

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007630.D
 Acq On : 24 Feb 2022 20:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 25 05:44:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

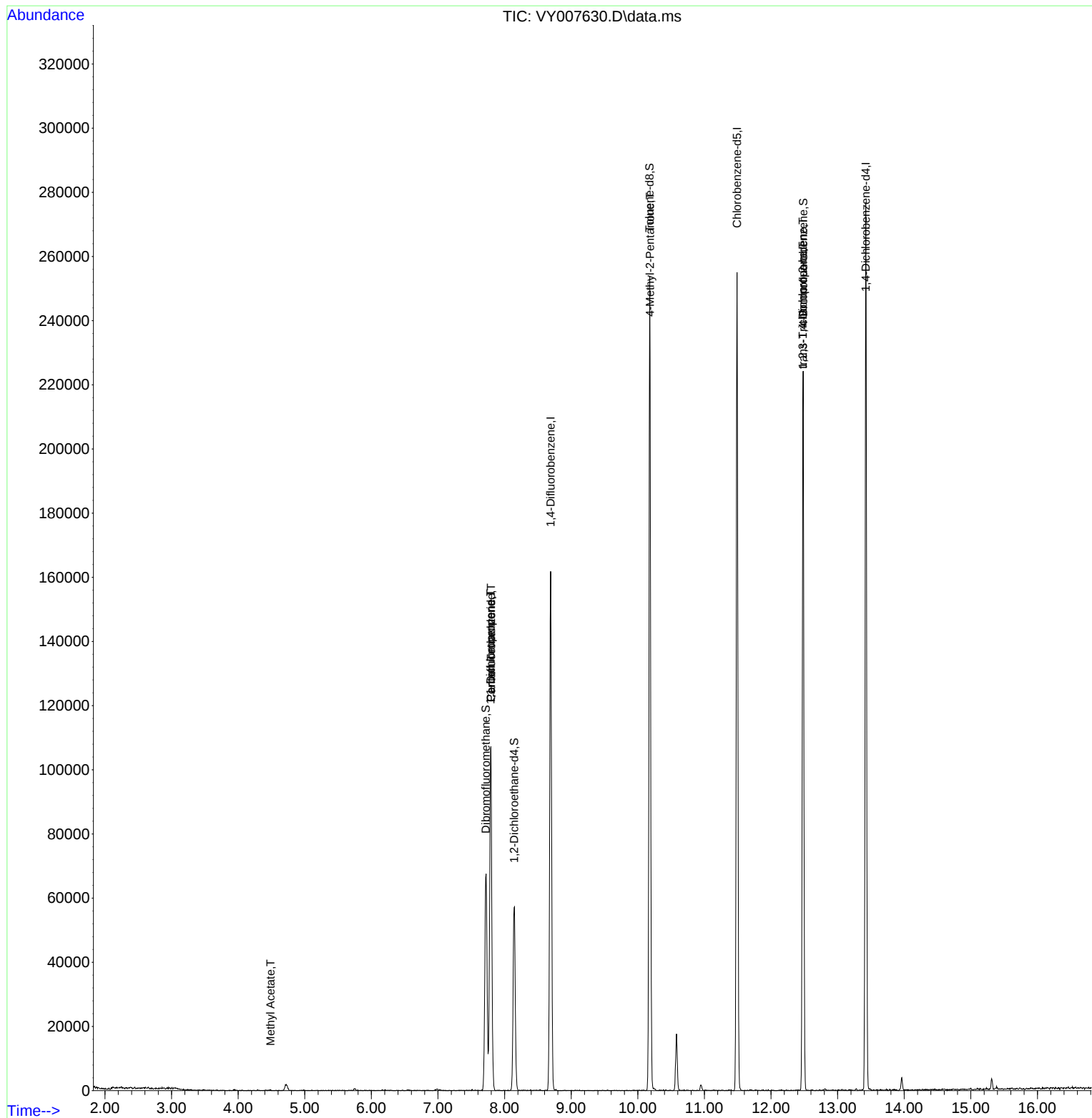
Internal Standards						
1) Pentafluorobenzene	7.795	168	81567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44340	48.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.740%
35) Dibromofluoromethane	7.716	113	44236	50.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.179	98	162208	49.658	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.483	95	59531	53.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.600%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.485	43	81	1.420	ug/l #	86
20) Methylene Chloride	4.722	84	1571	Below Cal	#	66
31) Cyclohexane	7.795	56	1759	Below Cal	#	45
36) 1,1-Dichloropropene	7.789	75	5872	4.613	ug/l #	46
38) Carbon Tetrachloride	7.795	117	8560	4.592	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	694	1.178	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	35299	51.723	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35299	111.213	ug/l #	7

