

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014095.D
 Acq On : 09 Jun 2023 13:47
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 09 17:41:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 17:38:57 2023
 Response via : Initial Calibration

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

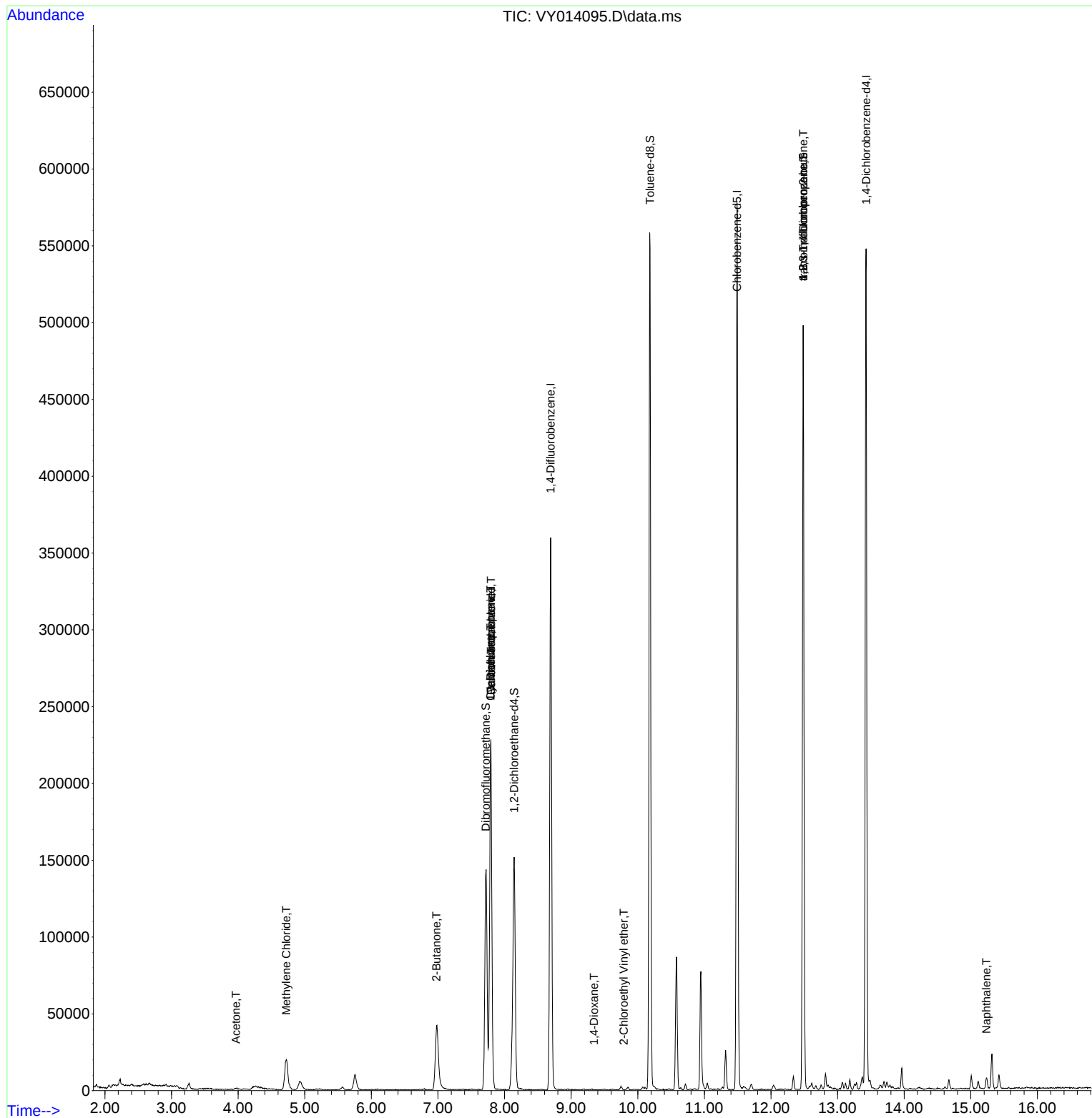
Internal Standards						
1) Pentafluorobenzene	7.795	168	173511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	300434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	117018	48.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.860%
35) Dibromofluoromethane	7.716	113	98833	46.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.000%
50) Toluene-d8	10.185	98	364054	46.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.483	95	127801	45.762	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	5817	Below Cal	#	89
13) Acrolein	3.729	56	58	Below Cal	#	21
16) Acetone	3.967	43	1810	2.485	ug/l #	88
20) Methylene Chloride	4.723	84	15187	3.174	ug/l #	88
25) 2-Butanone	6.978	43	1690	1.885	ug/l	97
31) Cyclohexane	7.789	56	3923	1.212	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	13122	4.003	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17468	4.617	ug/l #	16
49) 1,4-Dioxane	9.344	88	26	1.300	ug/l #	36
58) 2-Chloroethyl Vinyl ether	9.789	63	32	28.642	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	71704	39.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71704	83.469	ug/l #	11
95) Naphthalene	15.233	128	6262	1.001	ug/l #	95

