

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007361.D
 Acq On : 02 Feb 2022 17:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 03 04:42:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

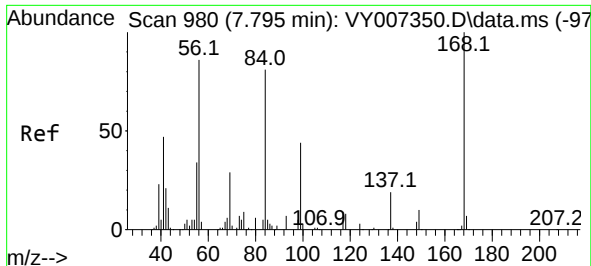
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	116676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73354	54.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.716	113	69925	49.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.880%	
50) Toluene-d8	10.179	98	267557	51.721	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	12.477	95	94506	53.749	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	1076	Below Cal	#	82
20) Methylene Chloride	4.722	84	973	Below Cal	#	65
31) Cyclohexane	7.783	56	2824	1.078	ug/l #	30
36) 1,1-Dichloropropene	7.789	75	9864	4.030	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12506	4.863	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	52502	49.255	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52502	98.678	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	21692	3.296	ug/l	96
95) Naphthalene	15.233	128	14735	4.064	ug/l	99

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

Quant Time: Feb 03 04:42:58 2022
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Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

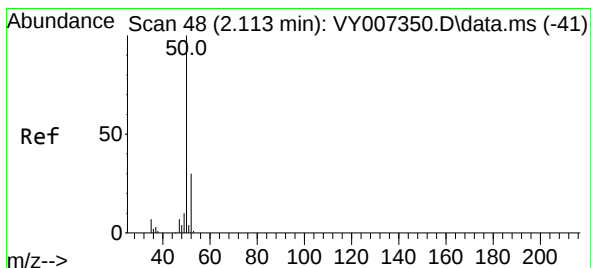
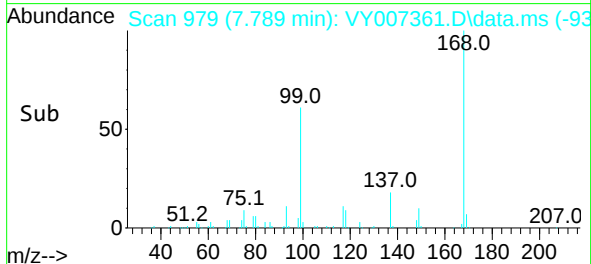
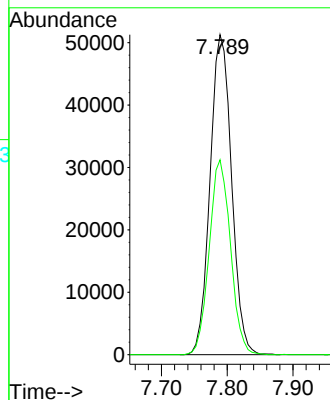
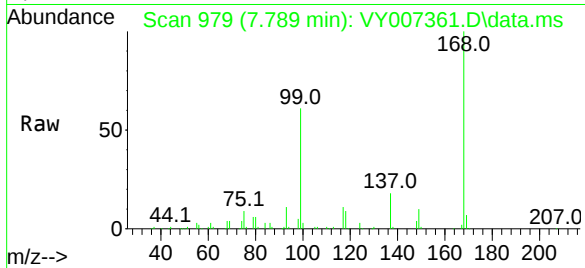




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

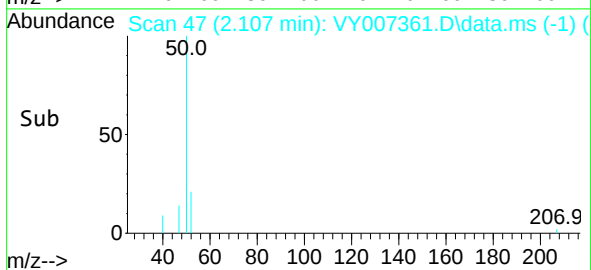
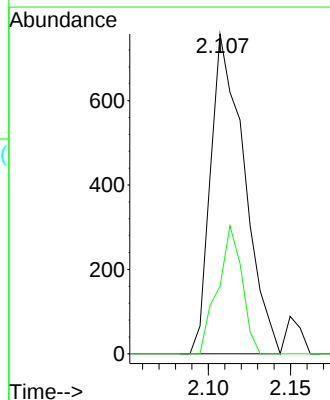
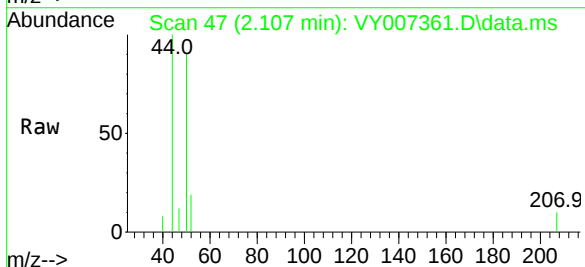
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

