lower Upper
84 100
49 87.4 114.4 171.6#
51 27.1 35.3 52.9#
86 64.5 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 46.080 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

Tgt Ion: 65 Resp: 68825
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008071.D

Acq: 28 Mar 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

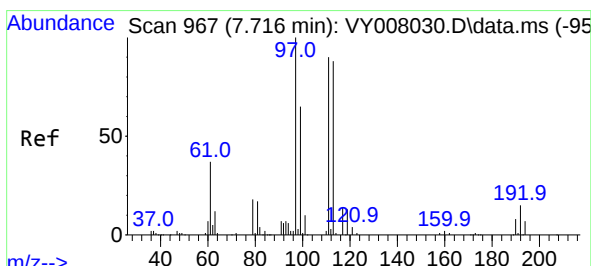
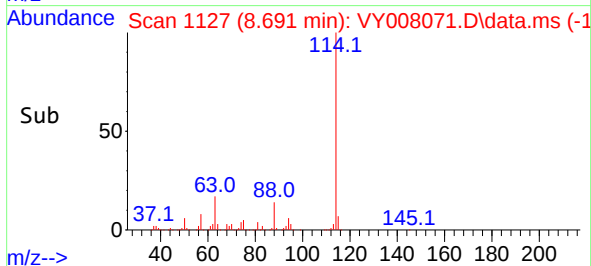
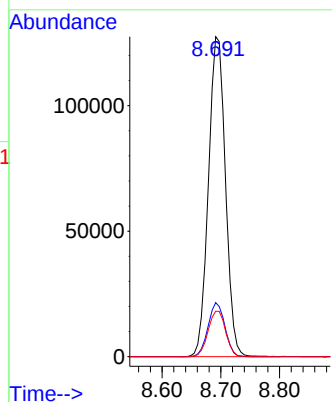
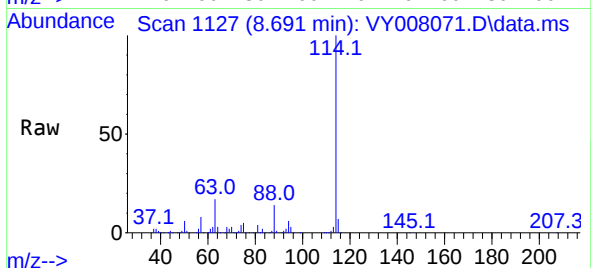
Tgt Ion:114 Resp: 256433

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.191 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008071.D

Acq: 28 Mar 2022 17:51

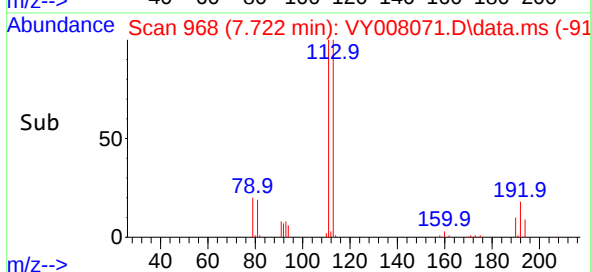
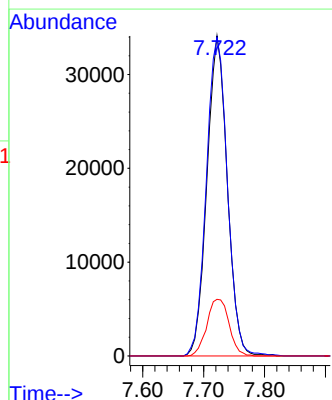
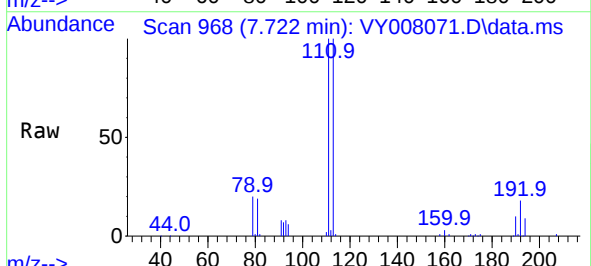
Tgt Ion:113 Resp: 79088