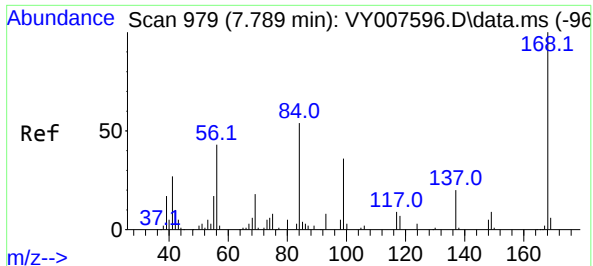
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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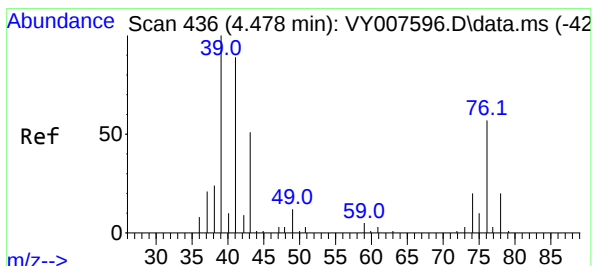
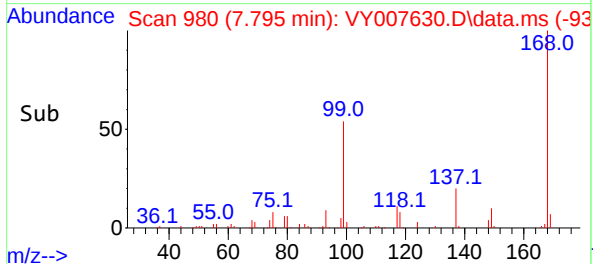
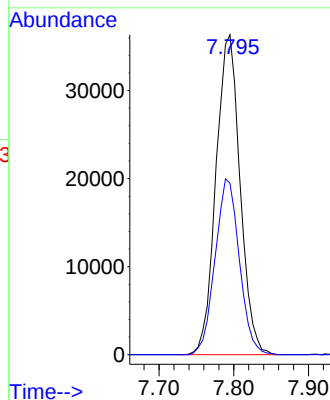
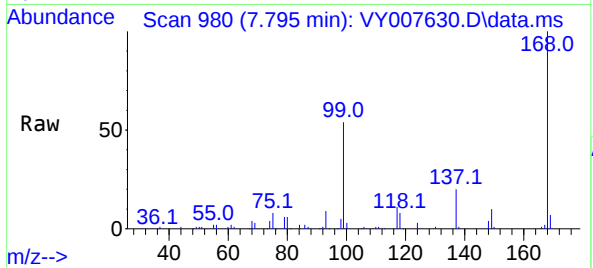




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

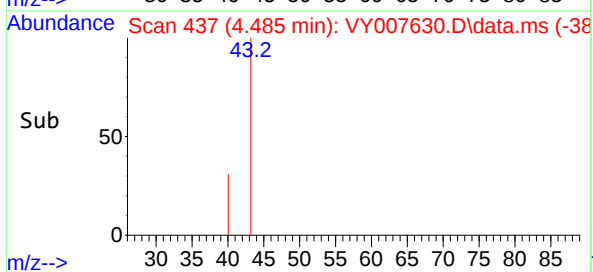
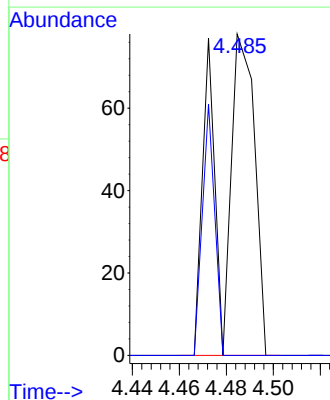
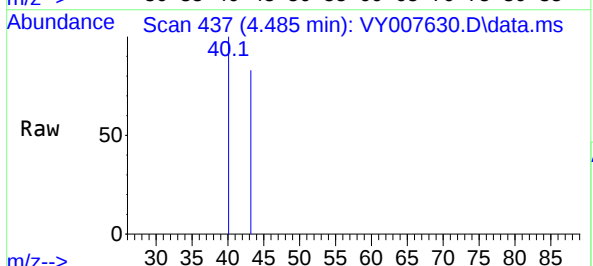
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

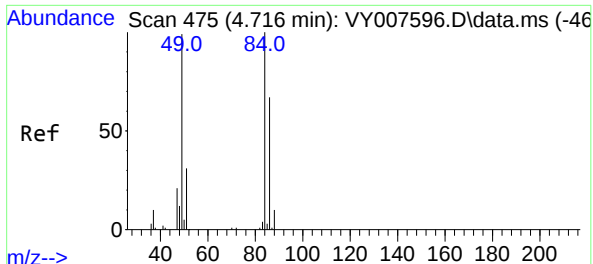
Tgt Ion:168 Resp: 81567
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#18
Methyl Acetate
Concen: 1.420 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
74 27.2 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007630.D