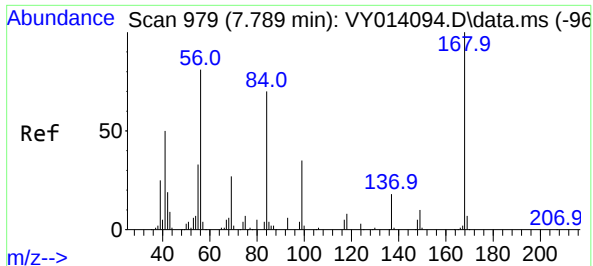
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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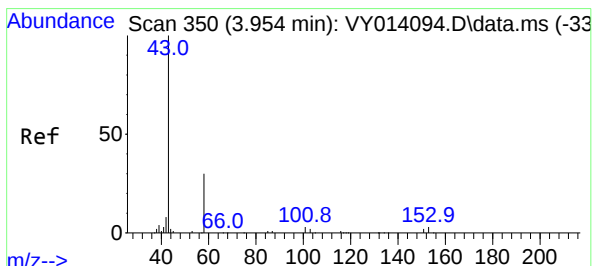
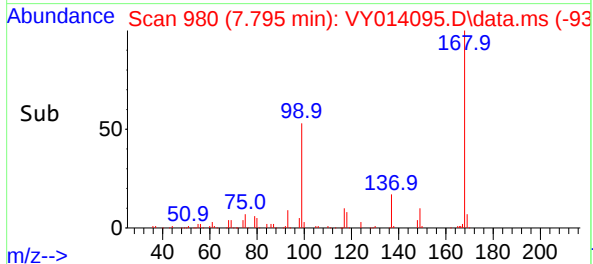
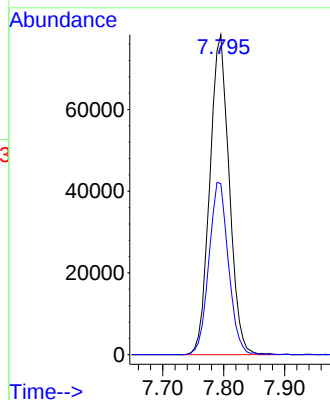
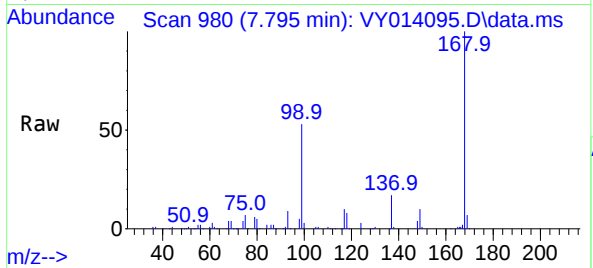




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

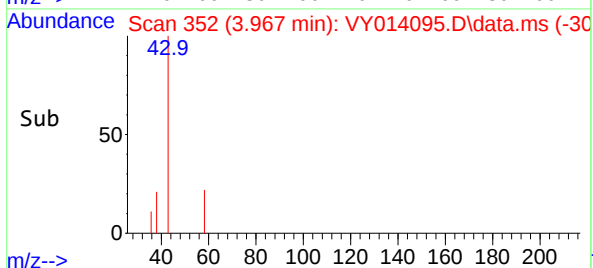
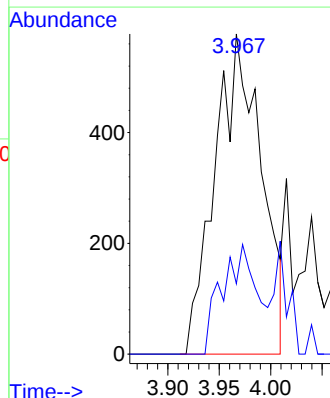
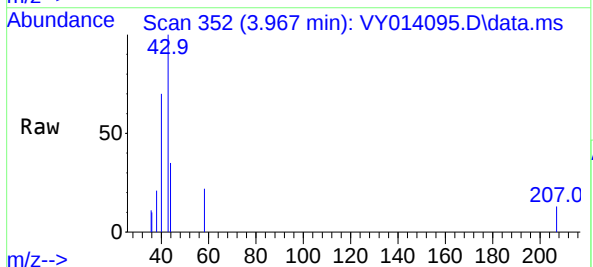
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

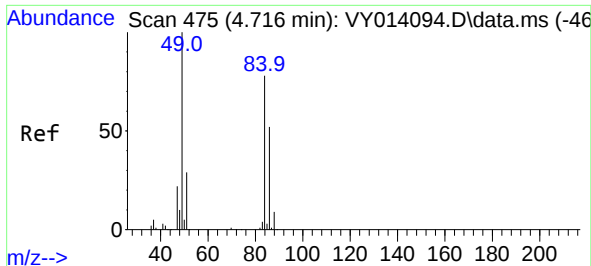
Tgt Ion:168 Resp: 173511
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 2.485 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

Tgt Ion: 43 Resp: 1810
Ion Ratio Lower Upper
43 100
58 22.0 22.7 34.1#

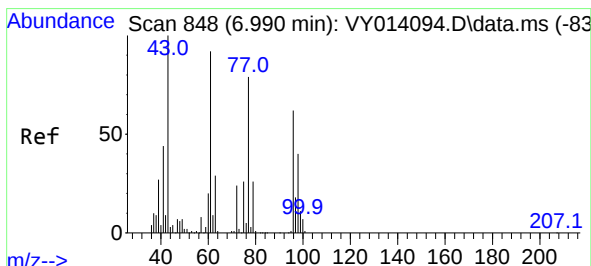
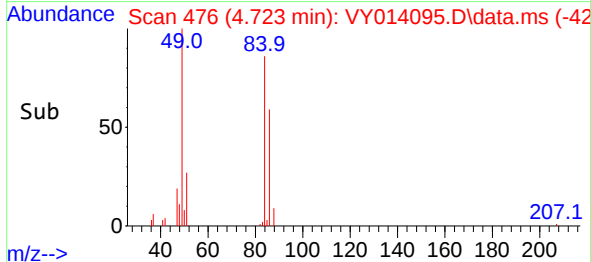
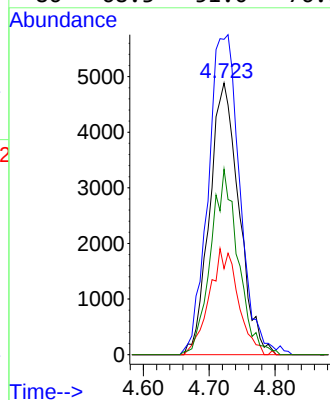
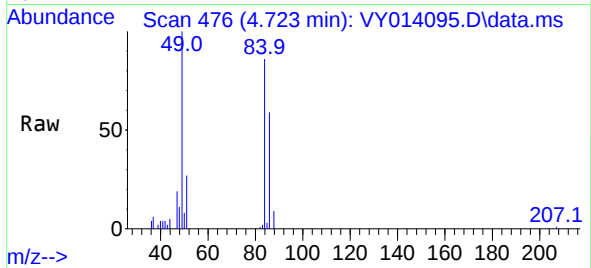