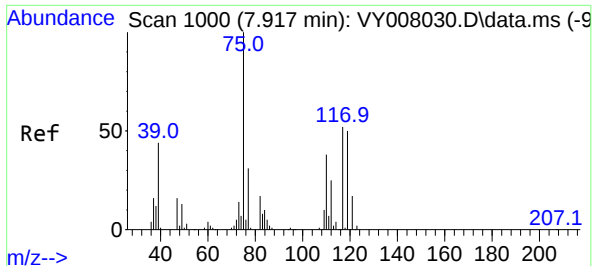
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.3 17.6 26.4

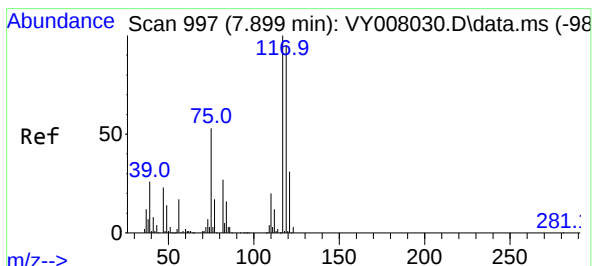
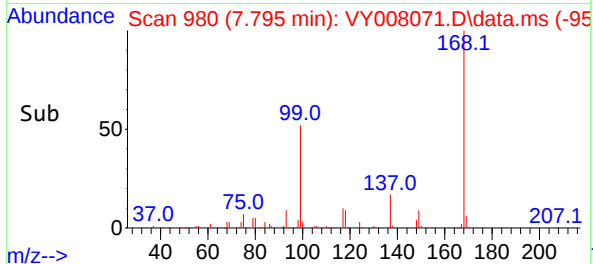
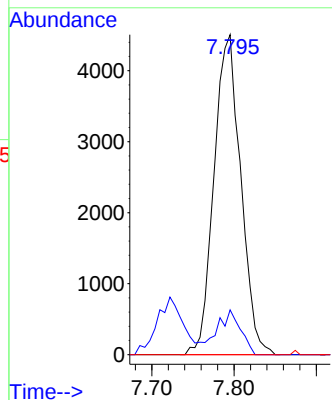
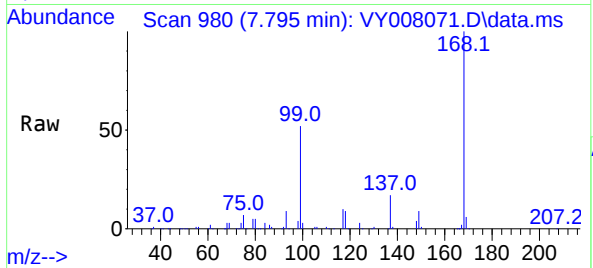




#36
1,1-Dichloropropene
Concen: 4.034 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

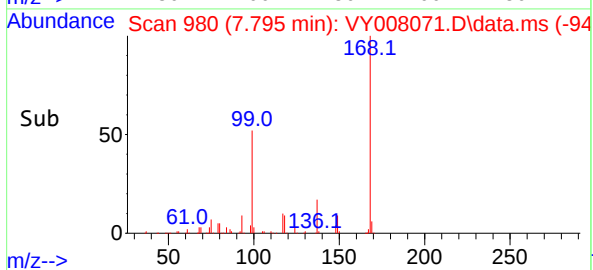
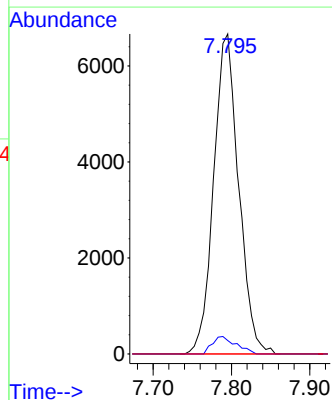
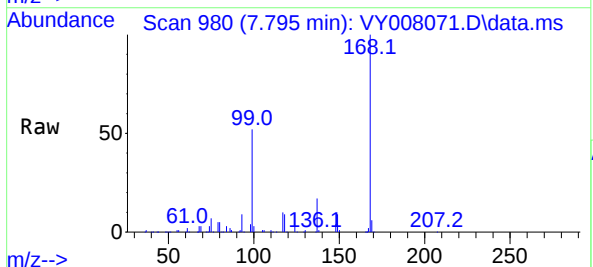
Instrument :
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ClientSampleId :
VIBLK