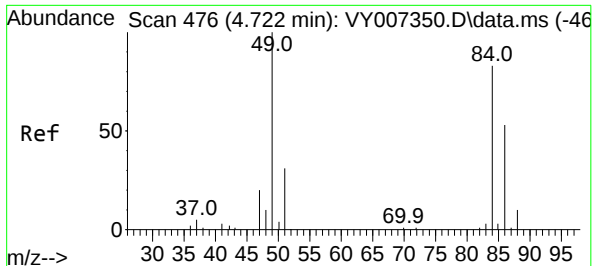
Tgt Ion:168 Resp: 116676
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Tgt Ion: 50 Resp: 1076
Ion Ratio Lower Upper
50 100
52 21.1 24.6 37.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007361.D

Acq: 02 Feb 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 973

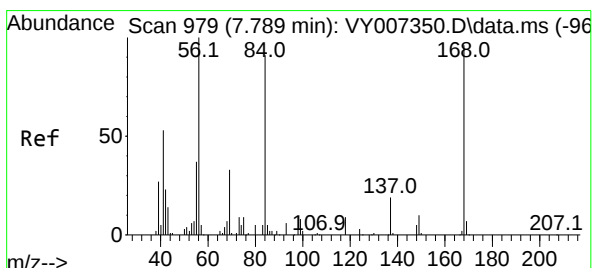
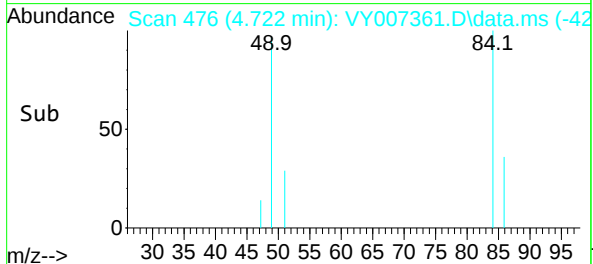
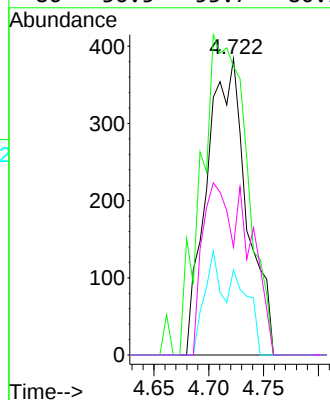
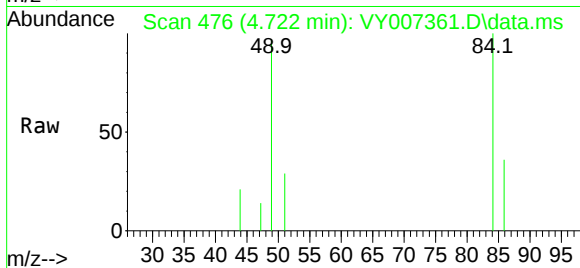
Ion Ratio Lower Upper

84 100

49 97.4 114.4 171.6#

51 28.6 35.3 52.9#

86 36.5 53.7 80.5#



#31

Cyclohexane

Concen: 1.078 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY007361.D

Acq: 02 Feb 2022 17:56

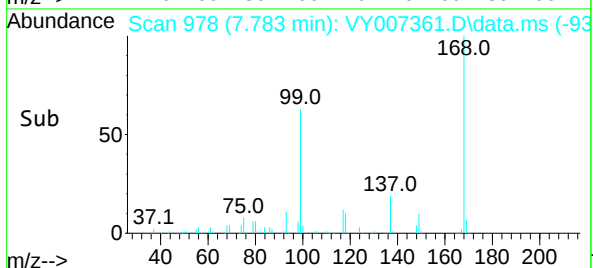
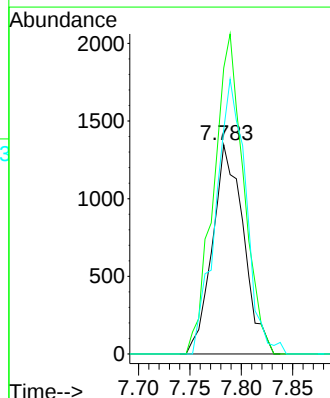
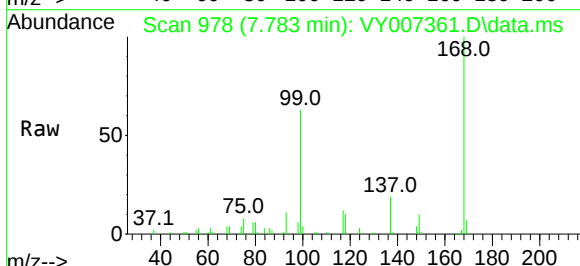
Tgt Ion: 56 Resp: 2824