Acq: 24 Feb 2022 20:11

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 1571

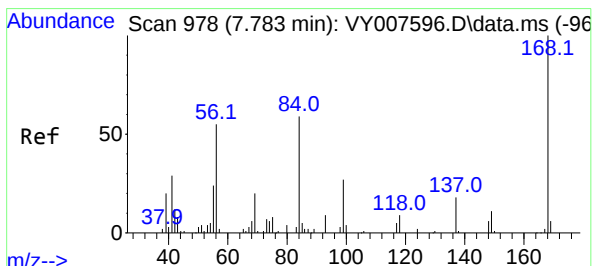
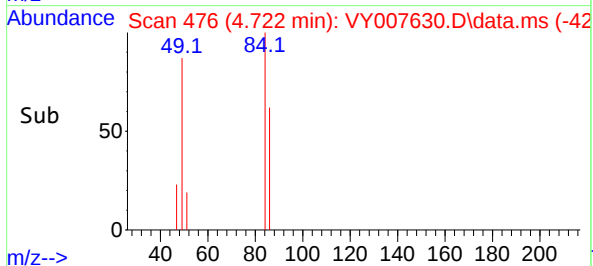
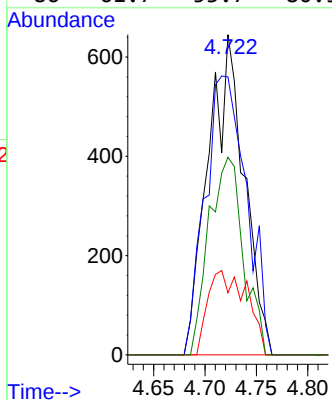
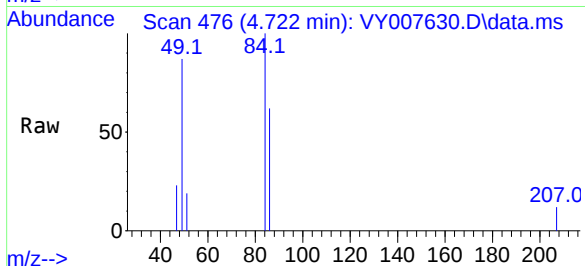
Ion Ratio Lower Upper

84 100

49 86.8 114.4 171.6#

51 19.4 35.3 52.9#

86 61.7 53.7 80.5



#31

Cyclohexane

Concen: Below Cal

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY007630.D

Acq: 24 Feb 2022 20:11

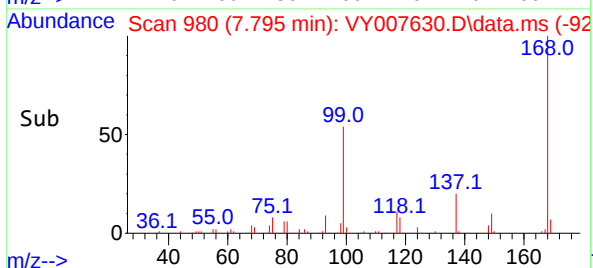
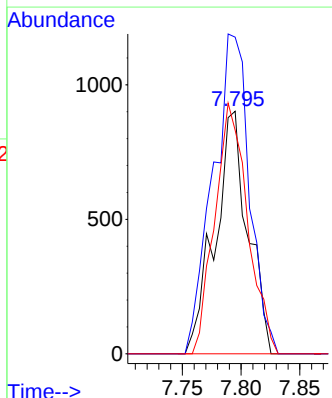
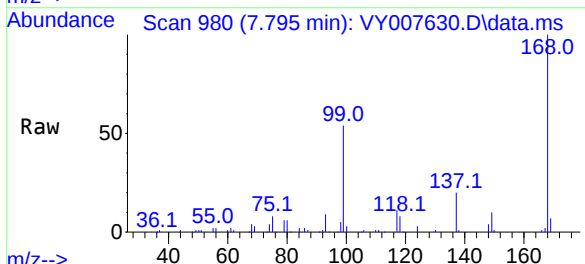
Tgt Ion: 56 Resp: 1759

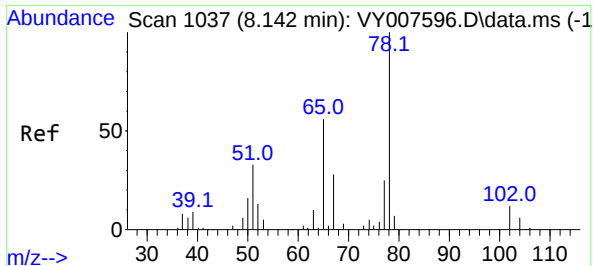
Ion Ratio Lower Upper

56 100

69 130.5 26.7 40.1#

84 92.1 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 48.865 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007630.D

Acq: 24 Feb 2022 20:11

Instrument :

MSVOA_Y

ClientSampleId :