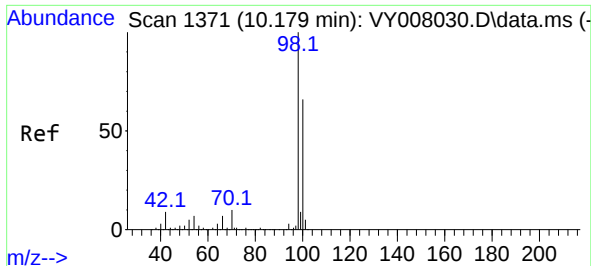
Tgt Ion: 75 Resp: 10187
Ion Ratio Lower Upper
75 100
110 11.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

Tgt Ion: 117 Resp: 14758
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#

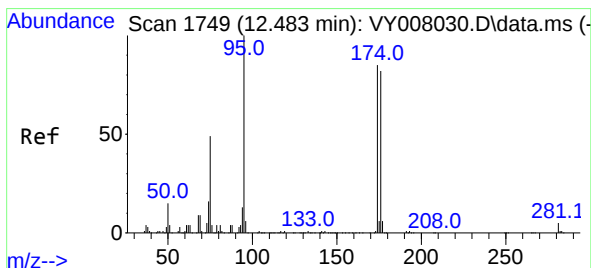
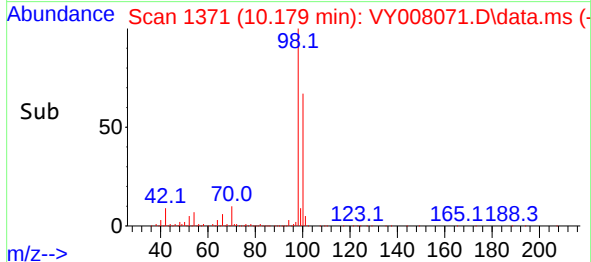
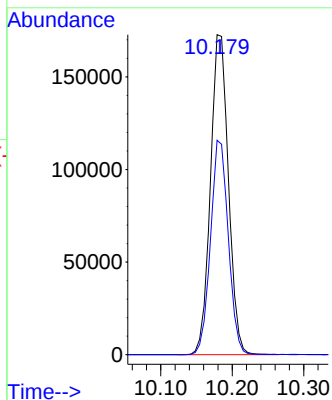
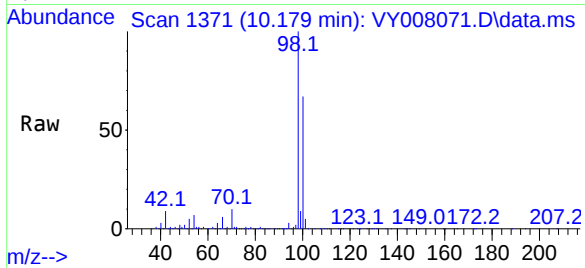




#50
Toluene-d8
Concen: 49.792 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