#20
Methylene Chloride
Concen: 3.174 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

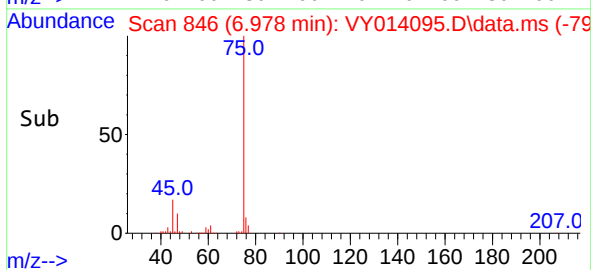
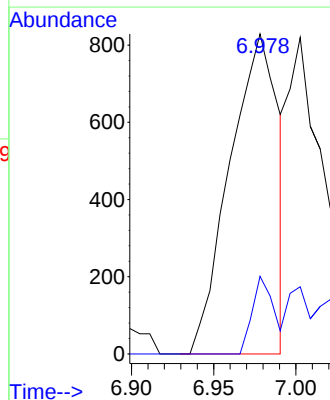
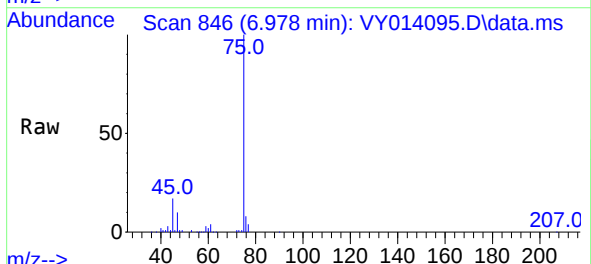
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

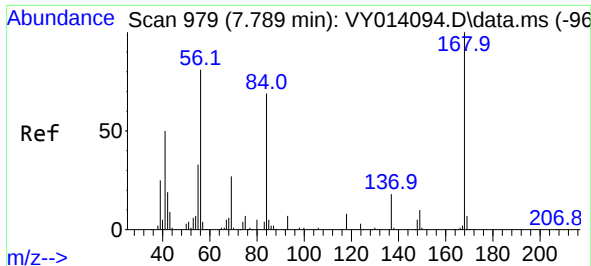
Tgt Ion: 84 Resp: 15187
Ion Ratio Lower Upper
84 100
49 116.1 106.9 160.3
51 31.7 33.2 49.8#
86 68.3 51.0 76.6



#25
2-Butanone
Concen: 1.885 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

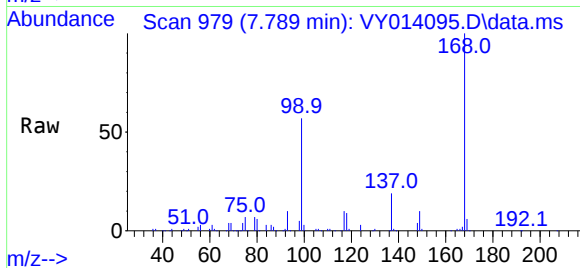
Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
72 24.2 20.5 30.7



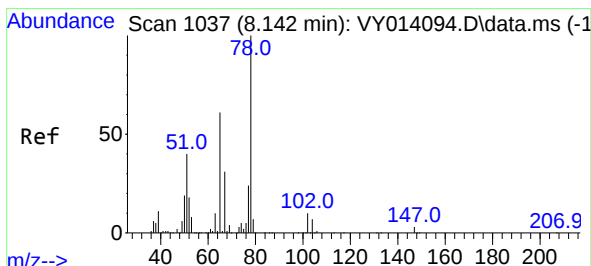
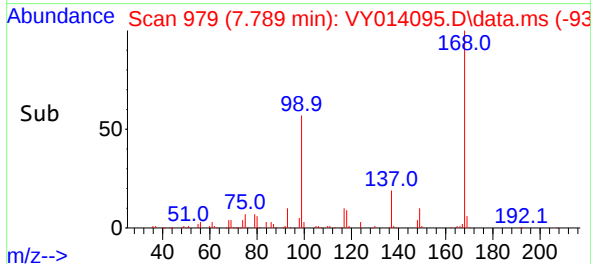
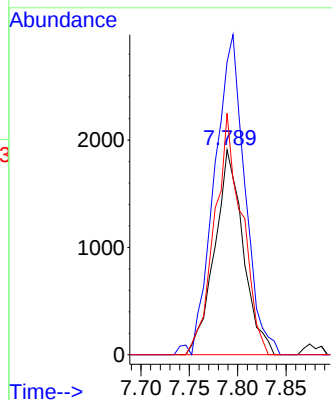