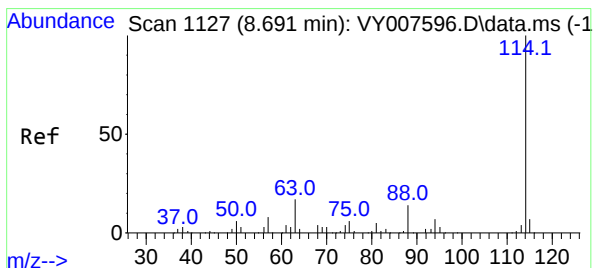
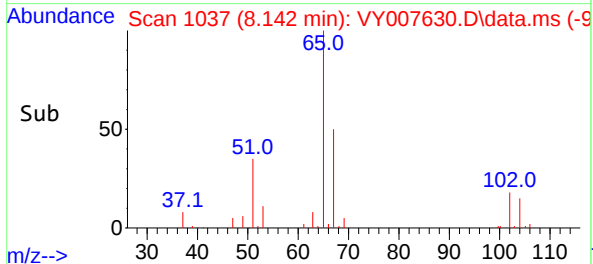
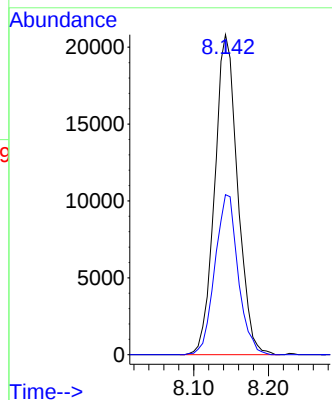
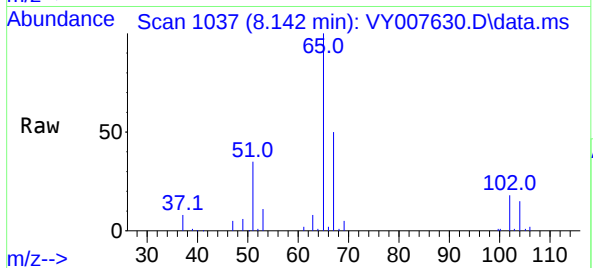
VIBLK

Tgt Ion: 65 Resp: 44340

Ion Ratio Lower Upper

65 100

67 50.6 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: VY007630.D

Acq: 24 Feb 2022 20:11

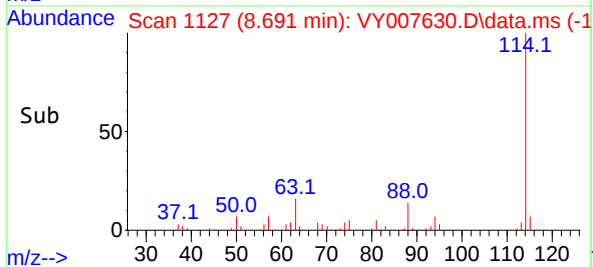
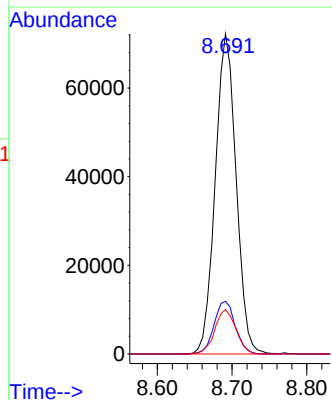
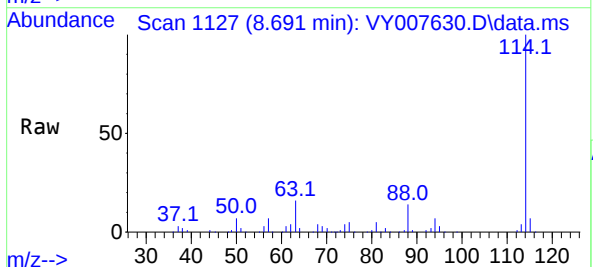
Tgt Ion: 114 Resp: 140001

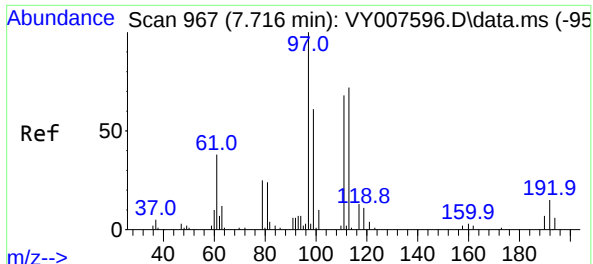
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.9 0.0 31.8