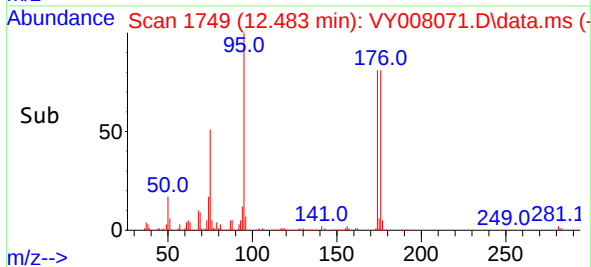
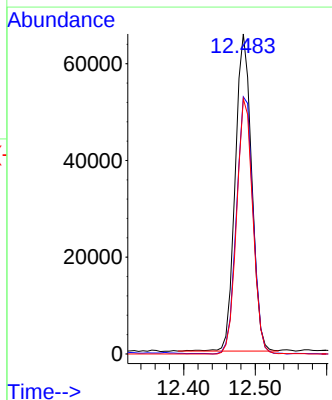
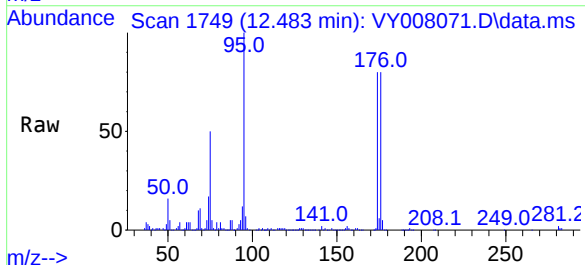
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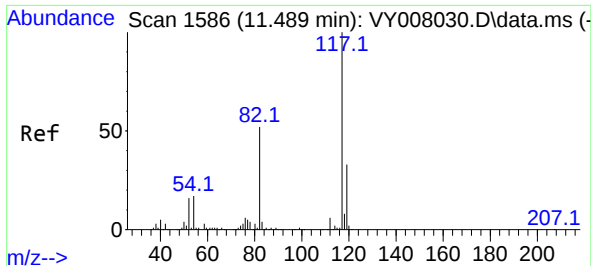
Tgt Ion: 98 Resp: 301604
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.952 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

Tgt Ion: 95 Resp: 104611
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.1 0.0 175.8

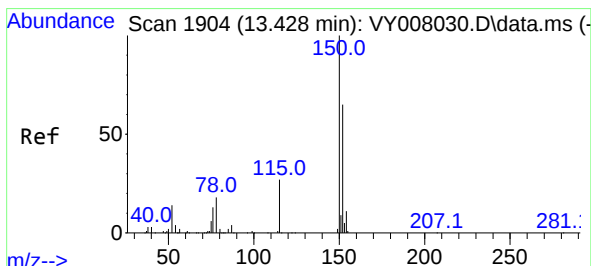
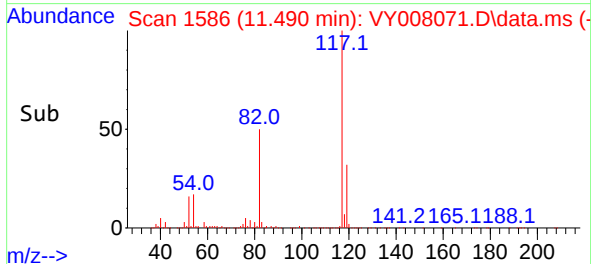
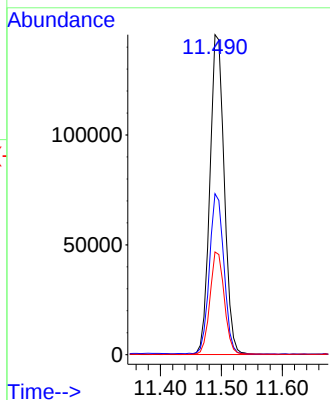
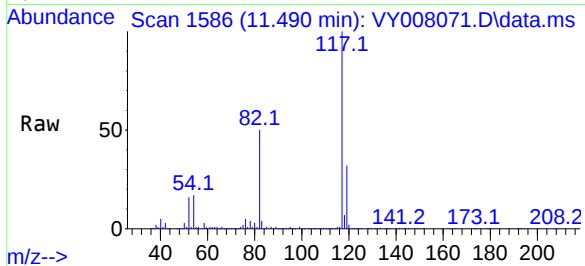