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

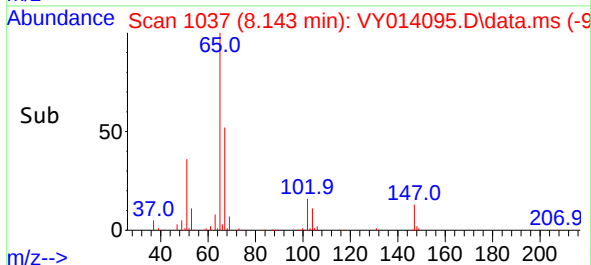
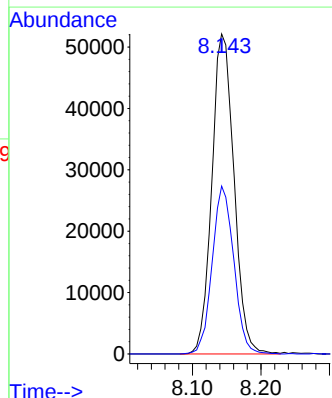
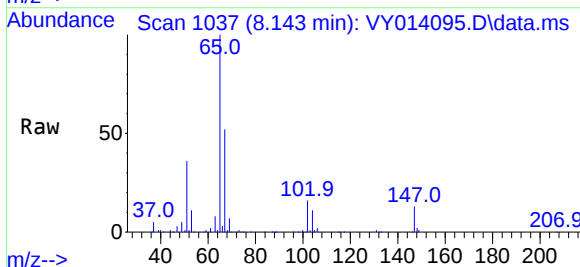


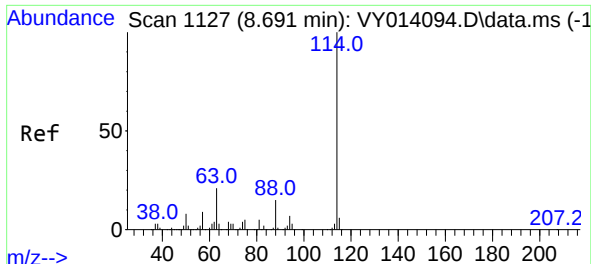
Tgt Ion: 56 Resp: 3923
Ion Ratio Lower Upper
56 100
69 142.9 27.8 41.6#
84 117.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.431 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

Tgt Ion: 65 Resp: 117018
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014095.D

Acq: 09 Jun 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

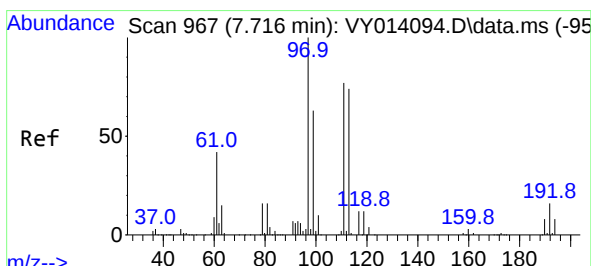
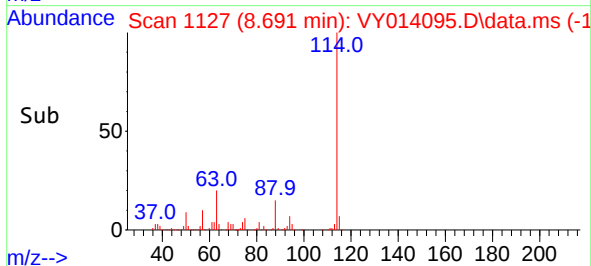
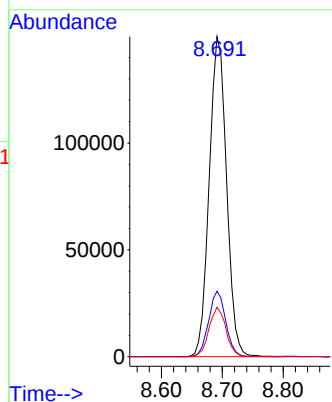
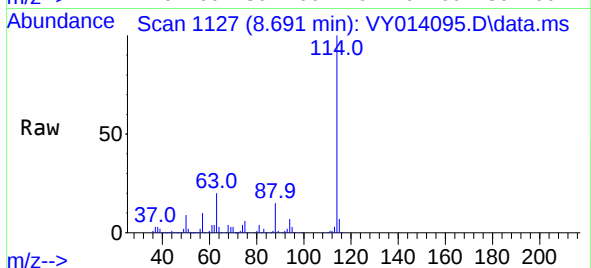
Tgt Ion:114 Resp: 296524

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.999 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014095.D

Acq: 09 Jun 2023 13:47

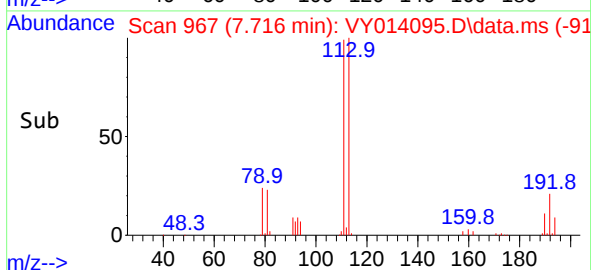
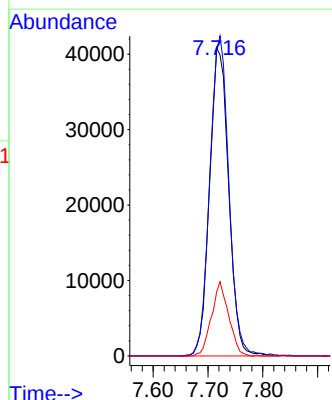
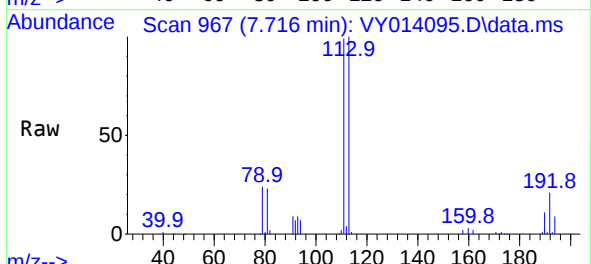
Tgt Ion:113 Resp: 98833

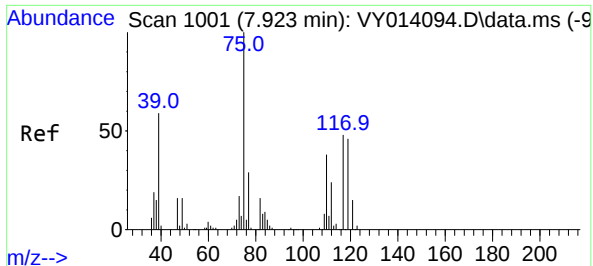
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 21.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.003 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY014095.D