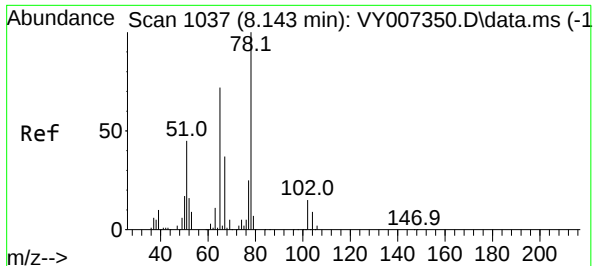
Ion Ratio Lower Upper

56 100

69 136.7 26.7 40.1#

84 107.2 67.2 100.8#

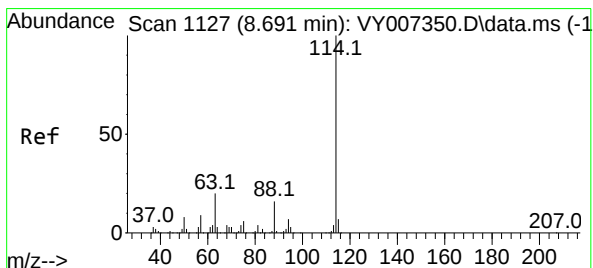
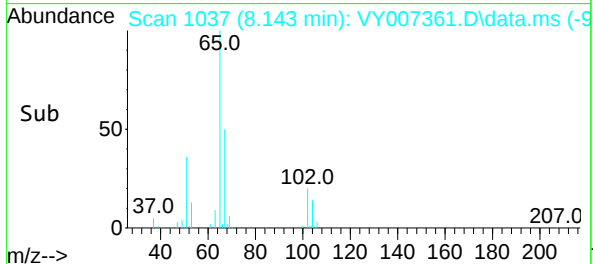
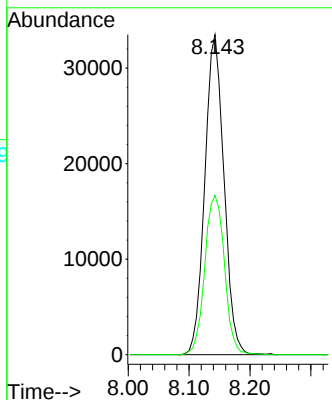
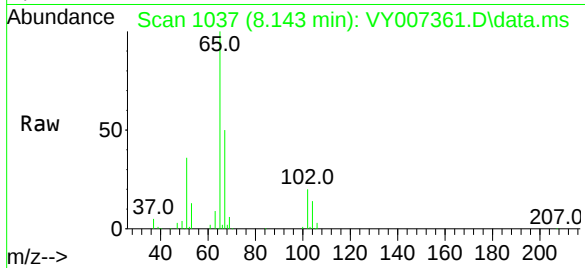




#33
 1,2-Dichloroethane-d4
 Concen: 54.658 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007361.D
 Acq: 02 Feb 2022 17:56

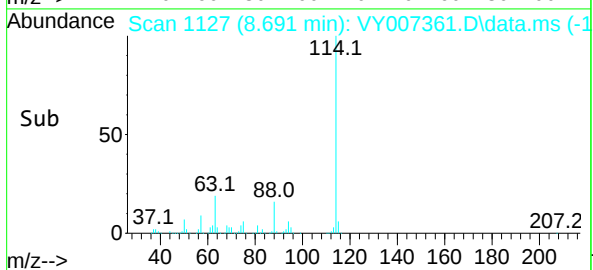
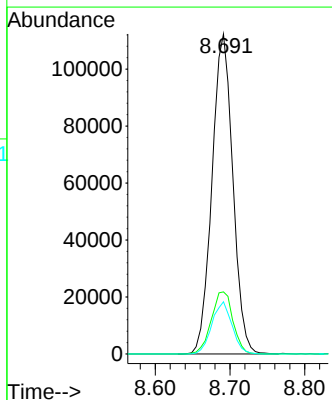
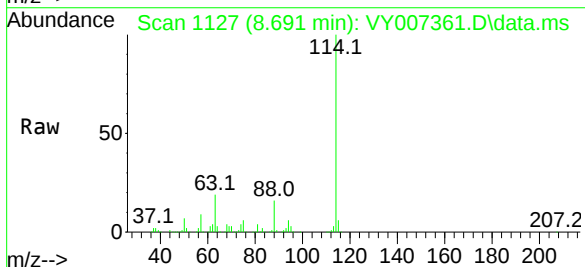
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