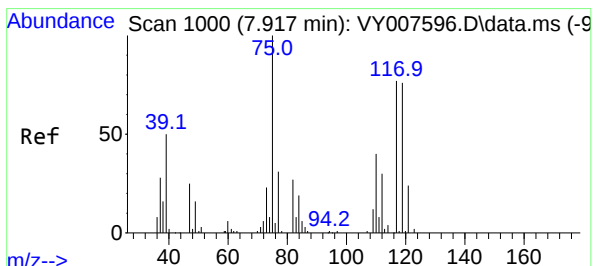
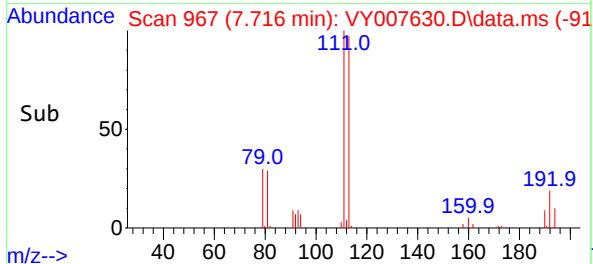
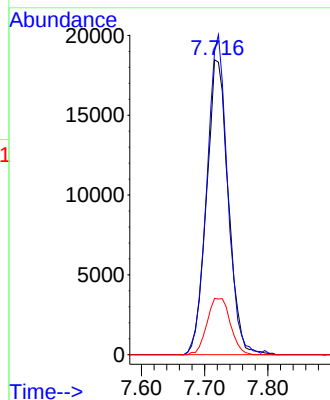
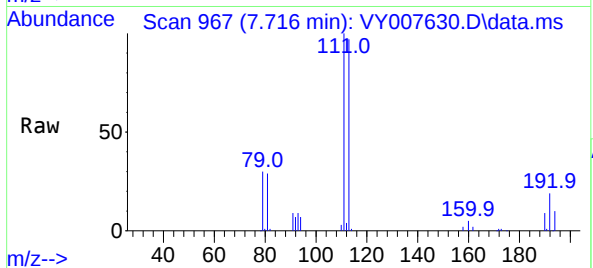




#35
Dibromofluoromethane
Concen: 50.075 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

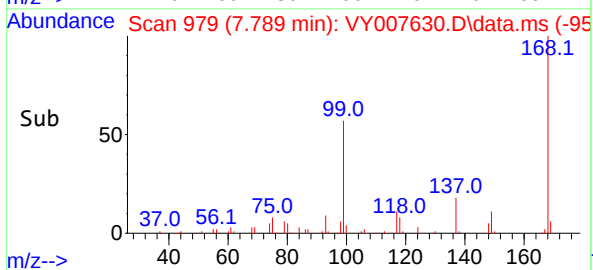
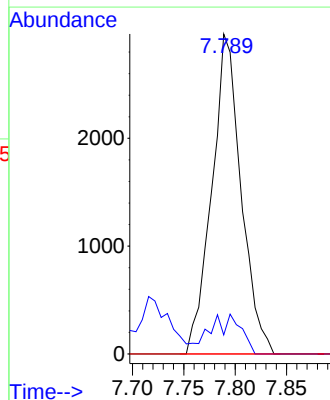
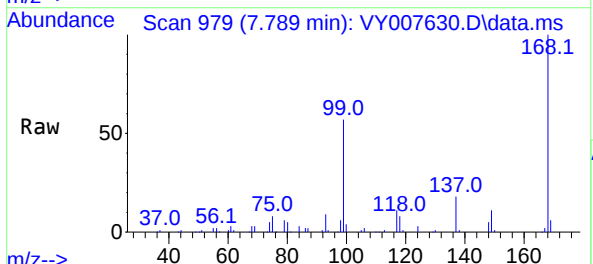
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

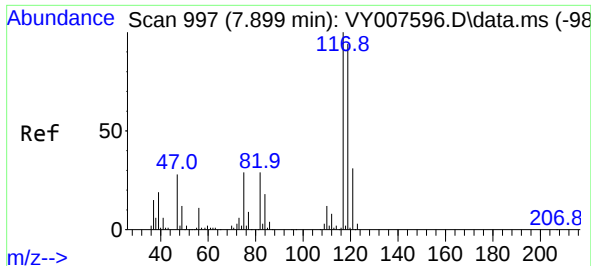
Tgt Ion:113 Resp: 44236
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

Tgt Ion: 75 Resp: 5872
Ion Ratio Lower Upper
75 100
110 3.6 17.1 51.2#
77 0.0 24.4 36.6#