Acq: 09 Jun 2023 13:47

Instrument :

MSVOA_Y

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VIBLK

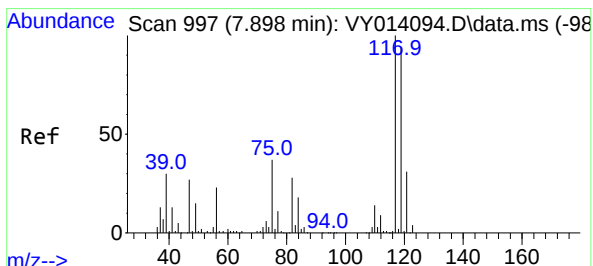
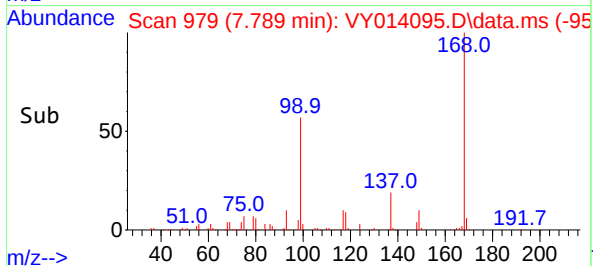
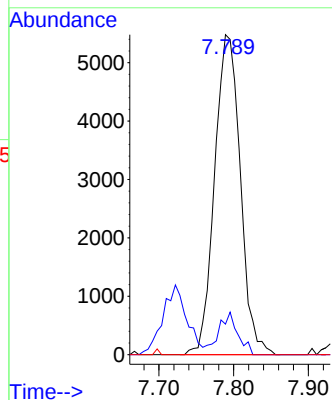
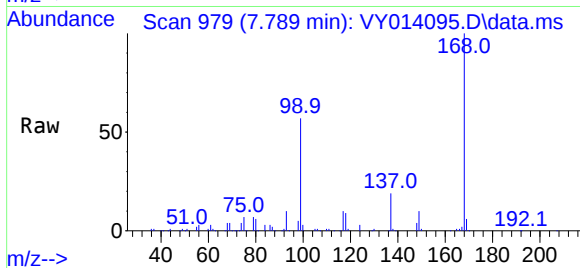
Tgt Ion: 75 Resp: 13122

Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.617 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.103 min

Lab File: VY014095.D

Acq: 09 Jun 2023 13:47

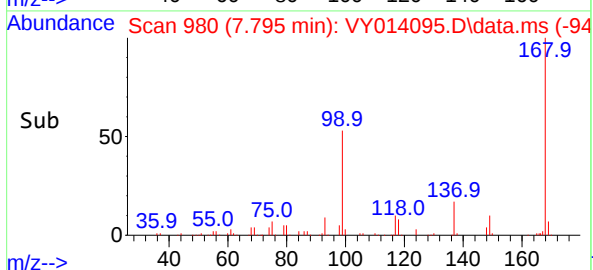
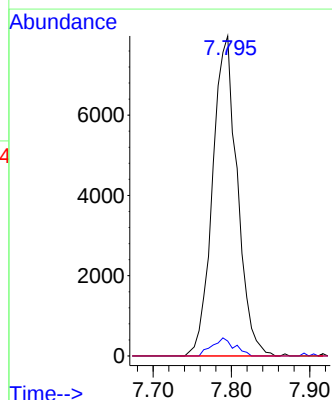
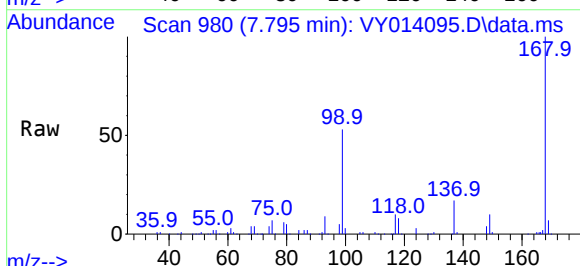
Tgt Ion: 117 Resp: 17468