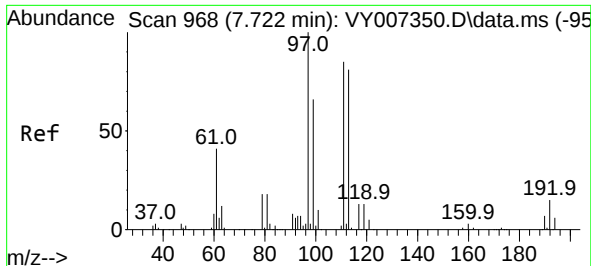
Tgt Ion: 65 Resp: 73354
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007361.D
 Acq: 02 Feb 2022 17:56

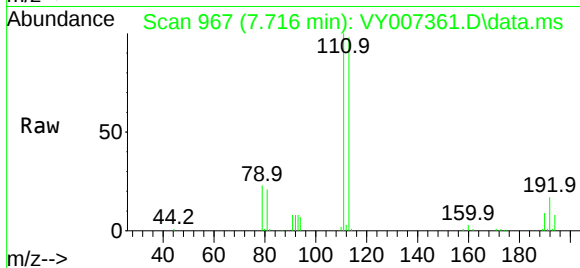
Tgt Ion: 114 Resp: 218056
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.2
 88 16.3 0.0 31.8



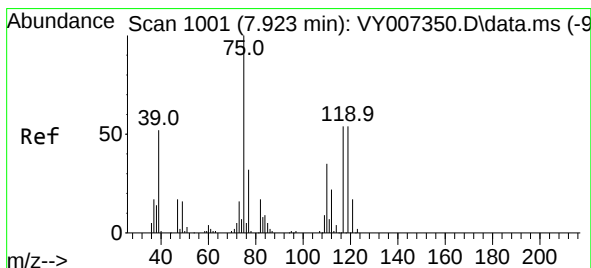
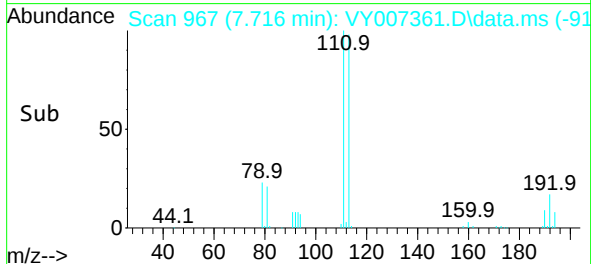
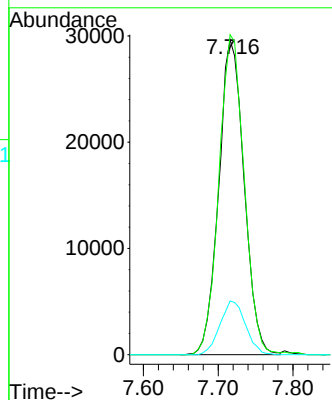


#35
Dibromofluoromethane
Concen: 49.939 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

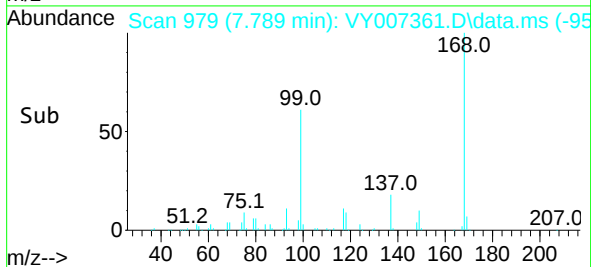
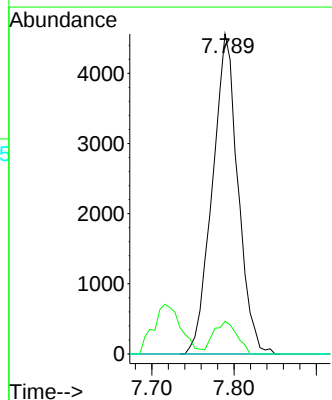
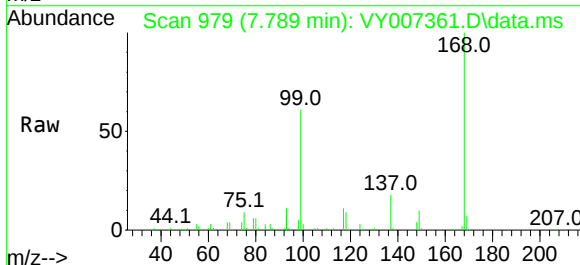