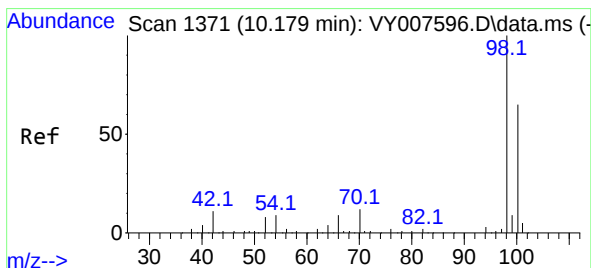
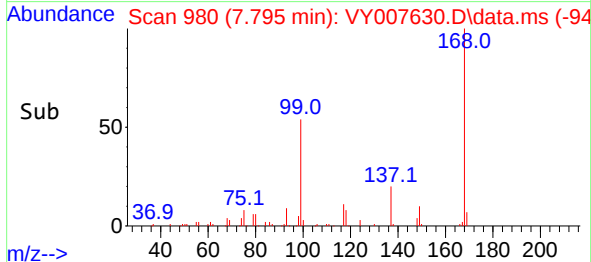
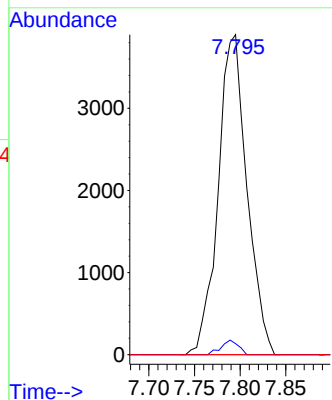
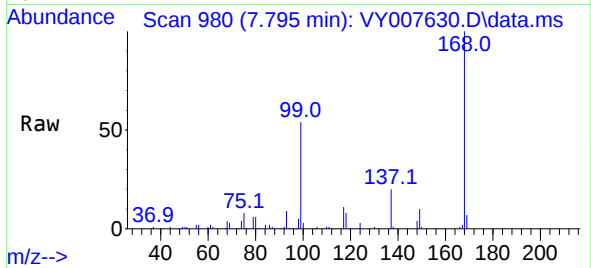




#38
Carbon Tetrachloride
Concen: 4.592 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

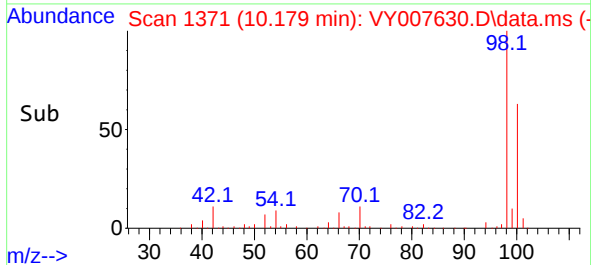
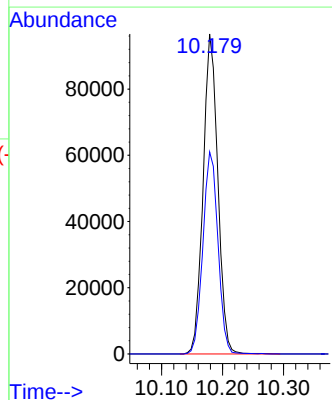
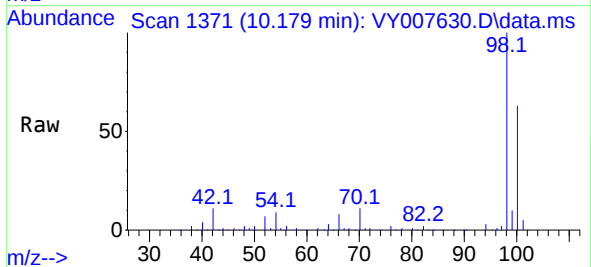
Instrument :
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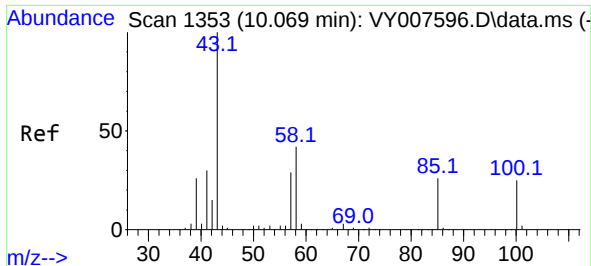
Tgt Ion:117 Resp: 8560
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.658 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

Tgt Ion: 98 Resp: 162208
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

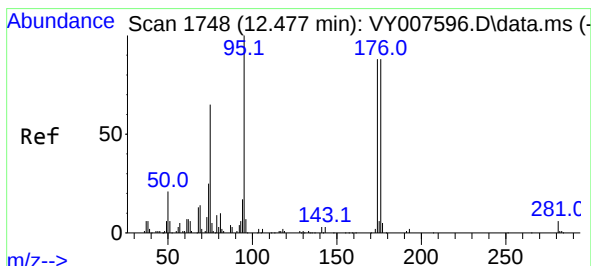
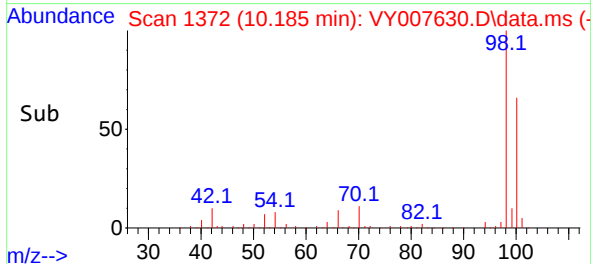
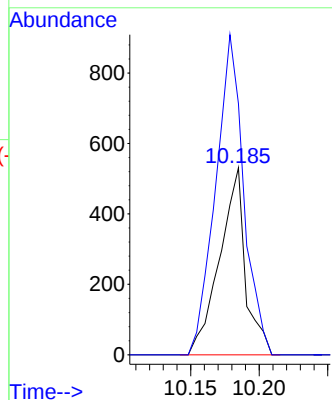
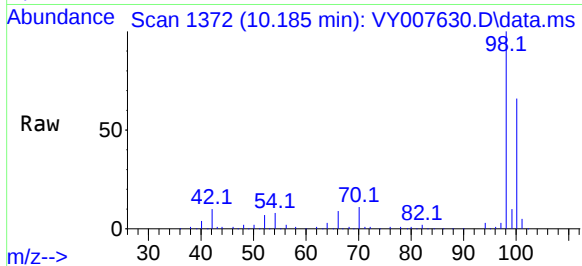