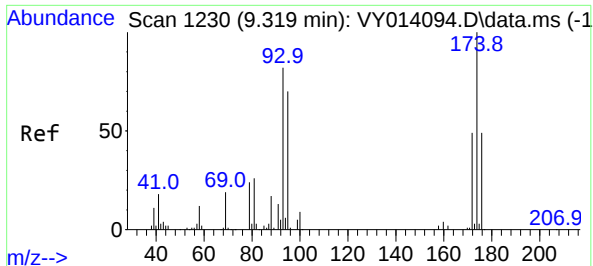
Ion Ratio Lower Upper

117 100

119 4.7 76.4 114.6#

121 0.0 25.8 38.6#

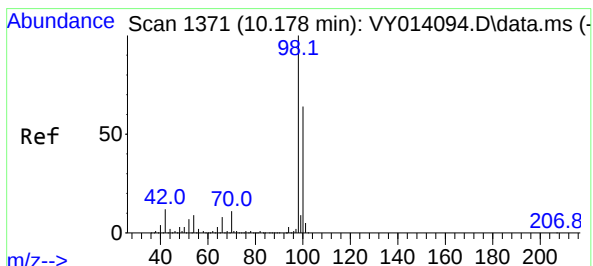
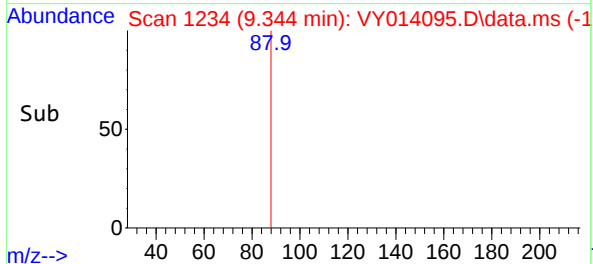
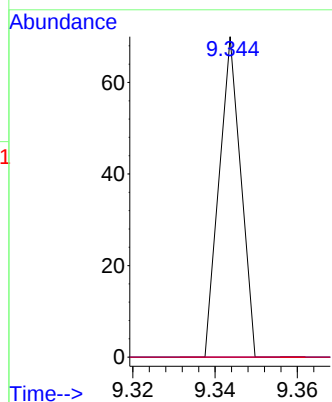
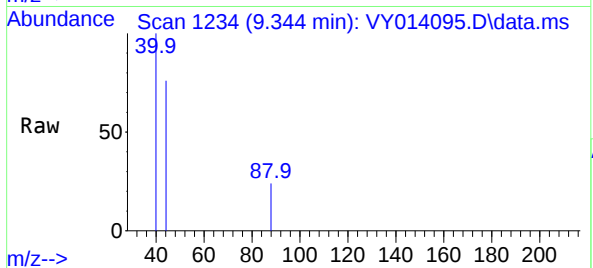




#49
1,4-Dioxane
Concen: 1.300 ug/l
RT: 9.344 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

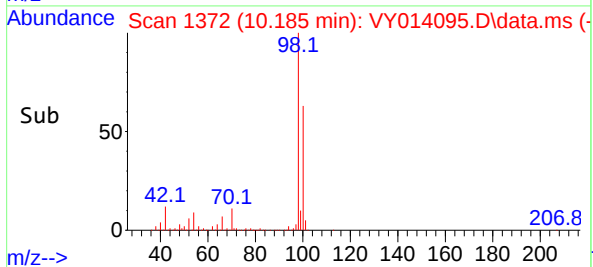
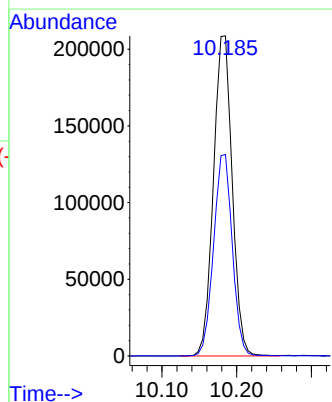
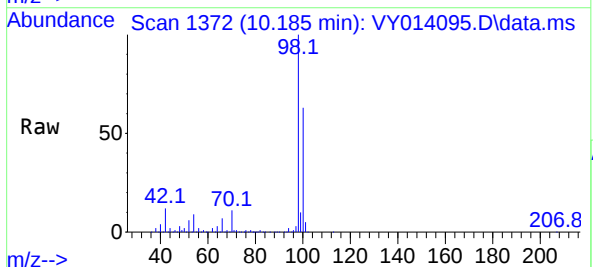
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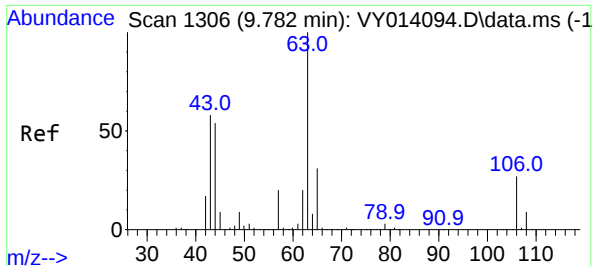
Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 30.9 46.3#



#50
Toluene-d8
Concen: 46.307 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

Tgt Ion: 98 Resp: 364054
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

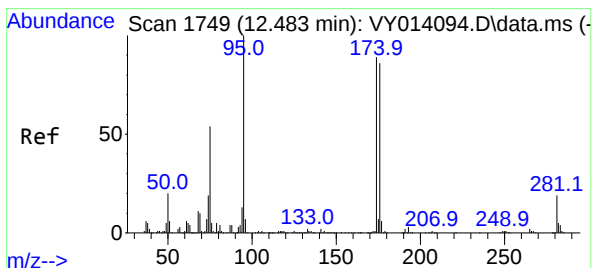
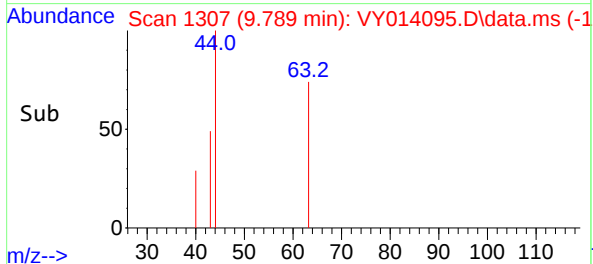
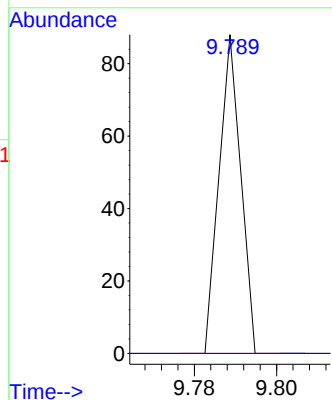
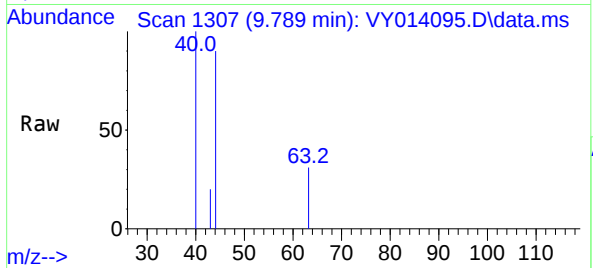




#58
2-Chloroethyl Vinyl ether
Concen: 28.642 ug/l
RT: 9.789 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