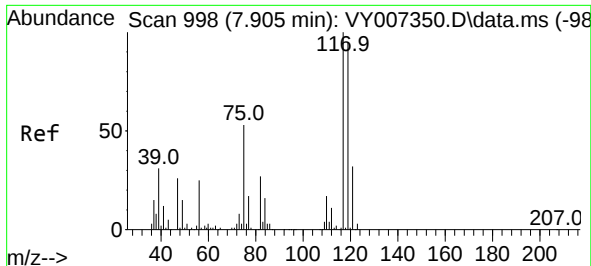
Tgt Ion:113 Resp: 69925
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 17.2 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.030 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Tgt Ion: 75 Resp: 9864
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#

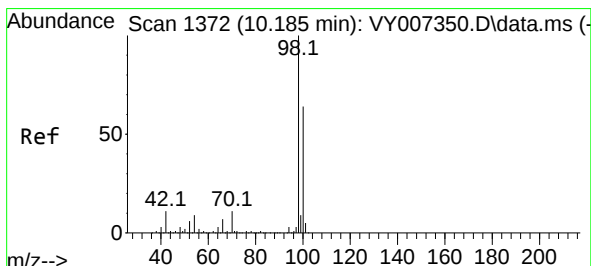
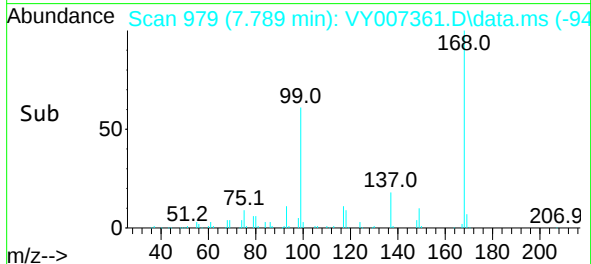
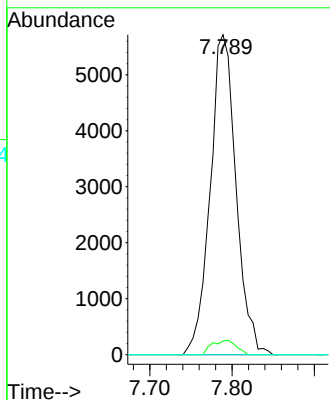
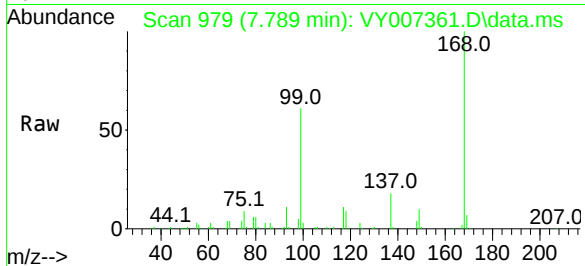




#38
Carbon Tetrachloride
Concen: 4.863 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

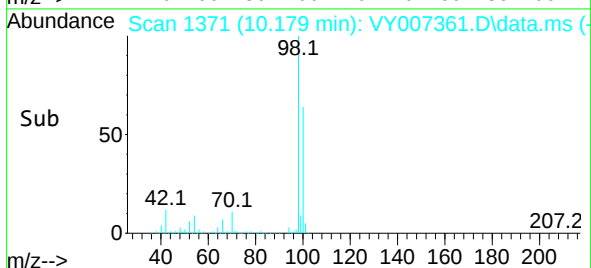
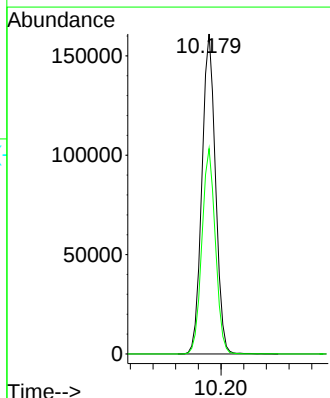
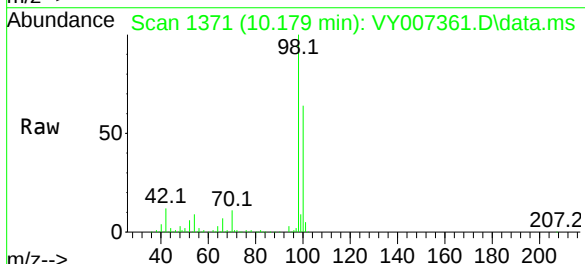
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

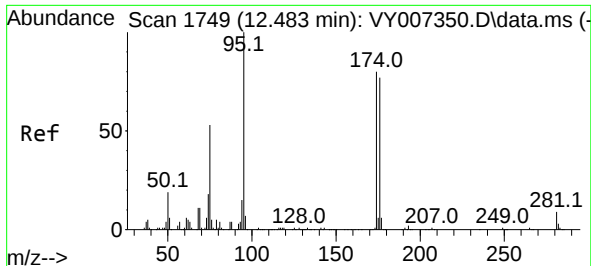
Tgt Ion:117 Resp: 12506
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.721 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Tgt Ion: 98 Resp: 267557
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