#51
4-Methyl-2-Pentanone
Concen: 1.178 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

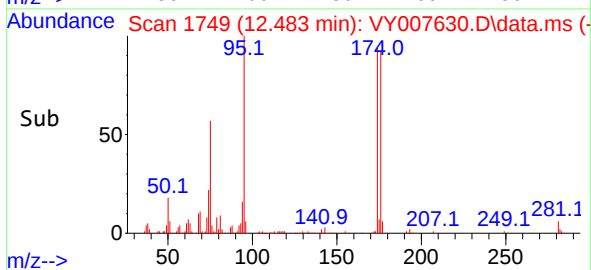
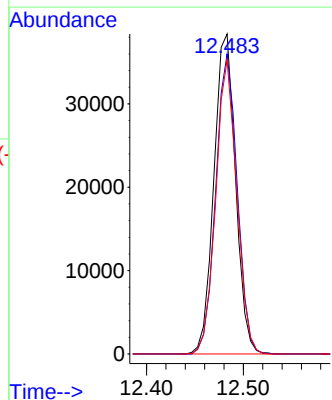
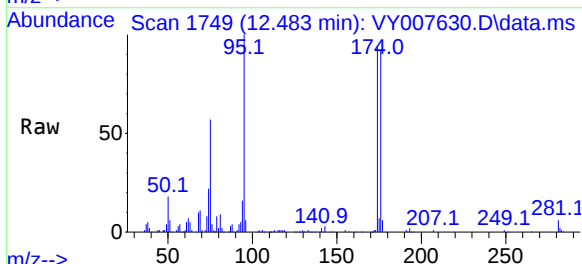
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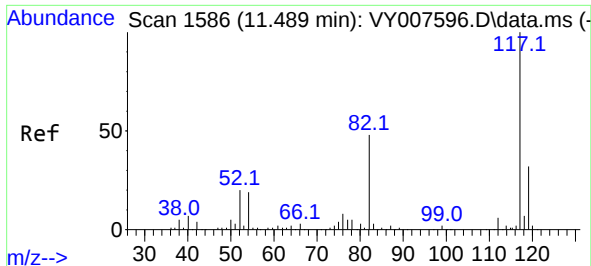
Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
58 186.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 53.295 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

Tgt Ion: 95 Resp: 59531
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 89.2 0.0 175.8

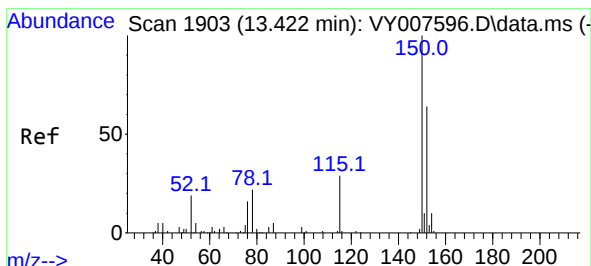
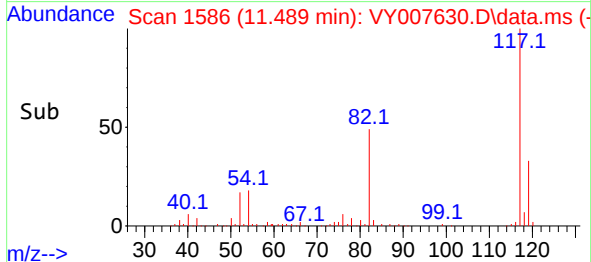
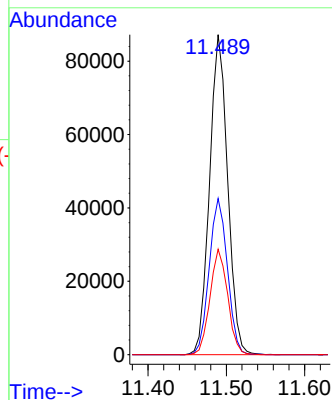
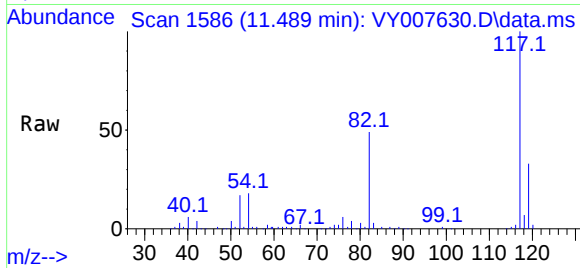