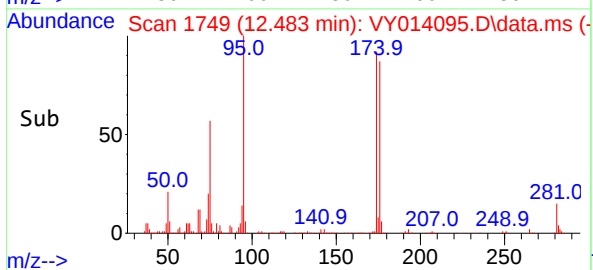
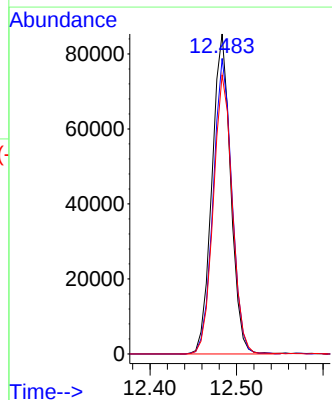
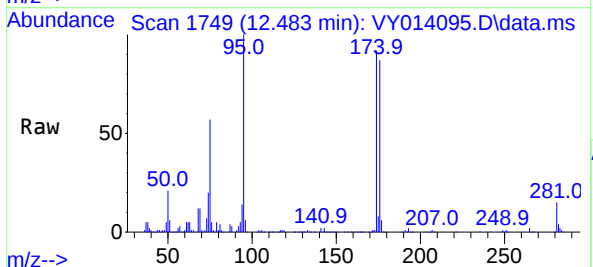
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

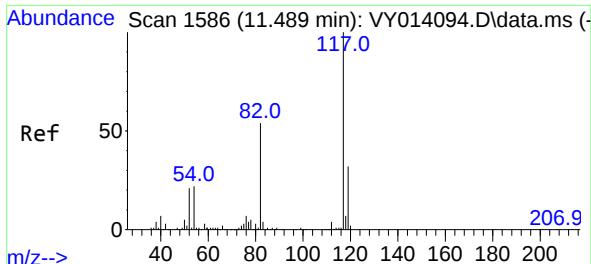
Tgt Ion: 63 Resp: 32
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 45.762 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

Tgt Ion: 95 Resp: 127801
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.2
176 88.7 0.0 173.8

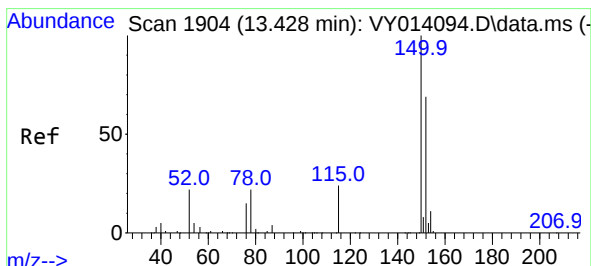
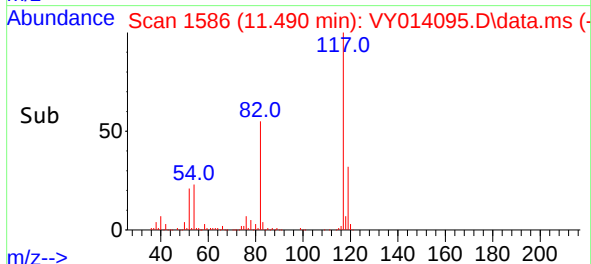
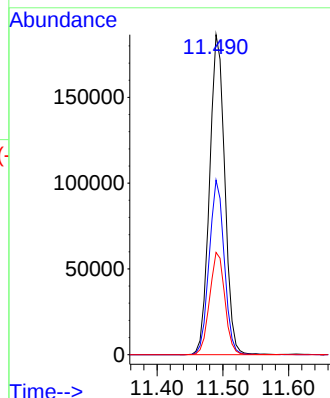
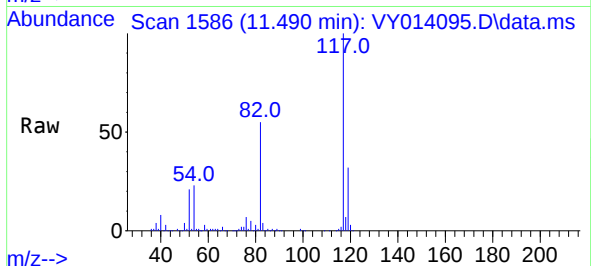




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

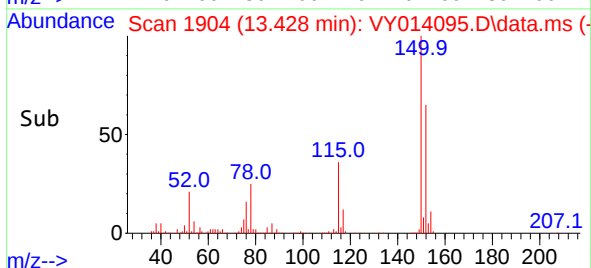
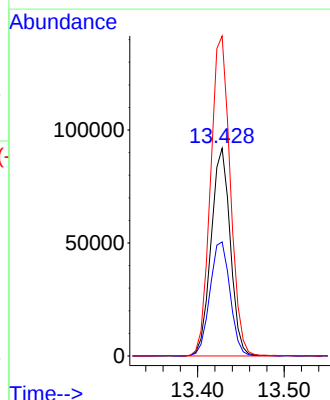
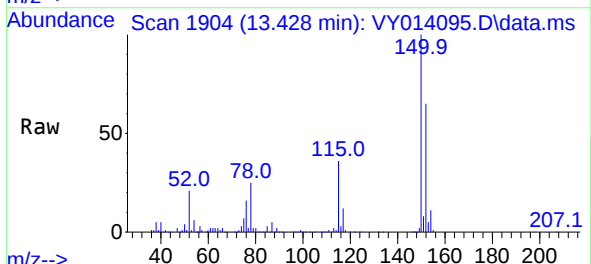
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