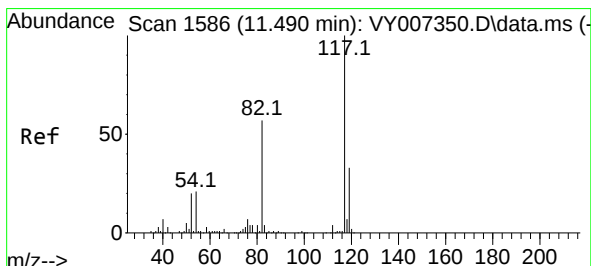
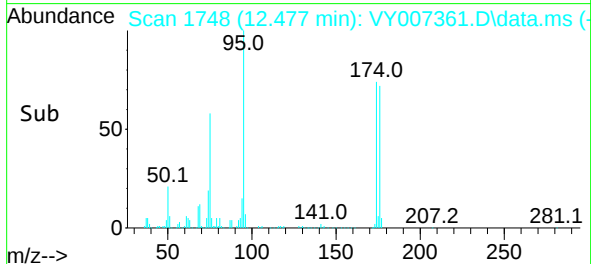
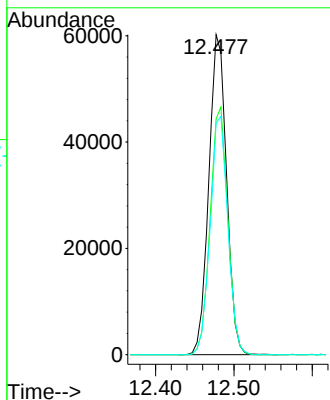
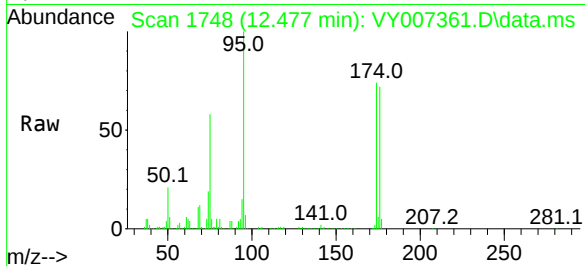




#62
4-Bromofluorobenzene
Concen: 53.749 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

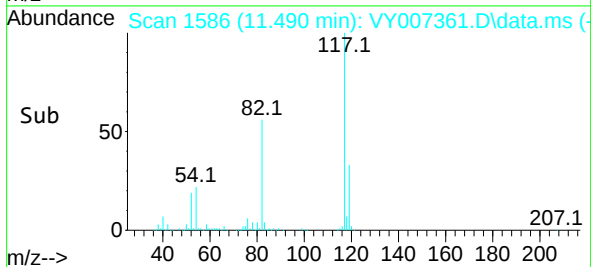
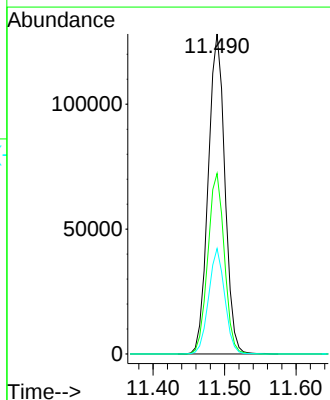
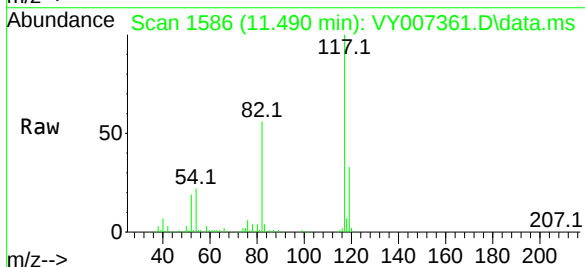
Instrument :
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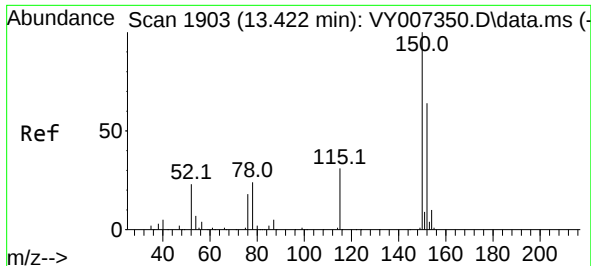
Tgt Ion: 95 Resp: 94506
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 74.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Tgt Ion: 117 Resp: 207184
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 32.9 25.4 38.0