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

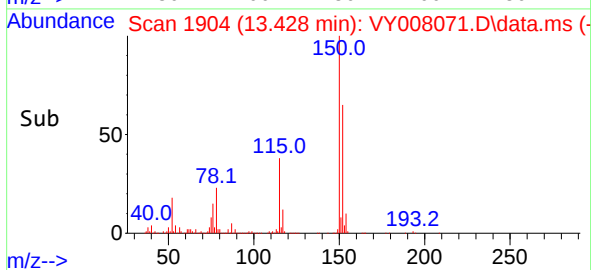
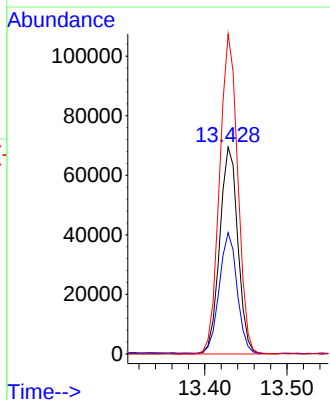
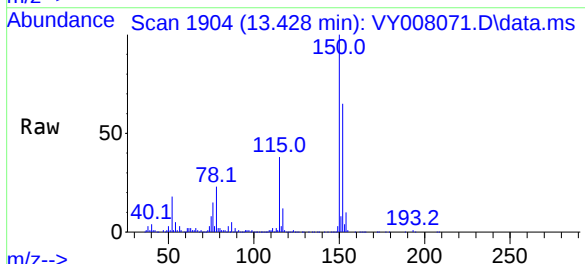
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

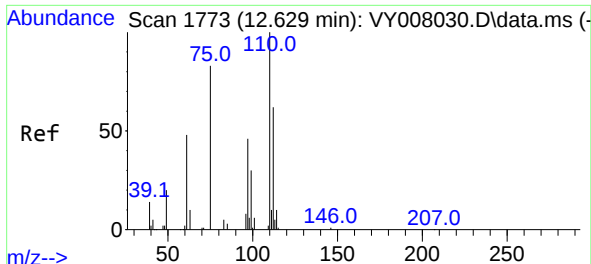
Tgt Ion:117 Resp: 238669
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

Tgt Ion:152 Resp: 106473
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 155.5 0.0 347.6

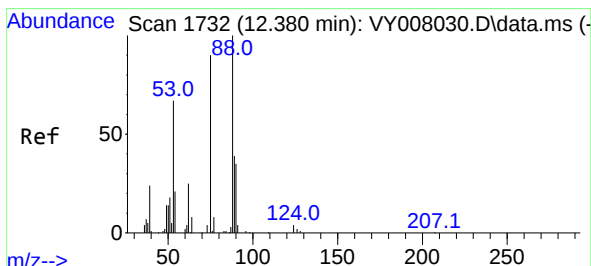
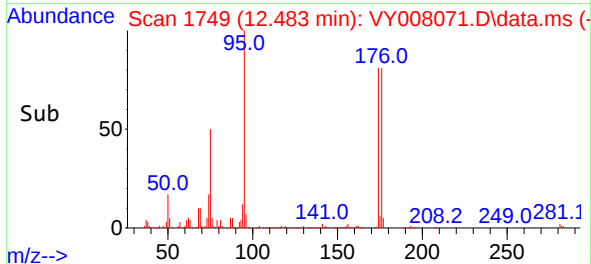
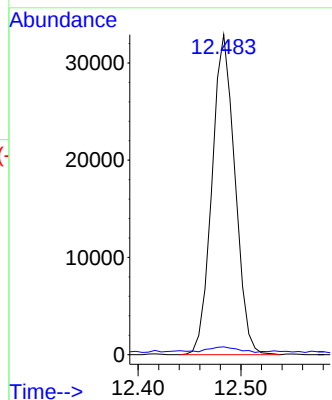
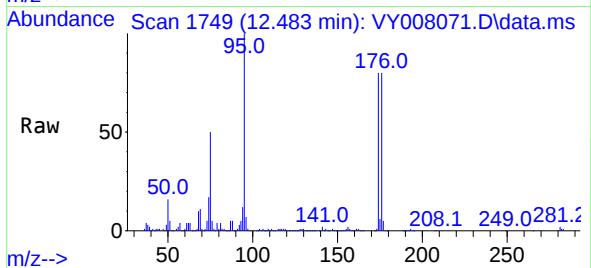




#76
1,2,3-Trichloropropane
Concen: 39.380 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 51112
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008071.D
Acq: 28 Mar 2022 17:51

Tgt Ion: 75 Resp: 51112
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.6 37.0 55.4#