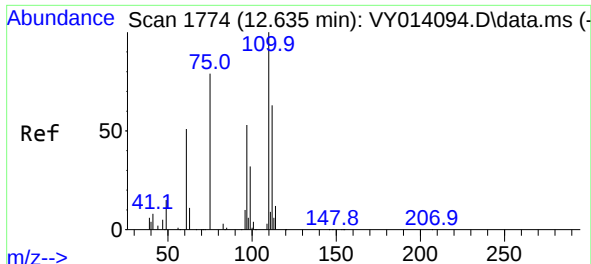
Tgt Ion:117 Resp: 300434
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

Tgt Ion:152 Resp: 141537
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 158.5 0.0 348.8

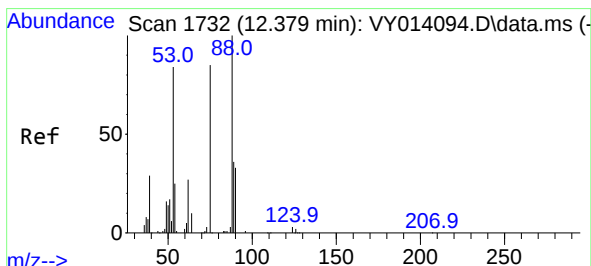
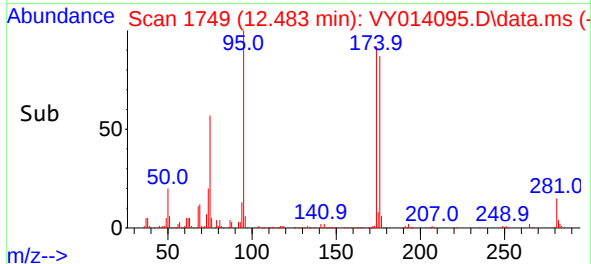
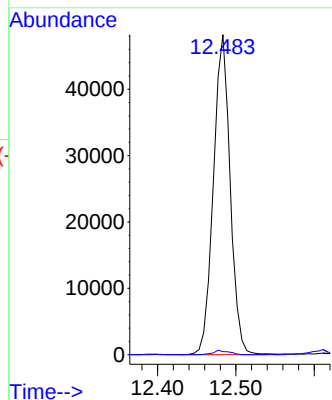
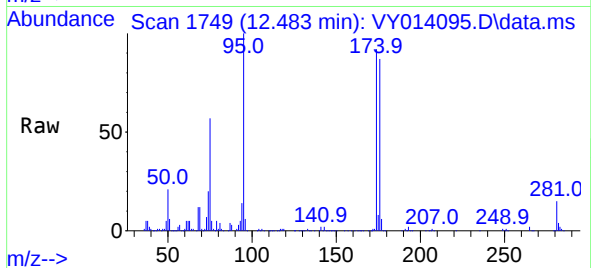




#76
1,2,3-Trichloropropane
Concen: 39.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

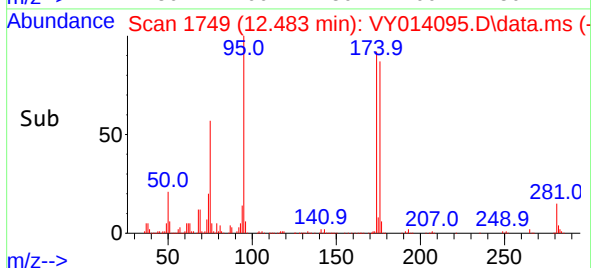
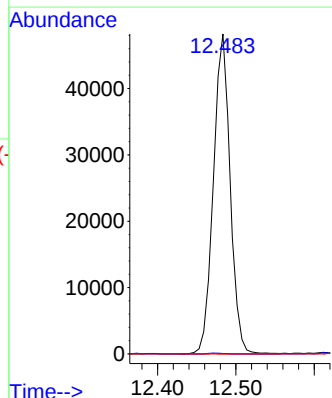
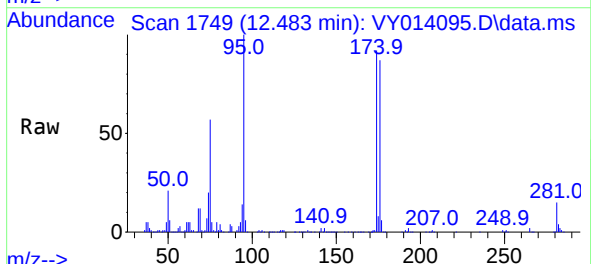
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

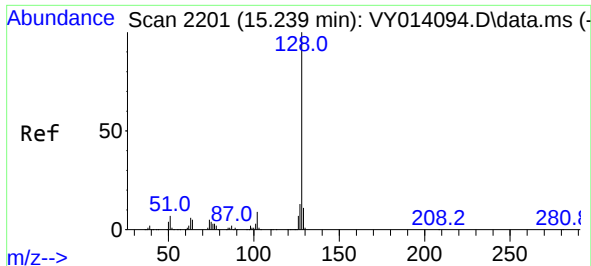
Tgt Ion: 75 Resp: 71704
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

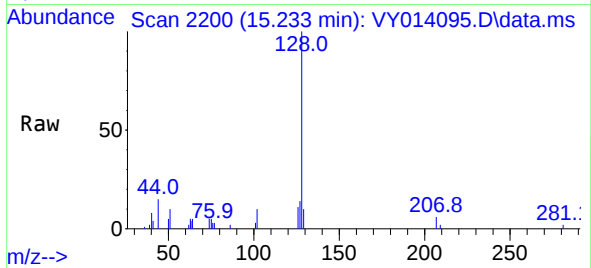
Tgt Ion: 75 Resp: 71704
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 1.001 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014095.D
Acq: 09 Jun 2023 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:128 Resp: 6262
Ion Ratio Lower Upper
128 100
127 16.5 10.8 16.2#
129 9.7 8.6 13.0