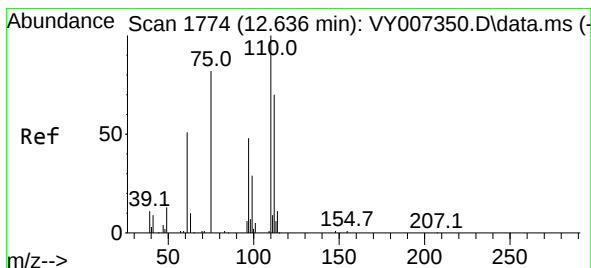
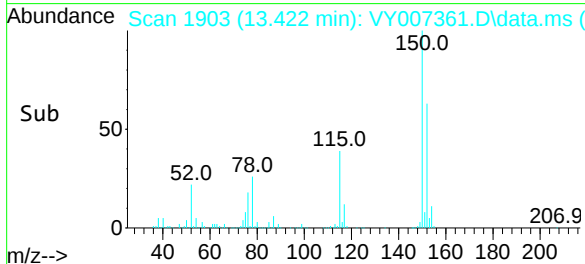
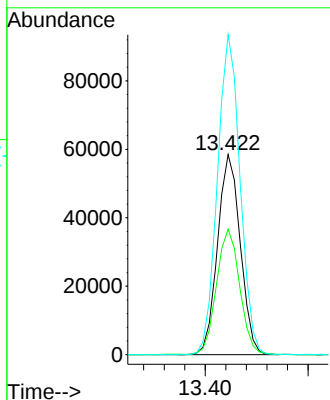
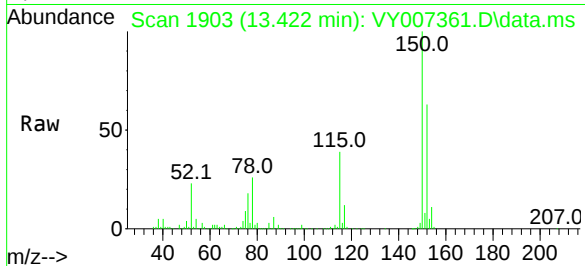




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007361.D
 Acq: 02 Feb 2022 17:56

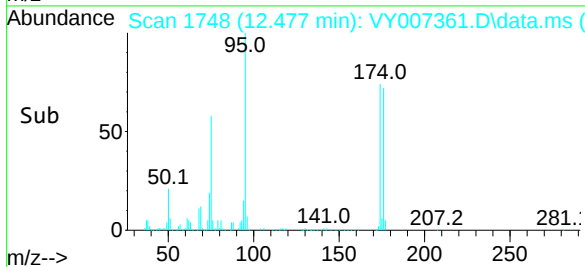
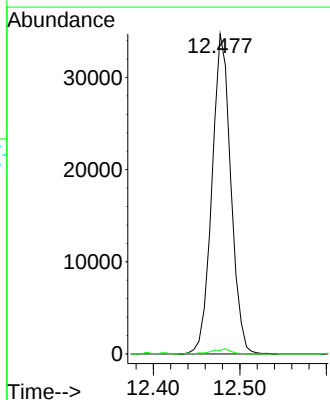
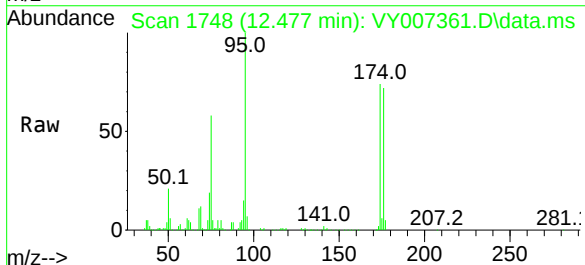
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

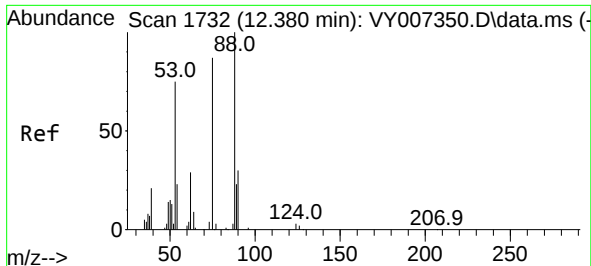
Tgt Ion:152 Resp: 89663
 Ion Ratio Lower Upper
 152 100
 115 64.1 28.2 84.7
 150 159.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.255 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY007361.D
 Acq: 02 Feb 2022 17:56