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

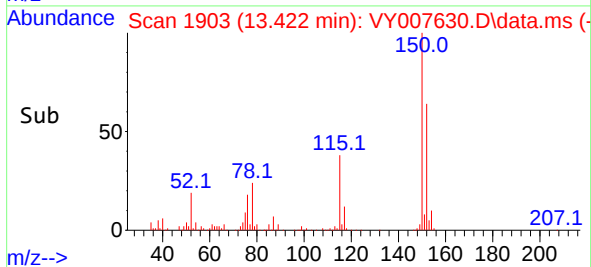
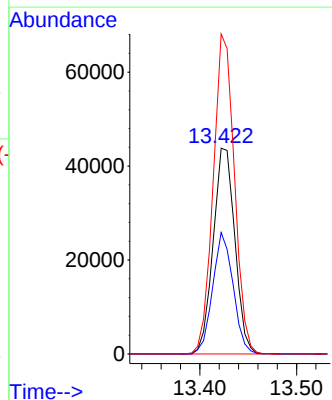
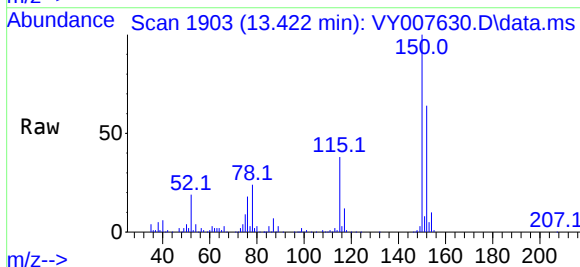
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

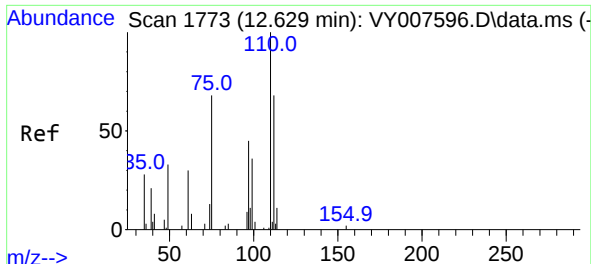
Tgt Ion:117 Resp: 139684
Ion Ratio Lower Upper
117 100
82 48.8 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

Tgt Ion:152 Resp: 68236
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 152.1 0.0 347.6

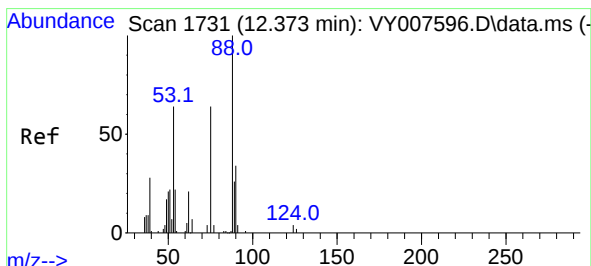
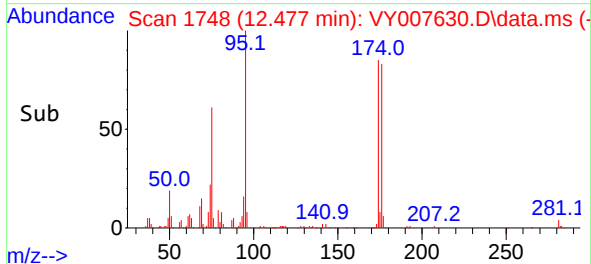
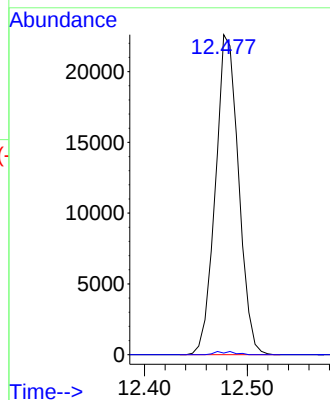
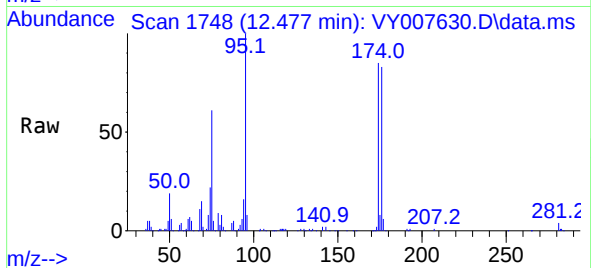




#76
1,2,3-Trichloropropane
Concen: 51.723 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 35299
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.213 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007630.D
Acq: 24 Feb 2022 20:11

Tgt Ion: 75 Resp: 35299
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