Tgt Ion: 75 Resp: 52502
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

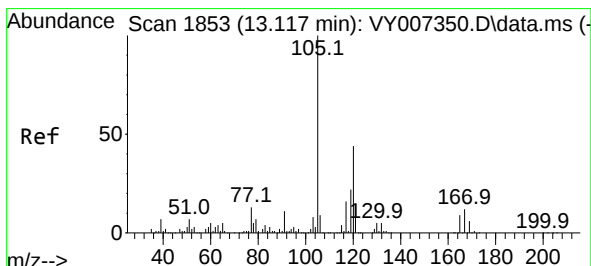
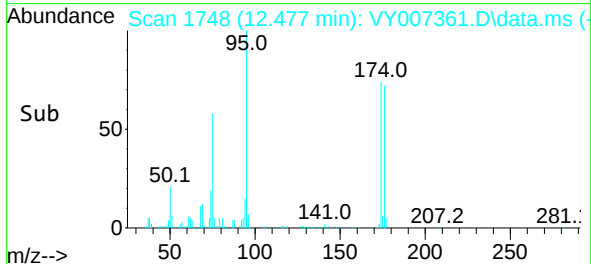
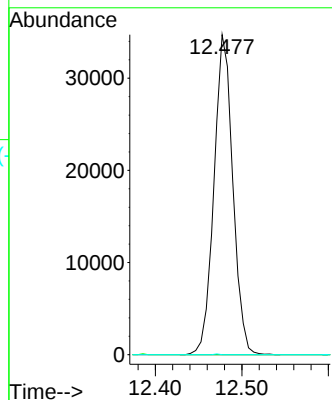
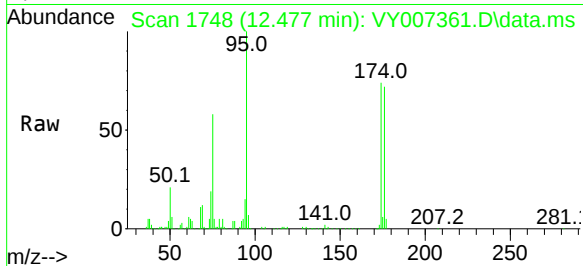




#81
trans-1,4-Dichloro-2-butene
Concen: 98.678 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

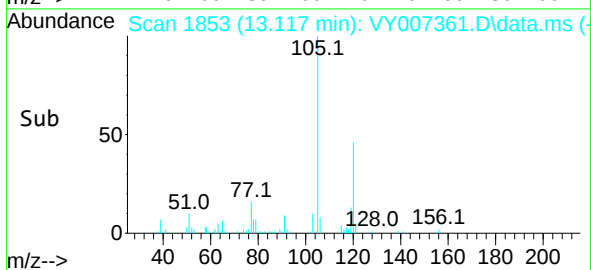
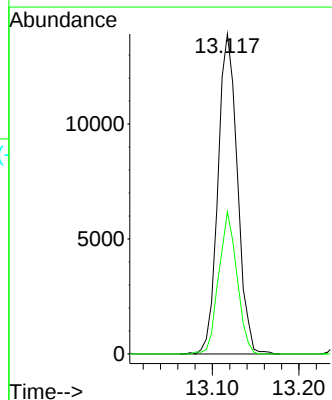
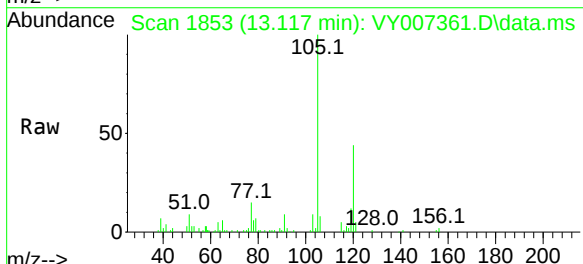
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

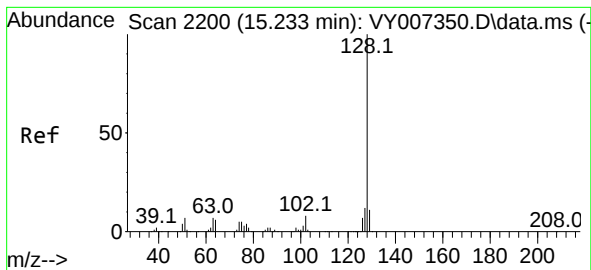
Tgt Ion: 75 Resp: 52502
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 3.296 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007361.D
Acq: 02 Feb 2022 17:56

Tgt Ion: 105 Resp: 21692
Ion Ratio Lower Upper
105 100
120 41.7 22.3 66.9





#95

Naphthalene

Concen: 4.064 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007361.D

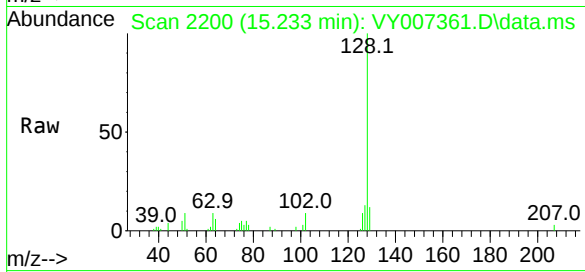
Acq: 02 Feb 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 14735

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.5 8.4 12.6

